

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Data\PQ082418\  
 Data File : PQ031367.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 23 Aug 2018 16:28  
 Operator : SM\SJ  
 Sample : AR1248CCC400  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Aug 24 01:07:56 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 |                 |        |       |          |          |          |            |
| 1)                          | SA Tetrachlo... | 4.603  | 3.880 | 43419272 | 35910595 | 21.841   | 18.480     |
| 2)                          | SA Decachlor... | 10.464 | 8.968 | 93015275 | 87572608 | 46.771   | 39.731     |
|                             |                 |        |       |          |          |          |            |
| Target Compounds            |                 |        |       |          |          |          |            |
| 3)                          | L1 AR-1016-1    | 5.317  | 4.585 | 10818109 | 3459199  | 218.638  | 69.058 #   |
| 4)                          | L1 AR-1016-2    | 5.513  | 5.000 | 9073629  | 19861946 | 182.212  | 273.127 #  |
| 5)                          | L1 AR-1016-3    | 5.782  | 5.000 | 22928104 | 19861946 | 321.494  | 183.860 #  |
| 6)                          | L1 AR-1016-4    | 5.867  | 5.058 | 13677879 | 11887859 | 203.283  | 165.729    |
| 7)                          | L1 AR-1016-5    | 6.262  | 5.436 | 35726059 | 31718131 | 628.483  | 496.870    |
| 9)                          | L2 AR-1221-2    | 0.000  | 4.262 | 0        | 1902397  | N.D.     | 106.402 #  |
| 10)                         | L2 AR-1221-3    | 4.978  | 4.262 | 2514218  | 1902397  | 42.549   | 30.315 #   |
| 11)                         | L3 AR-1232-1    | 5.805  | 4.759 | 26131438 | 8462853  | 579.983  | 389.205 #  |
| 12)                         | L3 AR-1232-2    | 5.967  | 5.000 | 14032389 | 19861946 | 612.952  | 483.239    |
| 13)                         | L3 AR-1232-3    | 6.055  | 5.261 | 30725711 | 24652616 | 2112.304 | 1424.885 # |
| 14)                         | L3 AR-1232-4    | 6.665  | 5.660 | 42917820 | 6962999  | 1351.292 | 432.152 #  |
| 15)                         | L3 AR-1232-5    | 6.705  | 5.831 | 41323603 | 33764152 | 1416.840 | 1586.023   |
| 16)                         | L4 AR-1242-1    | 5.347  | 4.585 | 4517539  | 3459199  | 212.286  | 161.609    |
| 17)                         | L4 AR-1242-2    | 6.101  | 5.181 | 27217271 | 11750952 | 735.221  | 281.139 #  |
| 18)                         | L4 AR-1242-3    | 6.303  | 5.218 | 12641356 | 23864736 | 675.671  | 728.225    |
| 19)                         | L4 AR-1242-4    | 6.347  | 6.007 | 10951504 | 30609214 | 799.567  | 741.540    |
| 20)                         | L4 AR-1242-5    | 6.404  | 6.052 | 30920253 | 25505606 | 661.596  | 726.884    |
| 21)                         | L5 AR-1248-1    | 6.055  | 5.218 | 30725711 | 23864736 | 474.732  | 352.423 #  |
| 22)                         | L5 AR-1248-2    | 6.639  | 5.789 | 32575259 | 48580684 | 467.347  | 356.090    |
| 23)                         | L5 AR-1248-3    | 6.665  | 5.831 | 42917820 | 33764152 | 472.423  | 364.583    |
| 24)                         | L5 AR-1248-4    | 6.705  | 6.007 | 41323603 | 30609214 | 474.405  | 383.655    |
| 25)                         | L5 AR-1248-5    | 6.904  | 6.344 | 27027329 | 22907394 | 469.271  | 317.252 #  |
| 26)                         | L6 AR-1254-1    | 6.863  | 5.935 | 43874087 | 15944963 | 274.406  | 112.538 #  |
| 27)                         | L6 AR-1254-2    | 7.141  | 6.254 | 15885625 | 14341229 | 161.459  | 119.931 #  |
| 28)                         | L6 AR-1254-3    | 7.226  | 6.571 | 24622859 | 15403345 | 137.712  | 86.635 #   |
| 29)                         | L6 AR-1254-4    | 7.512  | 6.890 | 17498314 | 14799020 | 133.867  | 138.057    |
| 30)                         | L6 AR-1254-5    | 7.788  | 6.991 | 15262747 | 5388270  | 152.197  | 24.424 #   |
| 31)                         | L7 AR-1260-1    | 7.390  | 6.492 | 3339272  | 7585531  | 26.659   | 51.004 #   |
| 32)                         | L7 AR-1260-2    | 7.641  | 6.658 | 4111064  | 2305756  | 27.233   | 12.938 #   |
| 33)                         | L7 AR-1260-3    | 7.931  | 6.817 | 4702322  | 2495589  | 26.175   | 14.517 #   |
| 34)                         | L7 AR-1260-4    | 8.230  | 0.000 | 2254496  | 0        | 17.470   | N.D. #     |
| 35)                         | L7 AR-1260-5    | 8.570  | 7.527 | 1906903  | 1876794  | 7.404    | 5.868      |
| 36)                         | L8 AR-1262-1    | 7.226  | 6.344 | 24622859 | 22907394 | 309.409  | 192.106 #  |
| 41)                         | L9 AR-1268-1    | 0.000  | 6.991 | 0        | 5388270  | N.D.     | 61.385 #   |
| 42)                         | L9 AR-1268-2    | 8.230  | 0.000 | 2254496  | 0        | 22.766   | N.D. #     |
| 43)                         | L9 AR-1268-3    | 0.000  | 8.087 | 0        | 2588718  | N.D.     | 6.620 #    |
| 44)                         | L9 AR-1268-4    | 9.229  | 8.181 | 2665892  | 2084316  | 8.415    | 21.339 #   |
| -----                       |                 |        |       |          |          |          |            |

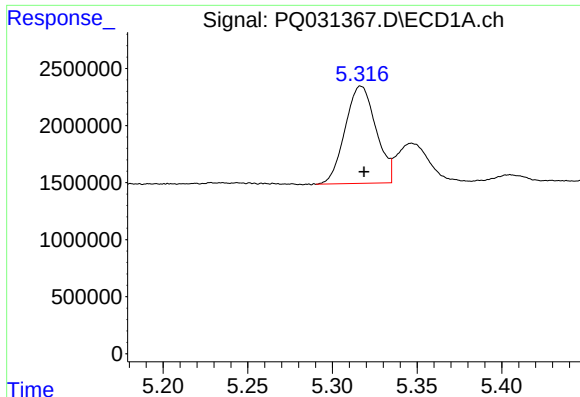
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Data\PQ082418\  
Data File : PQ031367.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 23 Aug 2018 16:28  
Operator : SM\SJ  
Sample : AR1248CCC400  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Aug 24 01:07:56 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

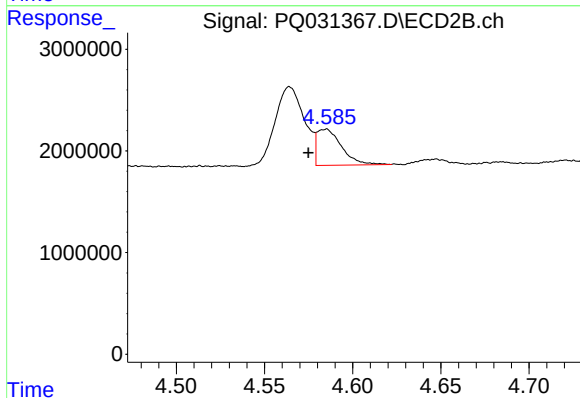
| Compound                                                              | RT#1 | RT#2 | Resp#1 | Resp#2 | ng/ml | ng/ml |
|-----------------------------------------------------------------------|------|------|--------|--------|-------|-------|
| -----                                                                 |      |      |        |        |       |       |
| (f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int. |      |      |        |        |       |       |





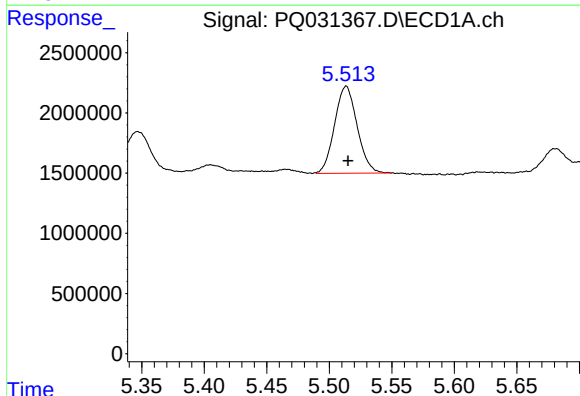
#3 AR-1016-1

R.T.: 5.317 min  
Delta R.T.: -0.002 min  
Response: 10818109  
Conc: 218.64 ng/ml



