

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Data\PQ121718\  
 Data File : PQ035617.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 17 Dec 2018 20:07  
 Operator : SM\SJ  
 Sample : J6403-33  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 ECD\_Q  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Dec 18 01:33:14 2018  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Method\PQ121318.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Wed Dec 12 22:07:58 2018  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 2 µl  
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

|                             | Compound        | RT#1   | RT#2  | Resp#1   | Resp#2   | ng/ml   | ng/ml     |
|-----------------------------|-----------------|--------|-------|----------|----------|---------|-----------|
| -----                       |                 |        |       |          |          |         |           |
| System Monitoring Compounds |                 |        |       |          |          |         |           |
| 1)                          | SA Tetrachlo... | 4.430  | 3.742 | 49657379 | 27374353 | 12.692  | 12.251    |
| 2)                          | SA Decachlor... | 10.133 | 8.723 | 25242140 | 17669475 | 8.564   | 9.997     |
|                             |                 |        |       |          |          |         |           |
| Target Compounds            |                 |        |       |          |          |         |           |
| 3)                          | L1 AR-1016-1    | 0.000  | 4.762 | 0        | 4669397  | N.D.    | 60.560 #  |
| 15)                         | L3 AR-1232-5    | 5.867  | 0.000 | 1038589  | 0        | 32.796  | N.D. #    |
| 16)                         | L4 AR-1242-1    | 0.000  | 4.762 | 0        | 4669397  | N.D.    | 78.911 #  |
| 20)                         | L4 AR-1242-5    | 6.514  | 5.616 | 2018902  | 5539207  | 25.734  | 100.367 # |
| 21)                         | L5 AR-1248-1    | 0.000  | 4.762 | 0        | 4669397  | N.D.    | 118.348 # |
| 22)                         | L5 AR-1248-2    | 5.867  | 0.000 | 1038589  | 0        | 10.957  | N.D. #    |
| 24)                         | L5 AR-1248-4    | 6.472  | 0.000 | 1597355  | 0        | 12.971  | N.D. #    |
| 25)                         | L5 AR-1248-5    | 6.514  | 5.616 | 2018902  | 5539207  | 17.257  | 78.590 #  |
| 26)                         | L6 AR-1254-1    | 6.446  | 5.616 | 5875540  | 5539207  | 38.596  | 41.527    |
| 27)                         | L6 AR-1254-2    | 6.664  | 5.762 | 14566282 | 5956731  | 61.562  | 51.552    |
| 28)                         | L6 AR-1254-3    | 7.035  | 6.177 | 16856271 | 20935290 | 65.651  | 108.440 # |
| 29)                         | L6 AR-1254-4    | 7.317  | 6.392 | 4742857  | 3862982  | 26.158  | 32.100    |
| 30)                         | L6 AR-1254-5    | 7.735  | 6.806 | 20478137 | 15434554 | 104.400 | 94.771    |
| 31)                         | L7 AR-1260-1    | 7.192  | 6.291 | 14957612 | 10919464 | 81.114  | 86.809    |
| 32)                         | L7 AR-1260-2    | 7.447  | 6.480 | 33514044 | 12686989 | 154.241 | 84.013 #  |
| 33)                         | L7 AR-1260-3    | 7.806  | 6.632 | 11795495 | 8859104  | 88.051  | 63.400 #  |
| 34)                         | L7 AR-1260-4    | 8.034  | 7.099 | 14168819 | 6955771  | 85.970  | 74.909    |
| 35)                         | L7 AR-1260-5    | 8.354  | 7.342 | 21842644 | 15814632 | 73.256  | 70.476    |
| 36)                         | L8 AR-1262-1    | 7.806  | 6.840 | 11795495 | 8827542  | 53.842  | 57.520    |
| 37)                         | L8 AR-1262-2    | 8.354  | 7.342 | 21842644 | 15814632 | 57.981  | 59.262    |
| 38)                         | L8 AR-1262-3    | 8.683  | 7.620 | 9512232  | 5845905  | 39.570  | 56.328 #  |
| 39)                         | L8 AR-1262-4    | 8.751  | 7.686 | 11893869 | 13894926 | 65.833  | 75.009    |
| 40)                         | L8 AR-1262-5    | 9.406  | 8.183 | 6163234  | 2901351  | 54.119  | 39.087 #  |
| 41)                         | L9 AR-1268-1    | 8.683  | 7.620 | 9512232  | 5845905  | 19.715  | 17.531    |
| 42)                         | L9 AR-1268-2    | 8.751  | 7.686 | 11893869 | 13894926 | 27.567  | 46.886 #  |
| 43)                         | L9 AR-1268-3    | 0.000  | 7.886 | 0        | 1650281  | N.D.    | 6.752 #   |
| 44)                         | L9 AR-1268-4    | 9.406  | 8.183 | 6163234  | 2901351  | 44.957  | 31.101 #  |
| 45)                         | L9 AR-1268-5    | 9.809  | 8.474 | 6048333  | 3464245  | 5.225   | 4.743     |
| -----                       |                 |        |       |          |          |         |           |