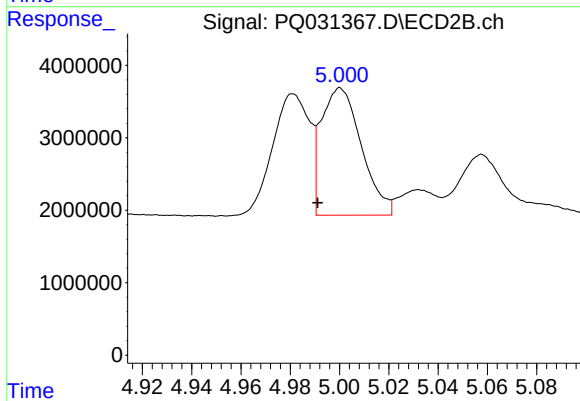
#3 AR-1016-1

R.T.: 4.585 min  
Delta R.T.: 0.010 min  
Response: 3459199  
Conc: 69.06 ng/ml



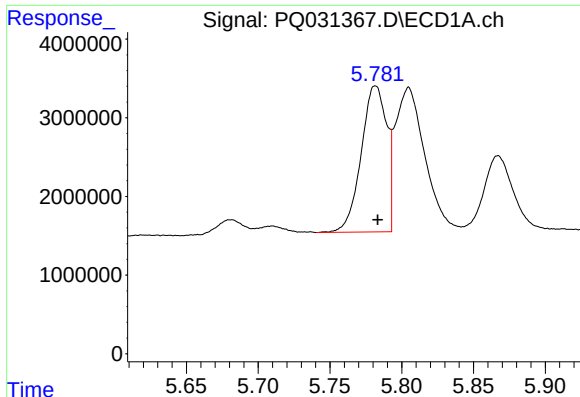
#4 AR-1016-2

R.T.: 5.513 min  
Delta R.T.: -0.001 min  
Response: 9073629  
Conc: 182.21 ng/ml



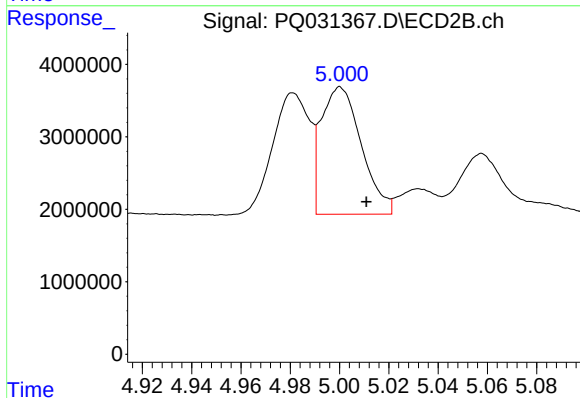
#4 AR-1016-2

R.T.: 5.000 min  
Delta R.T.: 0.009 min  
Response: 19861946  
Conc: 273.13 ng/ml



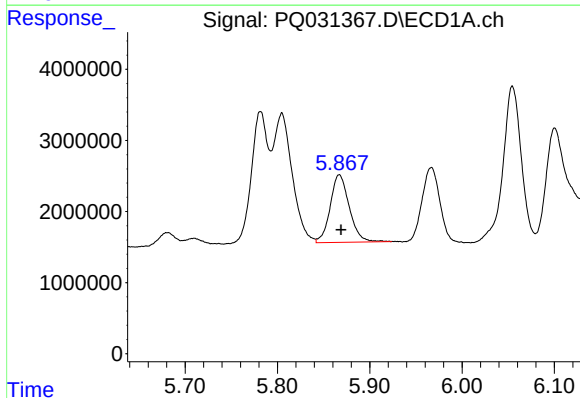
#5 AR-1016-3

R.T.: 5.782 min  
Delta R.T.: -0.002 min  
Response: 22928104  
Conc: 321.49 ng/ml



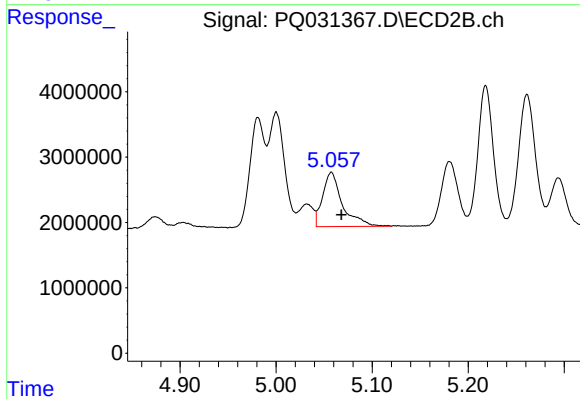
#5 AR-1016-3

R.T.: 5.000 min  
Delta R.T.: -0.011 min  
Response: 19861946  
Conc: 183.86 ng/ml



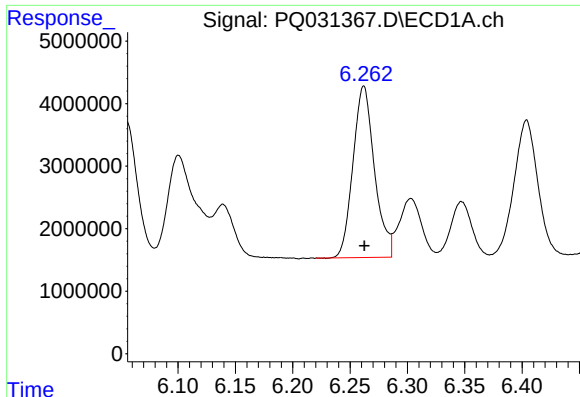
#6 AR-1016-4

R.T.: 5.867 min  
Delta R.T.: -0.002 min  
Response: 13677879  
Conc: 203.28 ng/ml



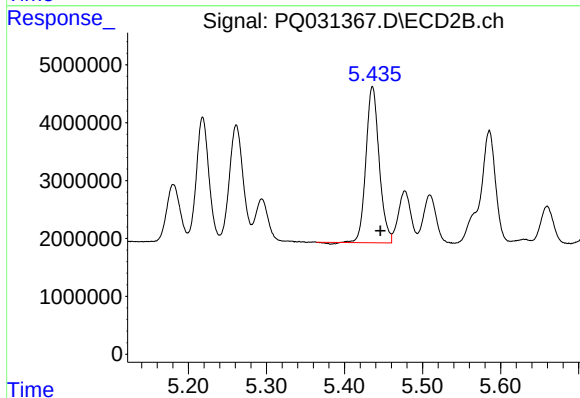
#6 AR-1016-4

R.T.: 5.058 min  
Delta R.T.: -0.010 min  
Response: 11887859  
Conc: 165.73 ng/ml



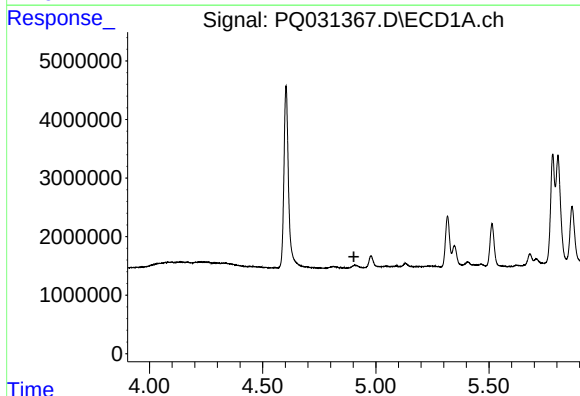
#7 AR-1016-5

R.T.: 6.262 min  
Delta R.T.: 0.000 min  
Response: 35726059  
Conc: 628.48 ng/ml



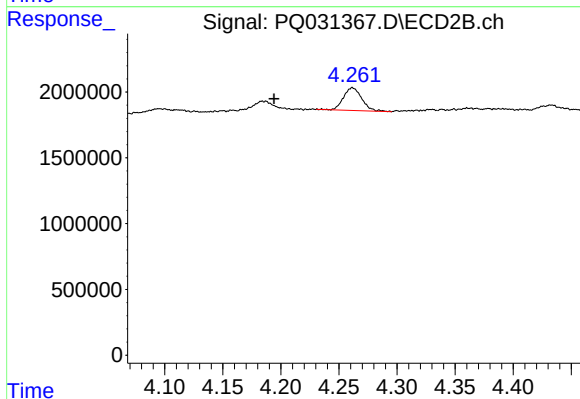
#7 AR-1016-5

R.T.: 5.436 min  
Delta R.T.: -0.010 min  
Response: 31718131  
Conc: 496.87 ng/ml



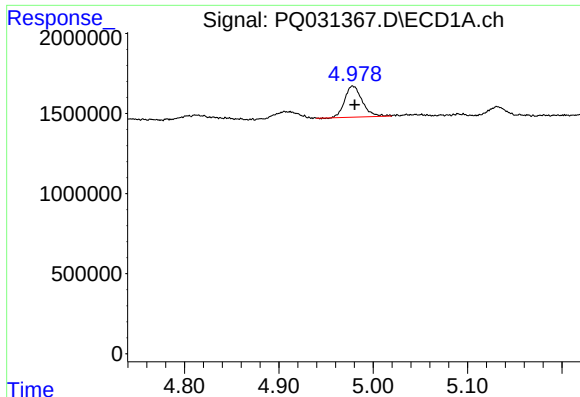
#9 AR-1221-2

R.T.: 0.000 min  
Exp R.T. : 4.903 min  
Response: 0  
Conc: N.D.



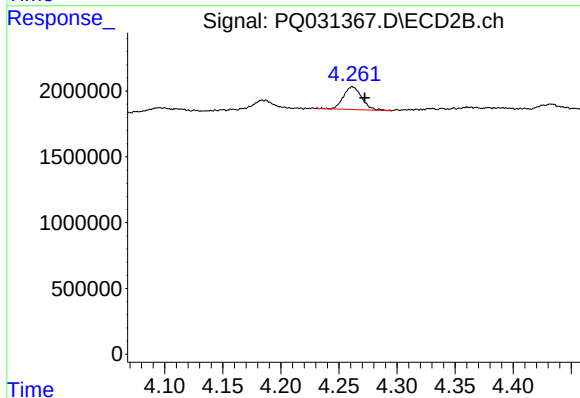
#9 AR-1221-2

R.T.: 4.262 min  
Delta R.T.: 0.067 min  
Response: 1902397  
Conc: 106.40 ng/ml



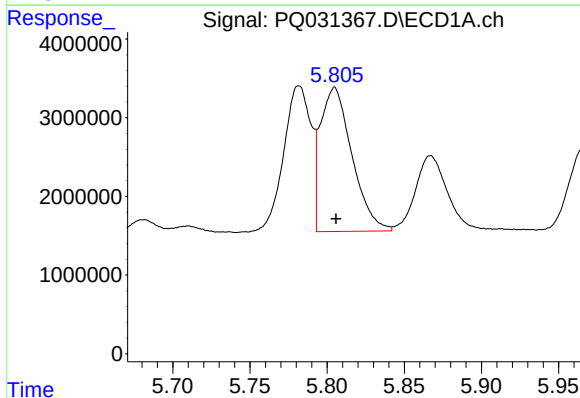
#10 AR-1221-3

R.T.: 4.978 min  
Delta R.T.: -0.002 min  
Response: 2514218  
Conc: 42.55 ng/ml



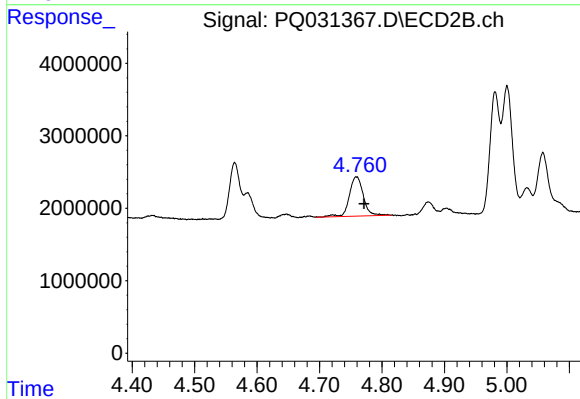
#10 AR-1221-3

R.T.: 4.262 min  
Delta R.T.: -0.010 min  
Response: 1902397  
Conc: 30.32 ng/ml



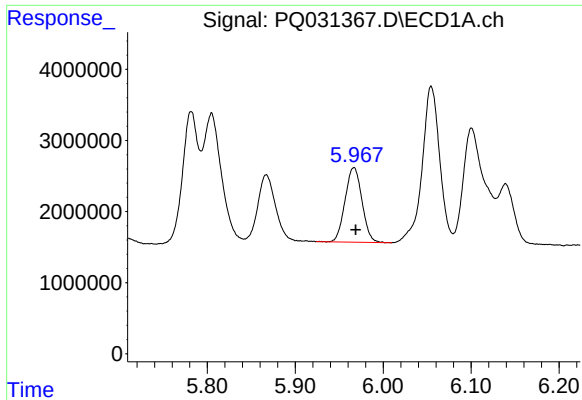
#11 AR-1232-1

R.T.: 5.805 min  
Delta R.T.: 0.000 min  
Response: 26131438  
Conc: 579.98 ng/ml



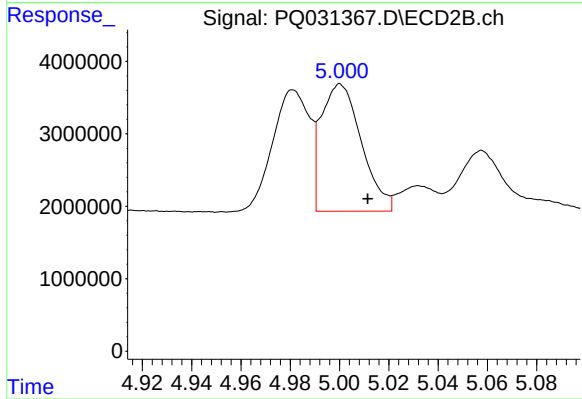
#11 AR-1232-1

R.T.: 4.759 min  
Delta R.T.: -0.012 min  
Response: 8462853  
Conc: 389.20 ng/ml



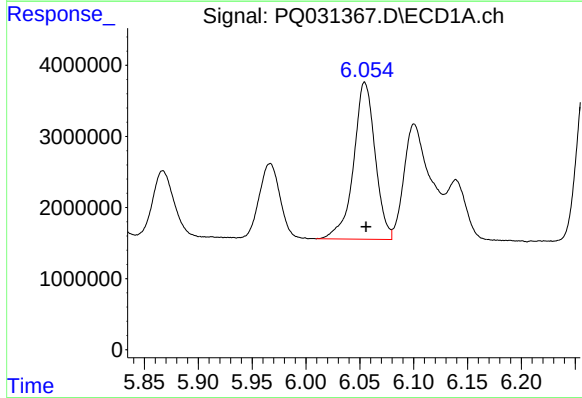
#12 AR-1232-2

R.T.: 5.967 min  
Delta R.T.: -0.002 min  
Response: 14032389  
Conc: 612.95 ng/ml



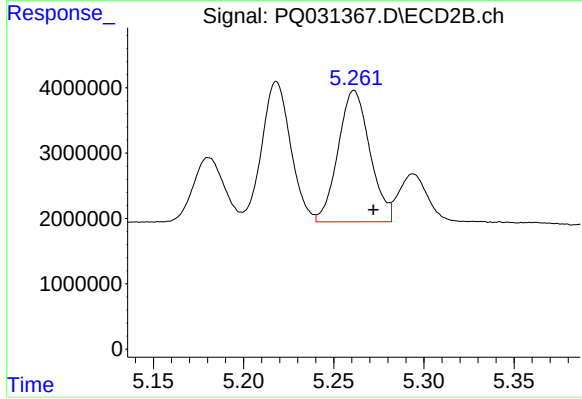
#12 AR-1232-2

R.T.: 5.000 min  
Delta R.T.: -0.011 min  
Response: 19861946  
Conc: 483.24 ng/ml



#13 AR-1232-3

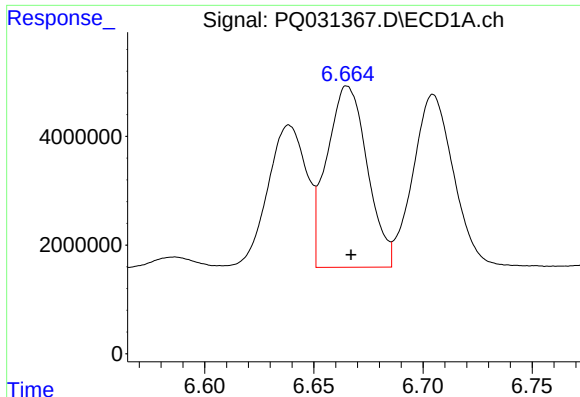
R.T.: 6.055 min  
Delta R.T.: -0.001 min  
Response: 30725711  
Conc: 2112.30 ng/ml



#13 AR-1232-3

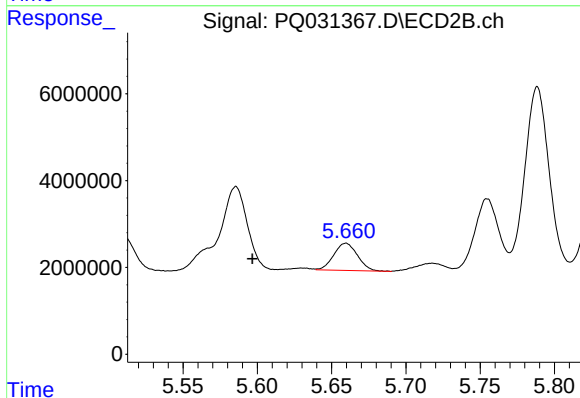
R.T.: 5.261 min  
Delta R.T.: -0.011 min  
Response: 24652616  
Conc: 1424.88 ng/ml





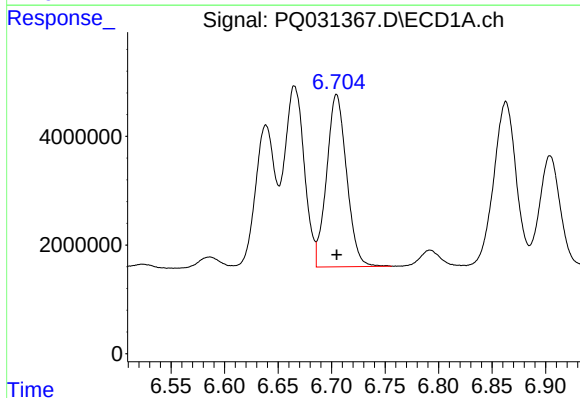
#14 AR-1232-4

R.T.: 6.665 min  
Delta R.T.: -0.002 min  
Response: 42917820  
Conc: 1351.29 ng/ml