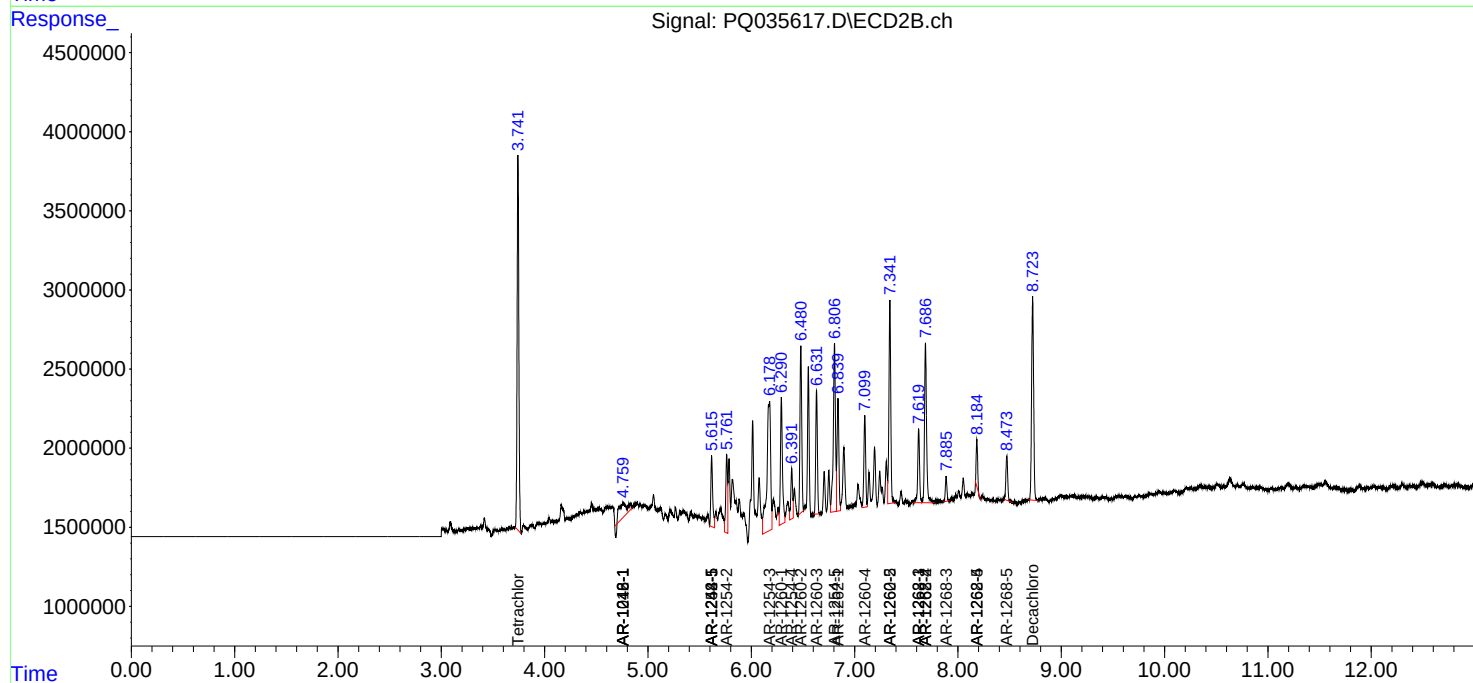
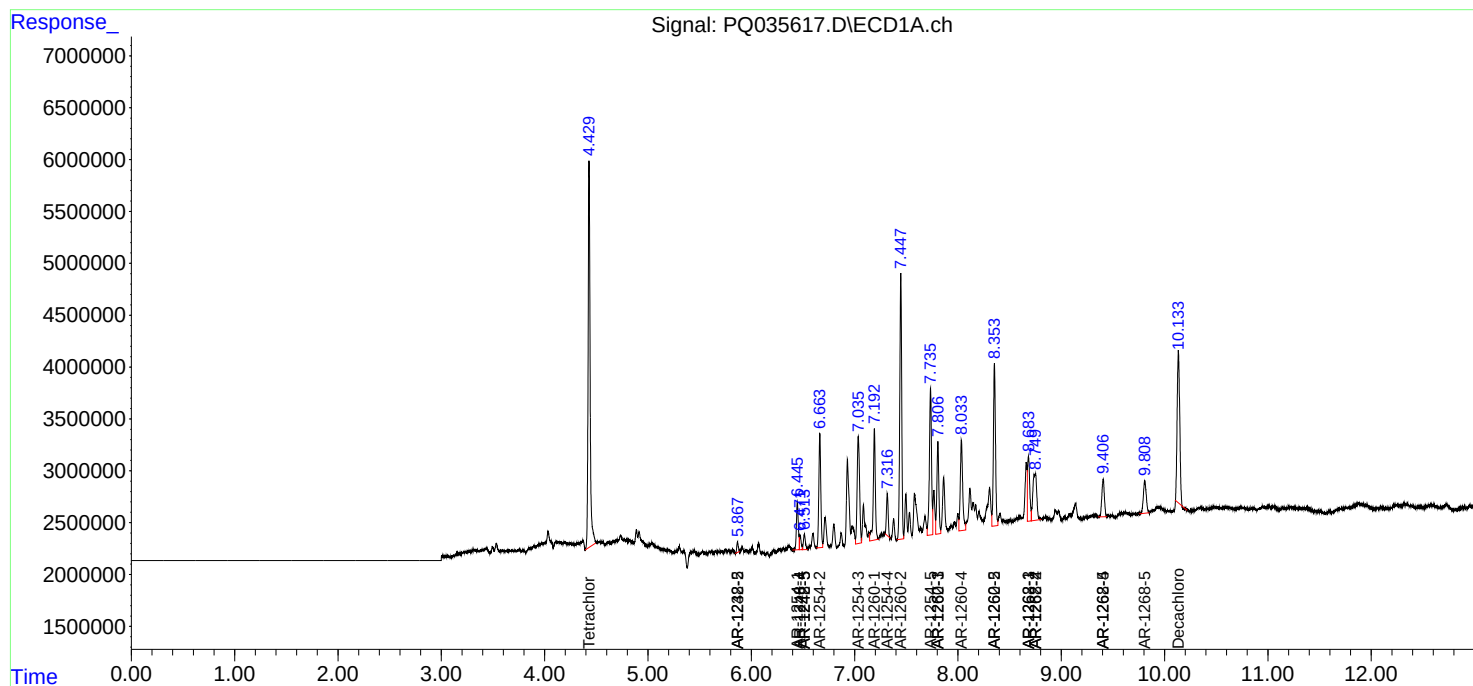
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