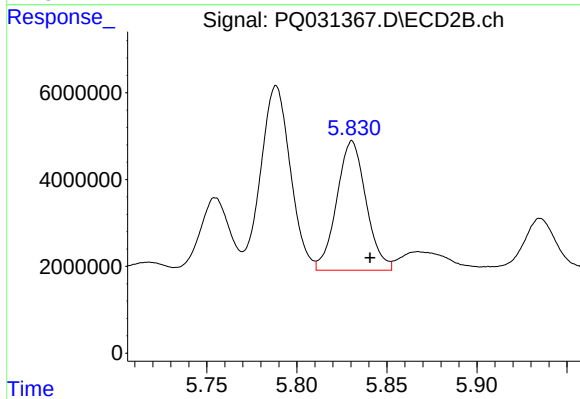
#14 AR-1232-4

R.T.: 5.660 min  
Delta R.T.: 0.063 min  
Response: 6962999  
Conc: 432.15 ng/ml



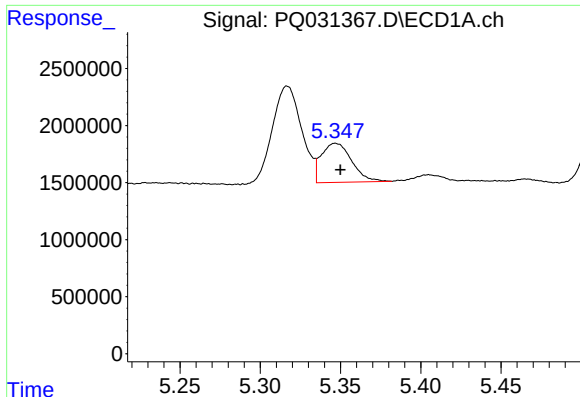
#15 AR-1232-5

R.T.: 6.705 min  
Delta R.T.: 0.000 min  
Response: 41323603  
Conc: 1416.84 ng/ml



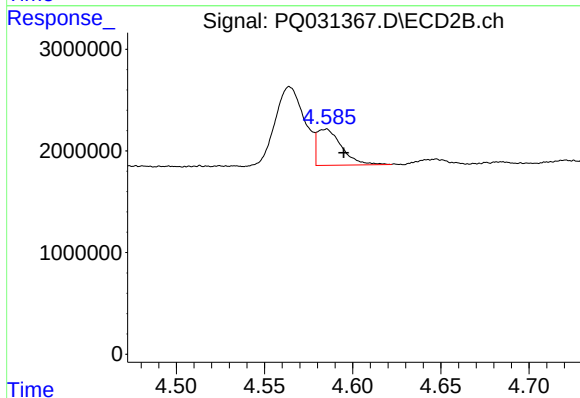
#15 AR-1232-5

R.T.: 5.831 min  
Delta R.T.: -0.010 min  
Response: 33764152  
Conc: 1586.02 ng/ml



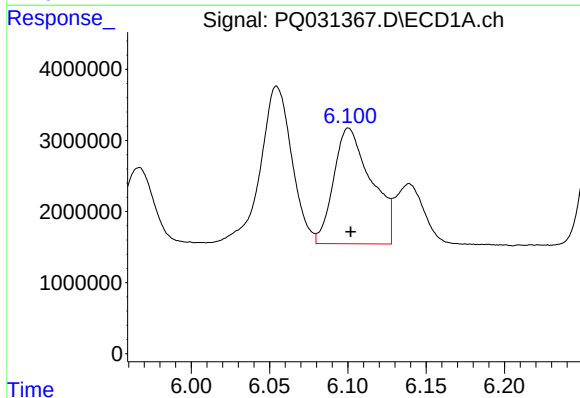
#16 AR-1242-1

R.T.: 5.347 min  
Delta R.T.: -0.003 min  
Response: 4517539  
Conc: 212.29 ng/ml



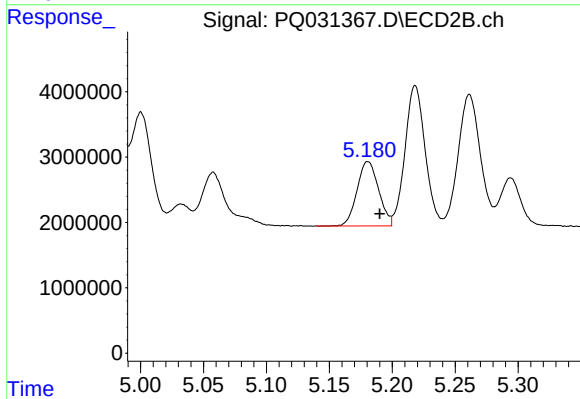
#16 AR-1242-1

R.T.: 4.585 min  
Delta R.T.: -0.010 min  
Response: 3459199  
Conc: 161.61 ng/ml



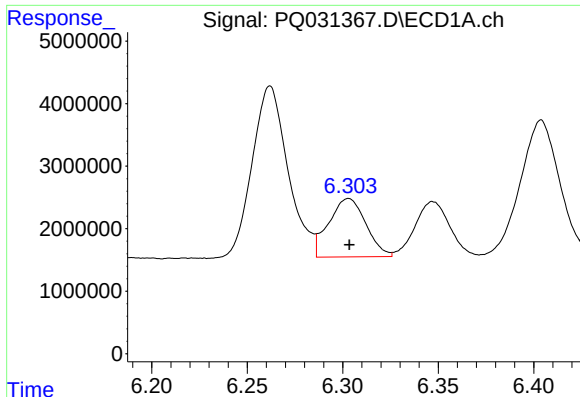
#17 AR-1242-2

R.T.: 6.101 min  
Delta R.T.: -0.001 min  
Response: 27217271  
Conc: 735.22 ng/ml



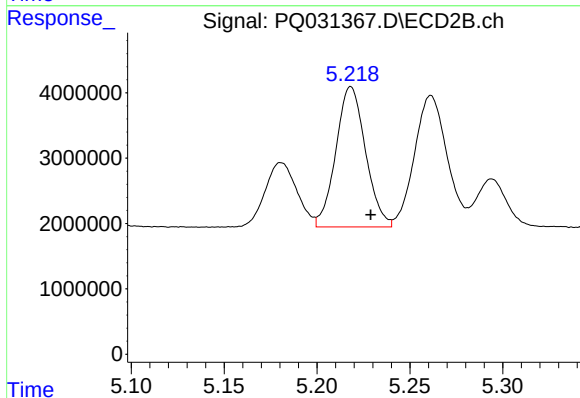
#17 AR-1242-2

R.T.: 5.181 min  
Delta R.T.: -0.009 min  
Response: 11750952  
Conc: 281.14 ng/ml



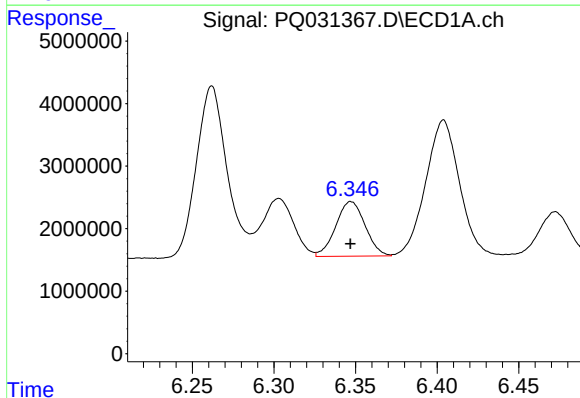
#18 AR-1242-3

R.T.: 6.303 min  
Delta R.T.: 0.000 min  
Response: 12641356  
Conc: 675.67 ng/ml



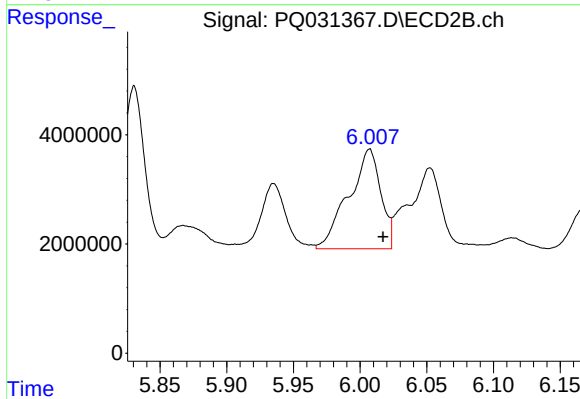
#18 AR-1242-3

R.T.: 5.218 min  
Delta R.T.: -0.011 min  
Response: 23864736  
Conc: 728.22 ng/ml



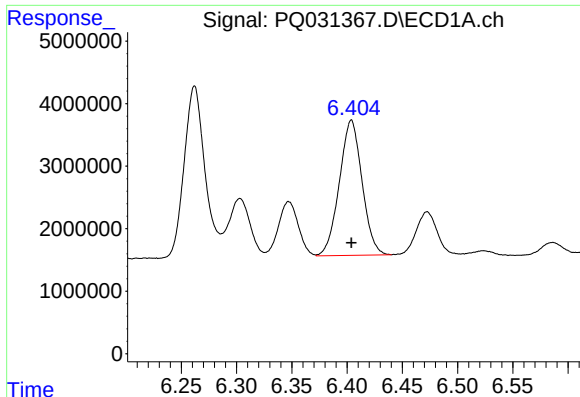
#19 AR-1242-4

R.T.: 6.347 min  
Delta R.T.: 0.000 min  
Response: 10951504  
Conc: 799.57 ng/ml



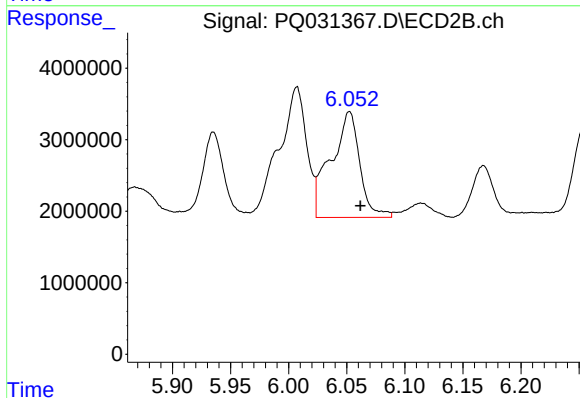
#19 AR-1242-4

R.T.: 6.007 min  
Delta R.T.: -0.010 min  
Response: 30609214  
Conc: 741.54 ng/ml



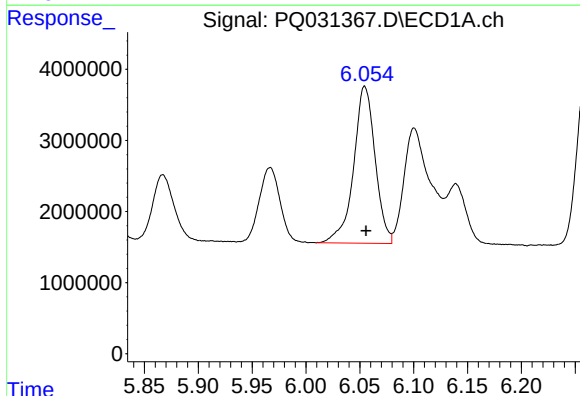
#20 AR-1242-5

R.T.: 6.404 min  
Delta R.T.: 0.000 min  
Response: 30920253  
Conc: 661.60 ng/ml



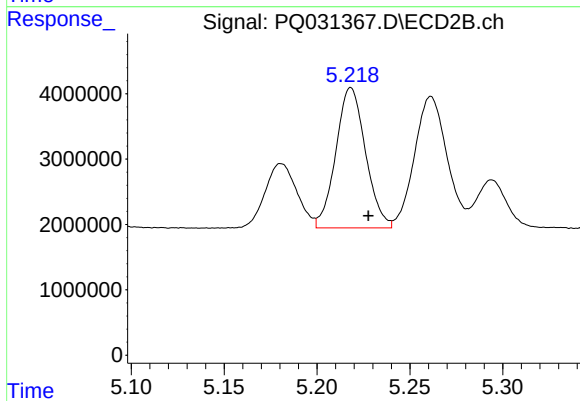
#20 AR-1242-5

R.T.: 6.052 min  
Delta R.T.: -0.009 min  
Response: 25505606  
Conc: 726.88 ng/ml



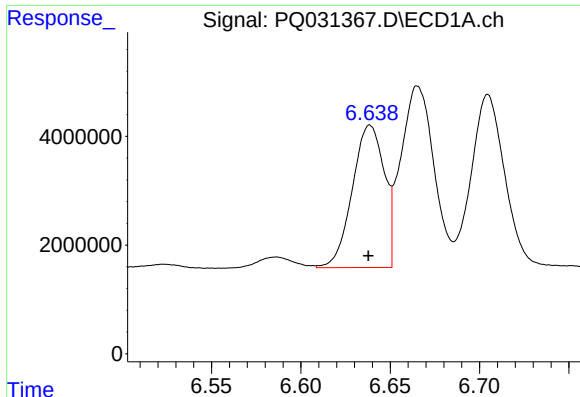
#21 AR-1248-1

R.T.: 6.055 min  
Delta R.T.: -0.001 min  
Response: 30725711  
Conc: 474.73 ng/ml



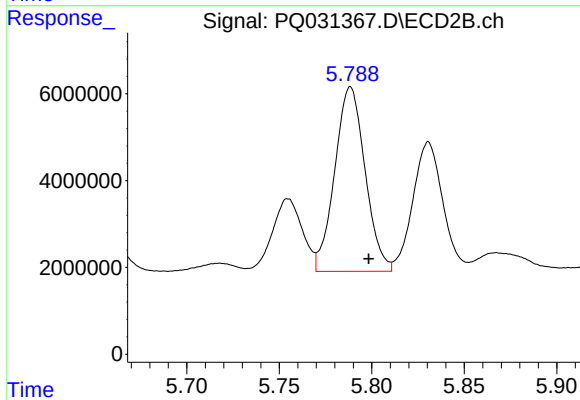
#21 AR-1248-1

R.T.: 5.218 min  
Delta R.T.: -0.009 min  
Response: 23864736  
Conc: 352.42 ng/ml



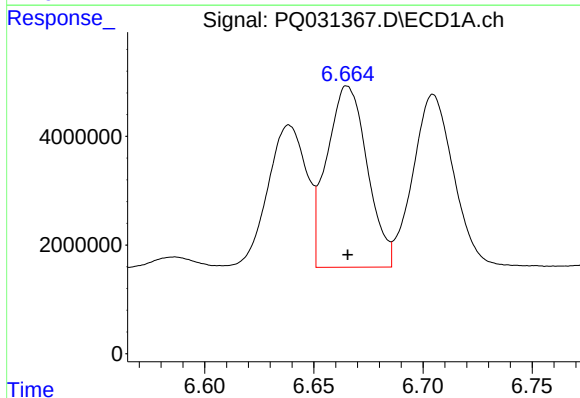
#22 AR-1248-2

R.T.: 6.639 min  
Delta R.T.: 0.000 min  
Response: 32575259  
Conc: 467.35 ng/ml



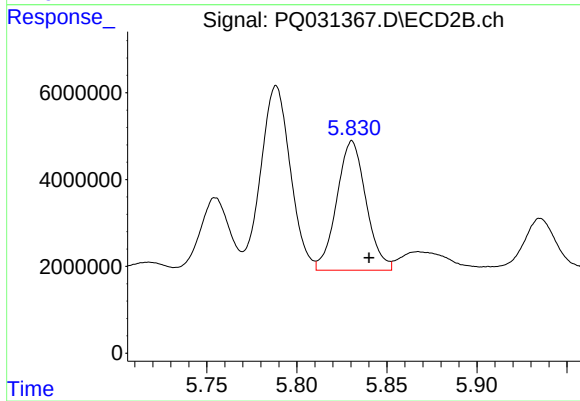
#22 AR-1248-2

R.T.: 5.789 min  
Delta R.T.: -0.010 min  
Response: 48580684  
Conc: 356.09 ng/ml



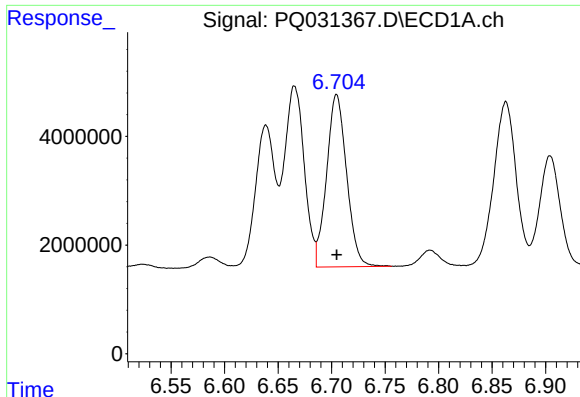
#23 AR-1248-3

R.T.: 6.665 min  
Delta R.T.: 0.000 min  
Response: 42917820  
Conc: 472.42 ng/ml



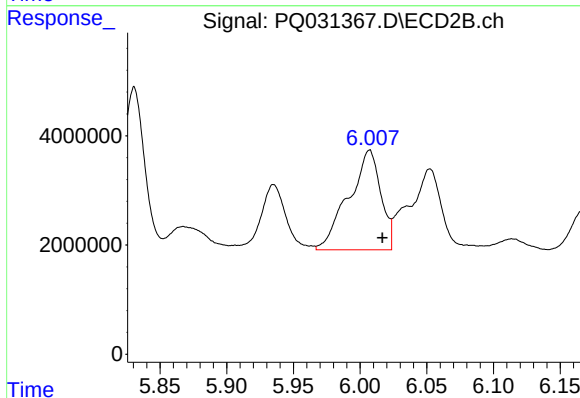
#23 AR-1248-3

R.T.: 5.831 min  
Delta R.T.: -0.010 min  
Response: 33764152  
Conc: 364.58 ng/ml



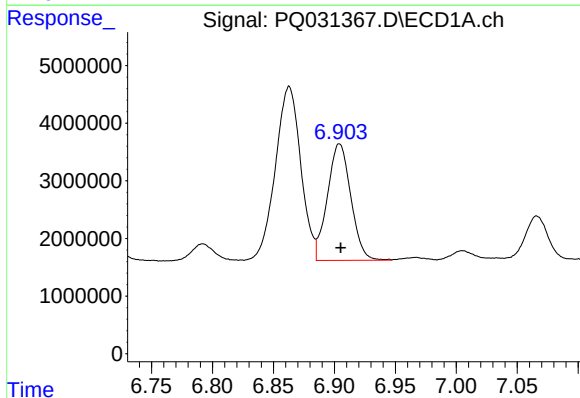
#24 AR-1248-4

R.T.: 6.705 min  
Delta R.T.: 0.000 min  
Response: 41323603  
Conc: 474.41 ng/ml



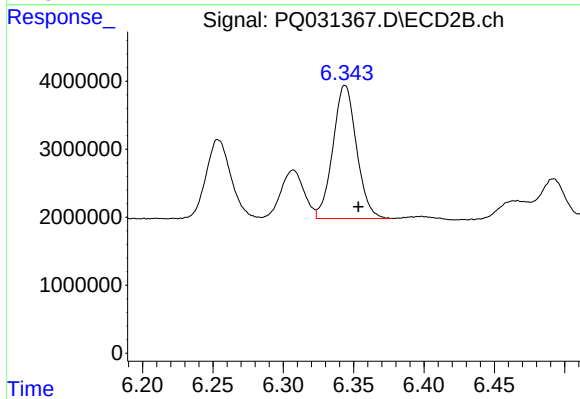
#24 AR-1248-4

R.T.: 6.007 min  
Delta R.T.: -0.010 min  
Response: 30609214  
Conc: 383.65 ng/ml