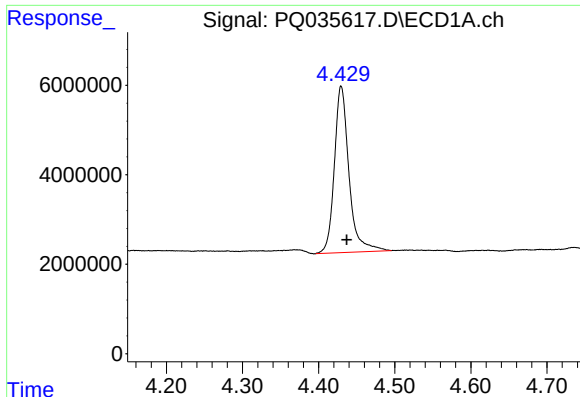
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Data\PQ121718\  
Data File : PQ035617.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 17 Dec 2018 20:07  
Operator : SM\SJ  
Sample : J6403-33  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
ECD\_Q  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Dec 18 01:33:14 2018  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Method\PQ121318.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Wed Dec 12 22:07:58 2018  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 2 µl  
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
Signal #1 Info : 30Mx0.32mmx 0.50µm Signal #2 Info : 30M x 0.32mm x 0.25µm

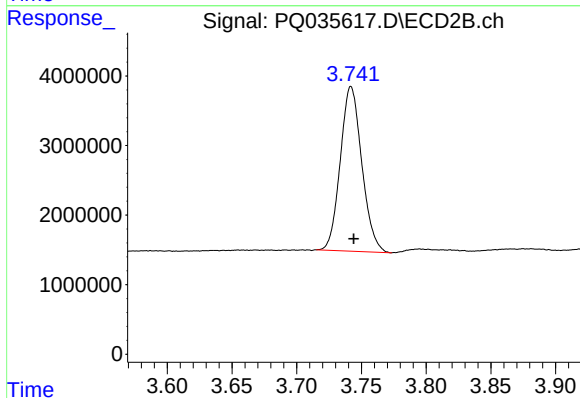




#1 Tetrachloro-m-xylene

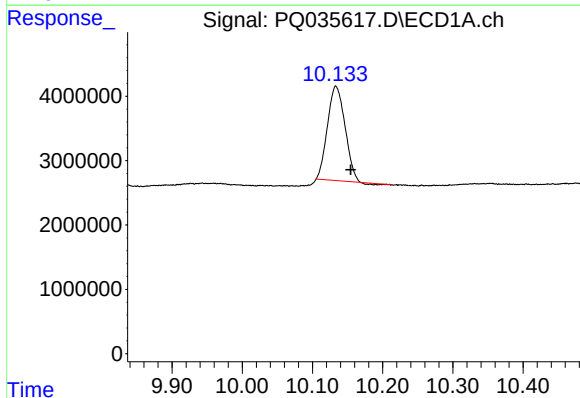
R.T.: 4.430 min  
Delta R.T.: -0.007 min  
Response: 49657379  
Conc: 12.69 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



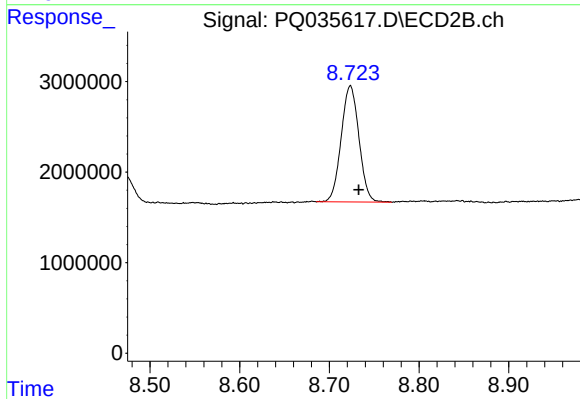
#1 Tetrachloro-m-xylene

R.T.: 3.742 min  
Delta R.T.: -0.002 min  
Response: 27374353  
Conc: 12.25 ng/ml



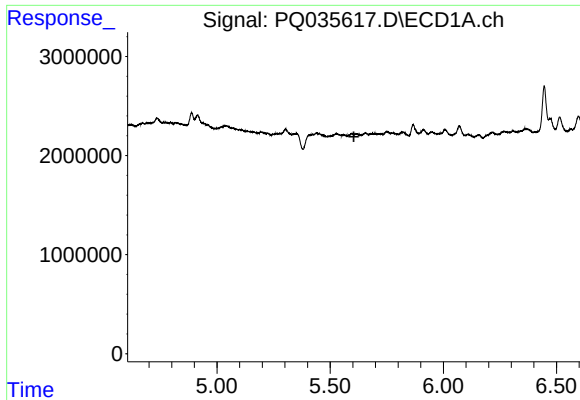
#2 Decachlorobiphenyl

R.T.: 10.133 min  
Delta R.T.: -0.021 min  
Response: 25242140  
Conc: 8.56 ng/ml