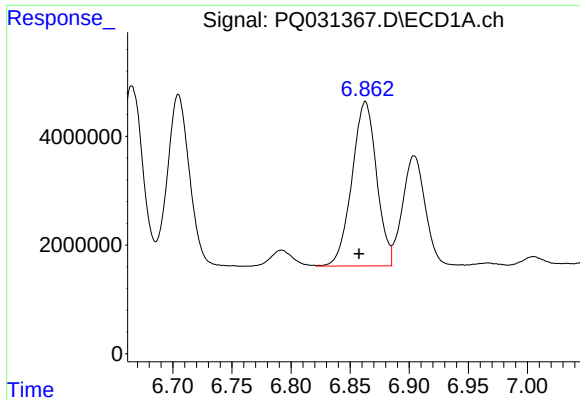
#25 AR-1248-5

R.T.: 6.904 min  
Delta R.T.: 0.000 min  
Response: 27027329  
Conc: 469.27 ng/ml



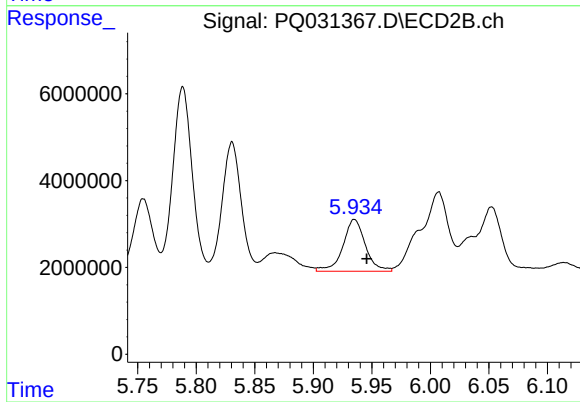
#25 AR-1248-5

R.T.: 6.344 min  
Delta R.T.: -0.009 min  
Response: 22907394  
Conc: 317.25 ng/ml



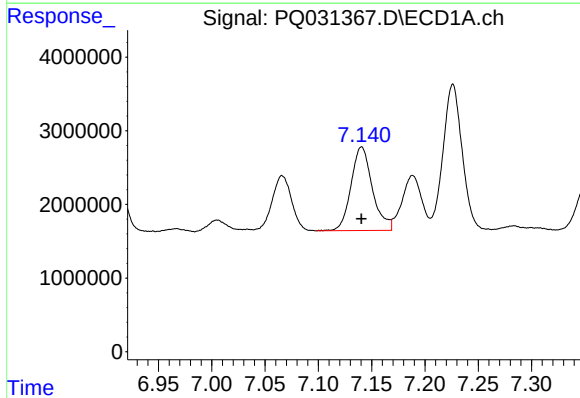
#26 AR-1254-1

R.T.: 6.863 min  
Delta R.T.: 0.005 min  
Response: 43874087  
Conc: 274.41 ng/ml



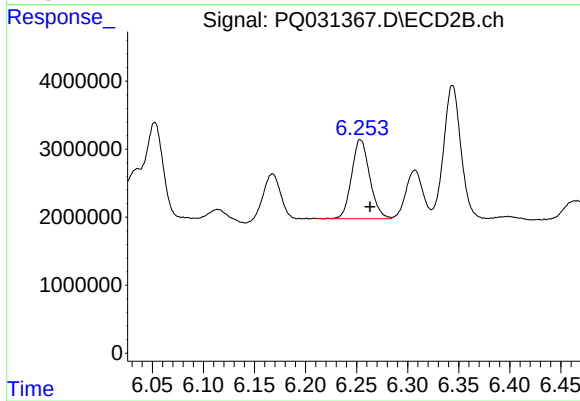
#26 AR-1254-1

R.T.: 5.935 min  
Delta R.T.: -0.010 min  
Response: 15944963  
Conc: 112.54 ng/ml



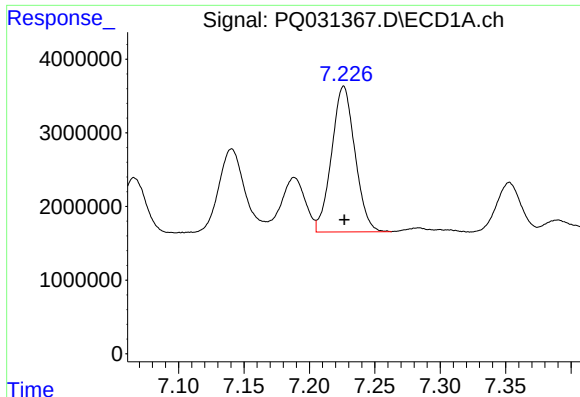
#27 AR-1254-2

R.T.: 7.141 min  
Delta R.T.: 0.000 min  
Response: 15885625  
Conc: 161.46 ng/ml



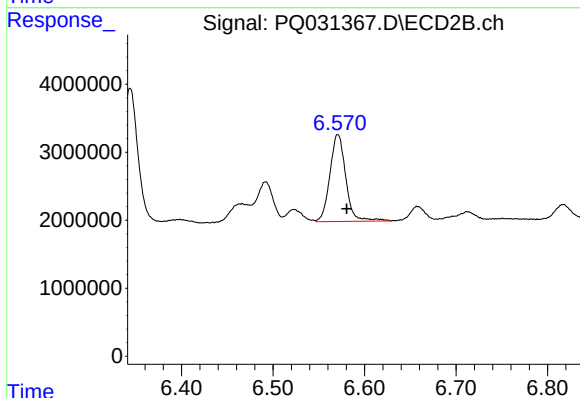
#27 AR-1254-2

R.T.: 6.254 min  
Delta R.T.: -0.010 min  
Response: 14341229  
Conc: 119.93 ng/ml



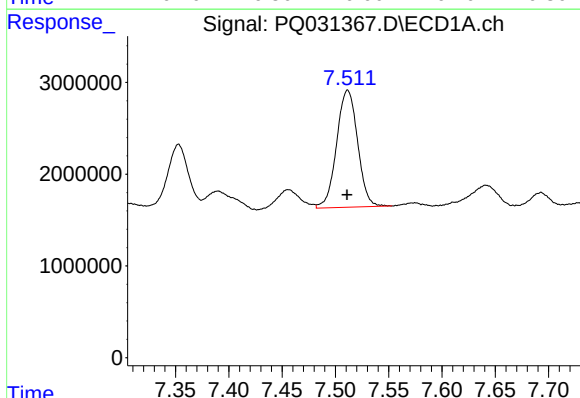
#28 AR-1254-3

R.T.: 7.226 min  
Delta R.T.: 0.000 min  
Response: 24622859  
Conc: 137.71 ng/ml



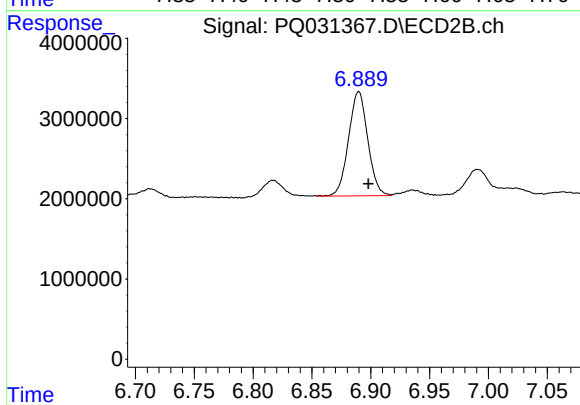
#28 AR-1254-3

R.T.: 6.571 min  
Delta R.T.: -0.010 min  
Response: 15403345  
Conc: 86.63 ng/ml



#29 AR-1254-4

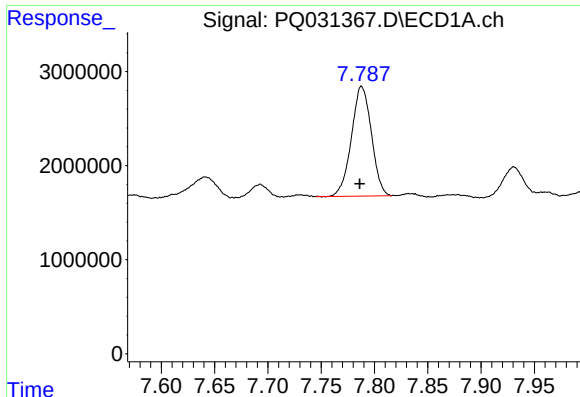
R.T.: 7.512 min  
Delta R.T.: 0.000 min  
Response: 17498314  
Conc: 133.87 ng/ml



#29 AR-1254-4

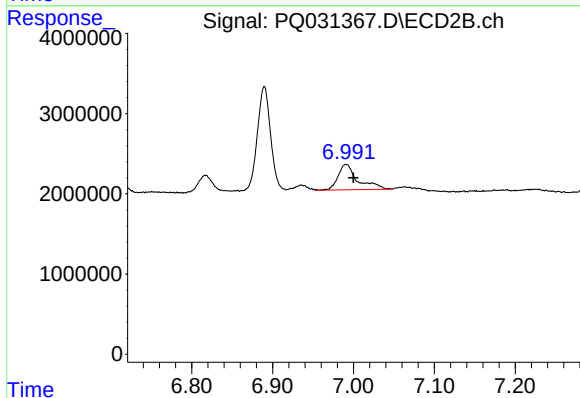
R.T.: 6.890 min  
Delta R.T.: -0.008 min  
Response: 14799020  
Conc: 138.06 ng/ml





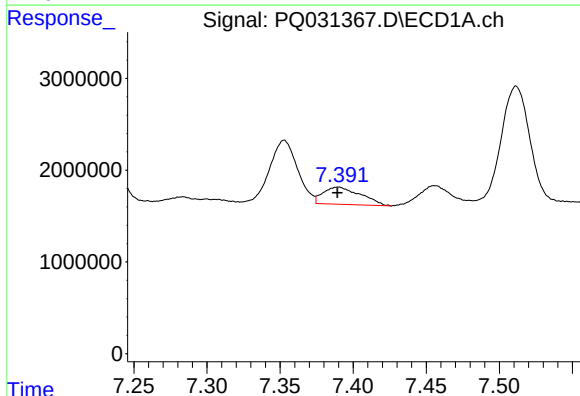
#30 AR-1254-5

R.T.: 7.788 min  
Delta R.T.: 0.002 min  
Response: 15262747  
Conc: 152.20 ng/ml



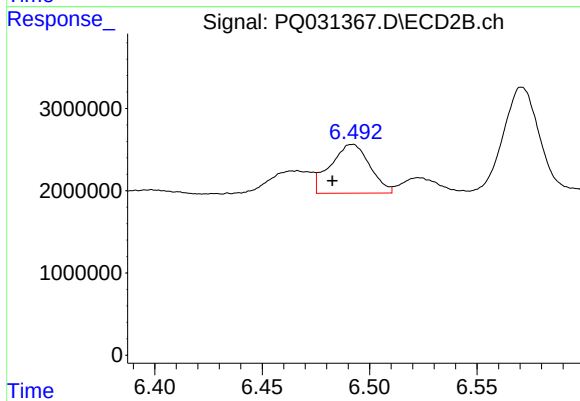
#30 AR-1254-5

R.T.: 6.991 min  
Delta R.T.: -0.009 min  
Response: 5388270  
Conc: 24.42 ng/ml



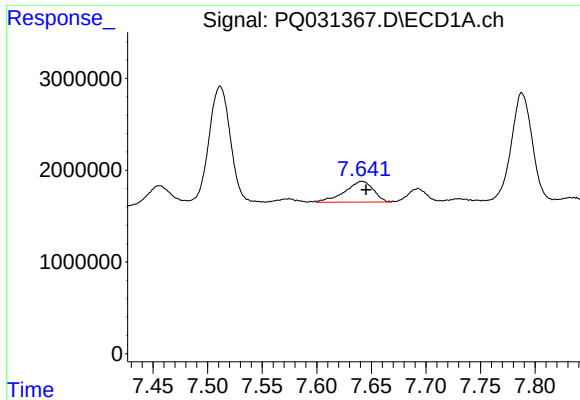
#31 AR-1260-1

R.T.: 7.390 min  
Delta R.T.: 0.000 min  
Response: 3339272  
Conc: 26.66 ng/ml



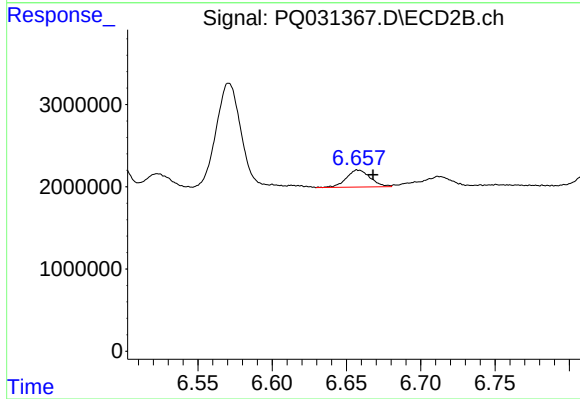
#31 AR-1260-1

R.T.: 6.492 min  
Delta R.T.: 0.009 min  
Response: 7585531  
Conc: 51.00 ng/ml



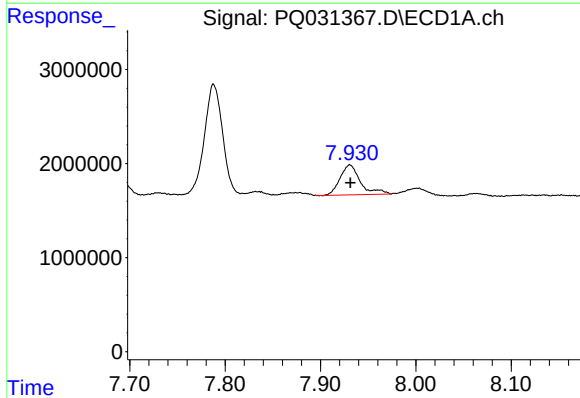
#32 AR-1260-2

R.T.: 7.641 min  
Delta R.T.: -0.004 min  
Response: 4111064  
Conc: 27.23 ng/ml



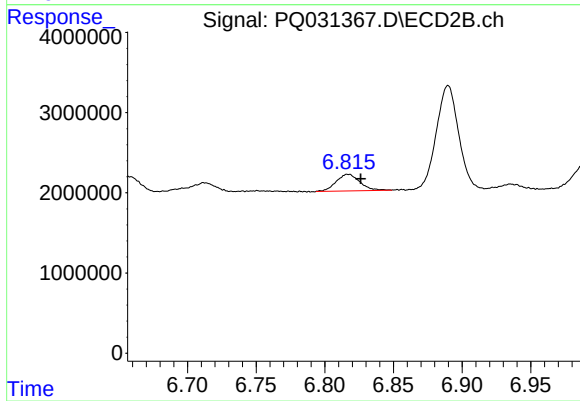
#32 AR-1260-2

R.T.: 6.658 min  
Delta R.T.: -0.010 min  
Response: 2305756  
Conc: 12.94 ng/ml



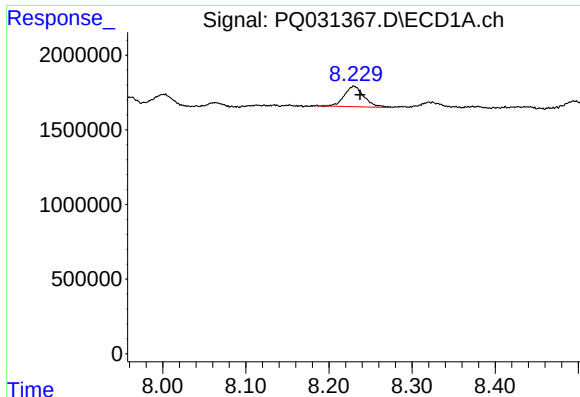
#33 AR-1260-3

R.T.: 7.931 min  
Delta R.T.: 0.000 min  
Response: 4702322  
Conc: 26.17 ng/ml



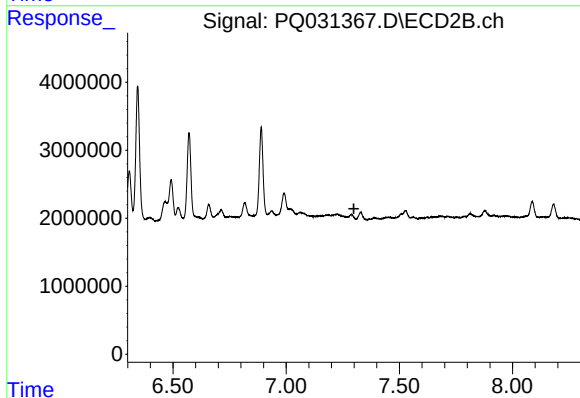
#33 AR-1260-3

R.T.: 6.817 min  
Delta R.T.: -0.009 min  
Response: 2495589  
Conc: 14.52 ng/ml



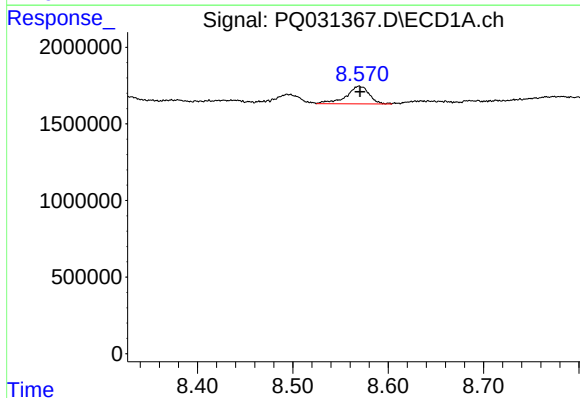
#34 AR-1260-4

R.T.: 8.230 min  
Delta R.T.: -0.007 min  
Response: 2254496  
Conc: 17.47 ng/ml



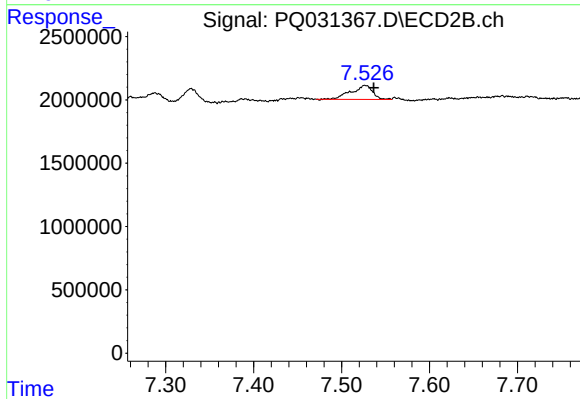
#34 AR-1260-4

R.T.: 0.000 min  
Exp R.T.: 7.299 min  
Response: 0  
Conc: N.D.