#2 Decachlorobiphenyl

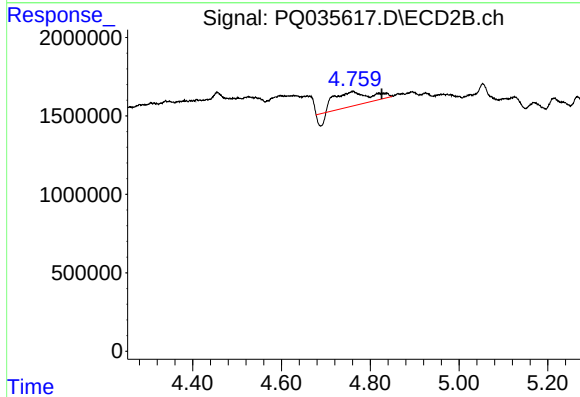
R.T.: 8.723 min  
Delta R.T.: -0.009 min  
Response: 17669475  
Conc: 10.00 ng/ml



#3 AR-1016-1

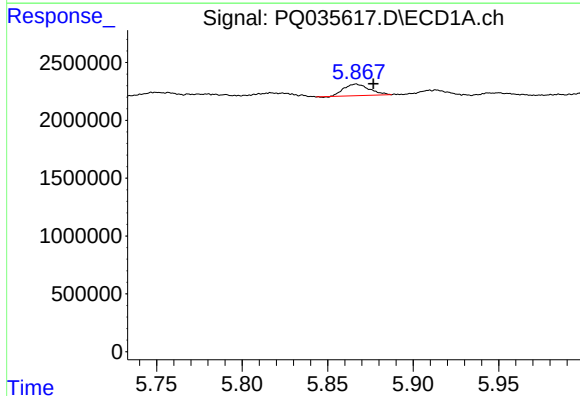
R.T.: 0.000 min  
Exp R.T.: 5.605 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :



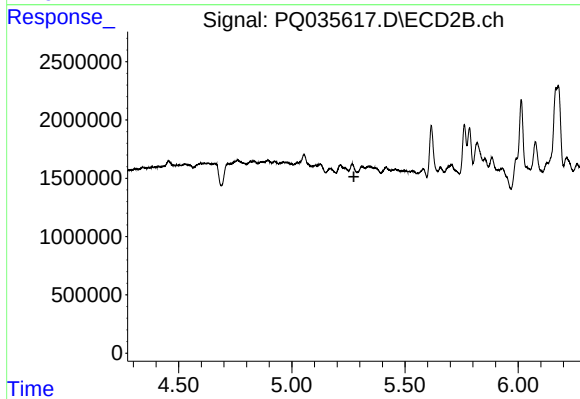
#3 AR-1016-1

R.T.: 4.762 min  
Delta R.T.: -0.064 min  
Response: 4669397  
Conc: 60.56 ng/ml



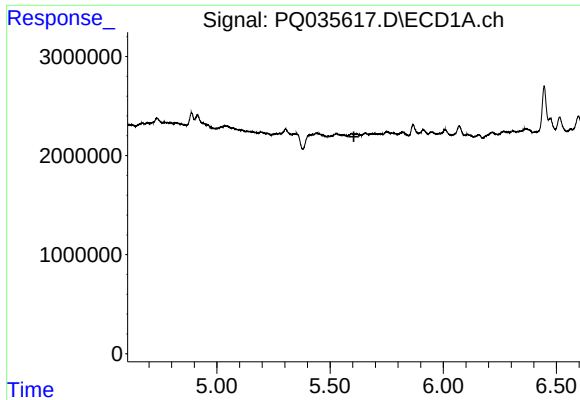
#15 AR-1232-5

R.T.: 5.867 min  
Delta R.T.: -0.010 min  
Response: 1038589  
Conc: 32.80 ng/ml



#15 AR-1232-5

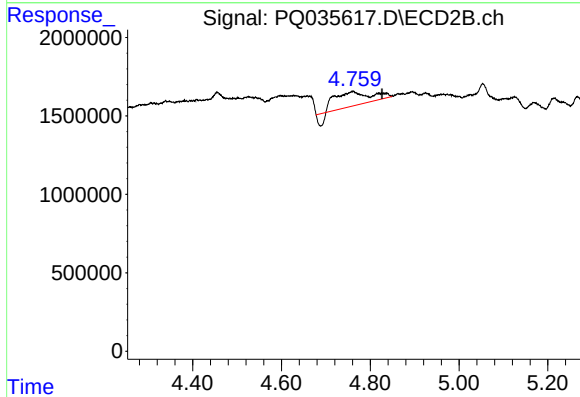
R.T.: 0.000 min  
Exp R.T.: 5.274 min  
Response: 0  
Conc: N.D.