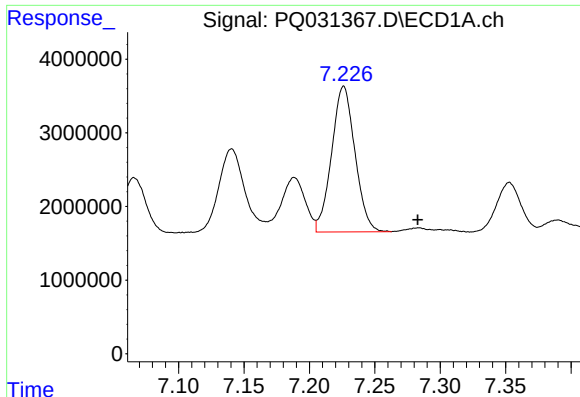
#35 AR-1260-5

R.T.: 8.570 min  
Delta R.T.: 0.000 min  
Response: 1906903  
Conc: 7.40 ng/ml



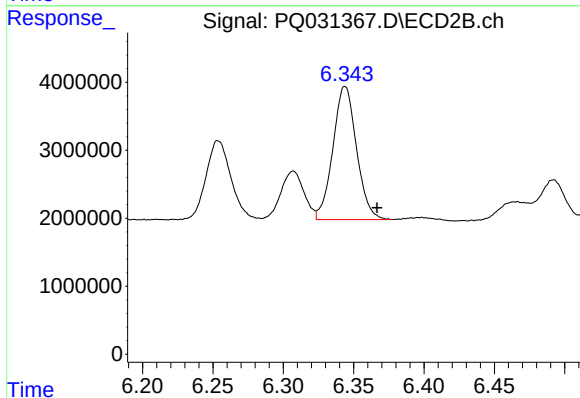
#35 AR-1260-5

R.T.: 7.527 min  
Delta R.T.: -0.010 min  
Response: 1876794  
Conc: 5.87 ng/ml



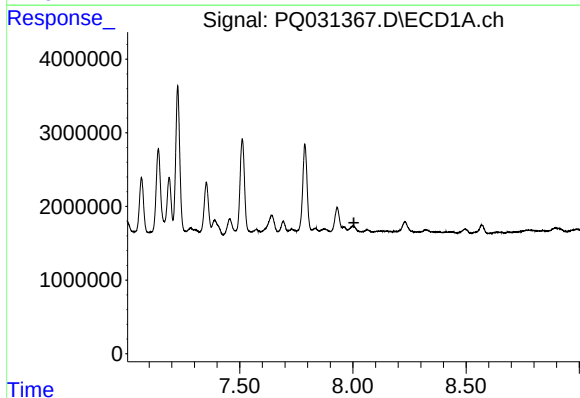
#36 AR-1262-1

R.T.: 7.226 min  
Delta R.T.: -0.057 min  
Response: 24622859  
Conc: 309.41 ng/ml



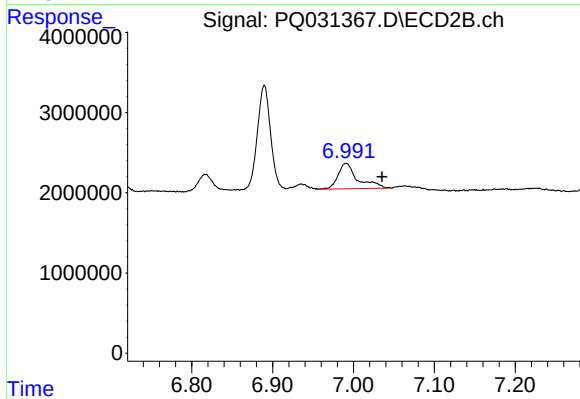
#36 AR-1262-1

R.T.: 6.344 min  
Delta R.T.: -0.023 min  
Response: 22907394  
Conc: 192.11 ng/ml



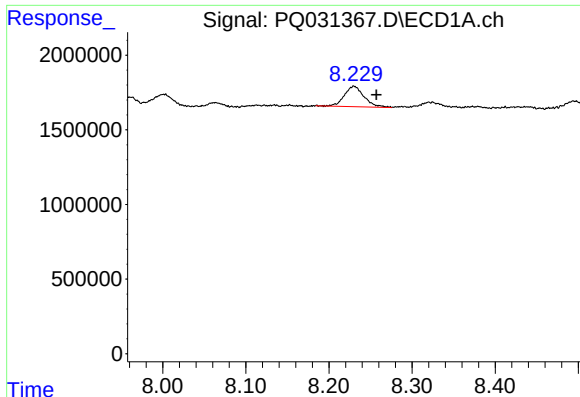
#41 AR-1268-1

R.T.: 0.000 min  
Exp R.T. : 8.004 min  
Response: 0  
Conc: N.D.



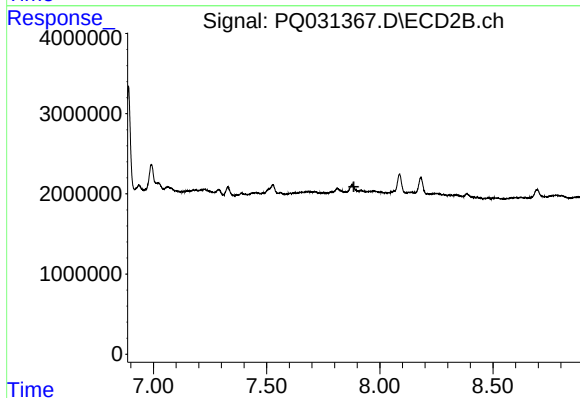
#41 AR-1268-1

R.T.: 6.991 min  
Delta R.T.: -0.045 min  
Response: 5388270  
Conc: 61.39 ng/ml



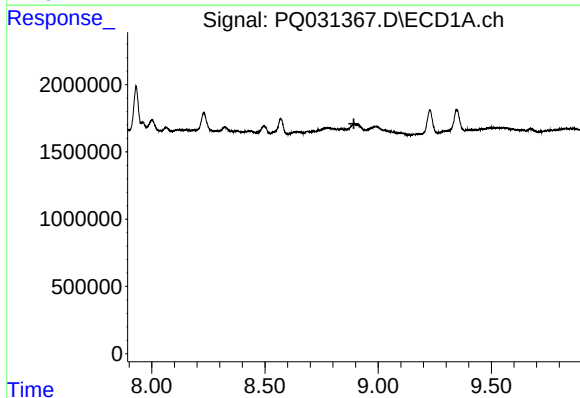
#42 AR-1268-2

R.T.: 8.230 min  
Delta R.T.: -0.027 min  
Response: 2254496  
Conc: 22.77 ng/ml



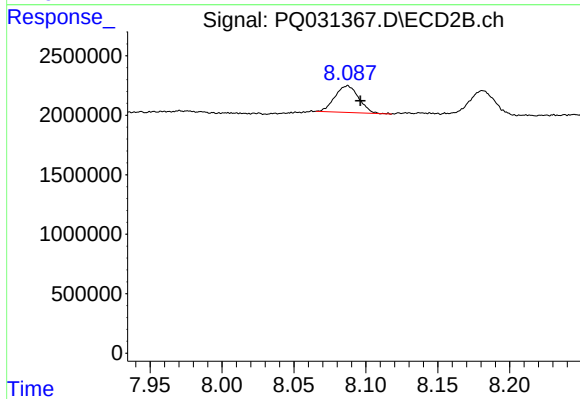
#42 AR-1268-2

R.T.: 0.000 min  
Exp R.T. : 7.886 min  
Response: 0  
Conc: N.D.



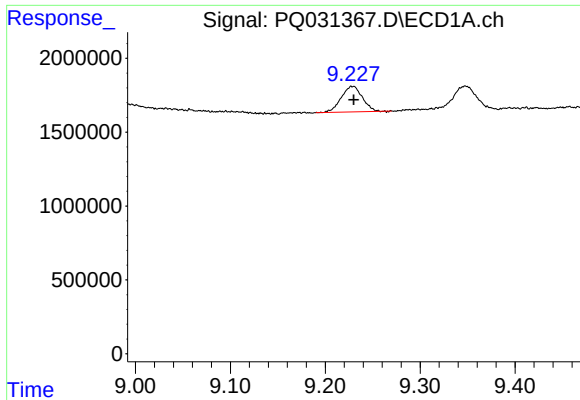
#43 AR-1268-3

R.T.: 0.000 min  
Exp R.T. : 8.893 min  
Response: 0  
Conc: N.D.



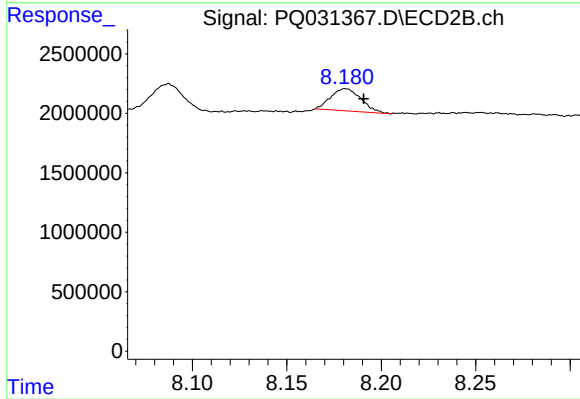
#43 AR-1268-3

R.T.: 8.087 min  
Delta R.T.: -0.009 min  
Response: 2588718  
Conc: 6.62 ng/ml



#44 AR-1268-4

R.T.: 9.229 min  
Delta R.T.: -0.001 min  
Response: 2665892  
Conc: 8.42 ng/ml



#44 AR-1268-4

R.T.: 8.181 min  
Delta R.T.: -0.009 min  
Response: 2084316  
Conc: 21.34 ng/ml