#16 AR-1242-1

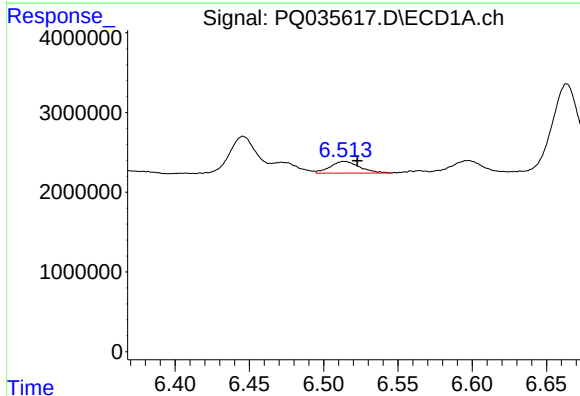
R.T.: 0.000 min  
Exp R.T.: 5.605 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :



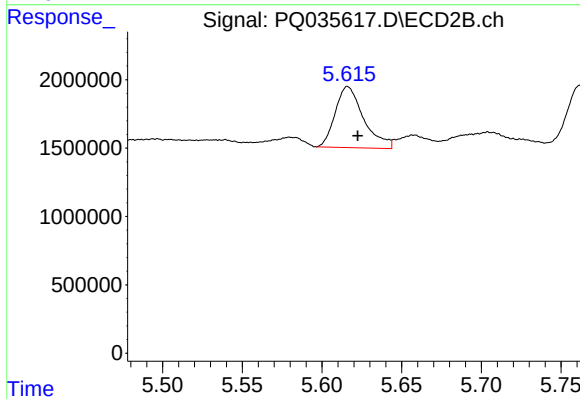
#16 AR-1242-1

R.T.: 4.762 min  
Delta R.T.: -0.065 min  
Response: 4669397  
Conc: 78.91 ng/ml



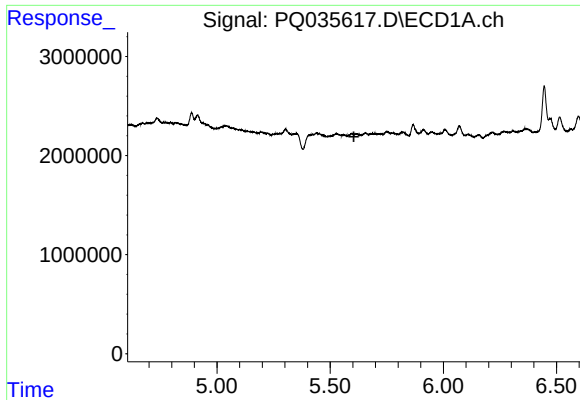
#20 AR-1242-5

R.T.: 6.514 min  
Delta R.T.: -0.009 min  
Response: 2018902  
Conc: 25.73 ng/ml



#20 AR-1242-5

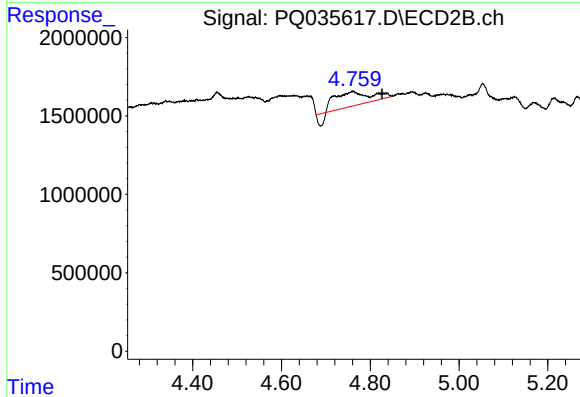
R.T.: 5.616 min  
Delta R.T.: -0.006 min  
Response: 5539207  
Conc: 100.37 ng/ml



#21 AR-1248-1

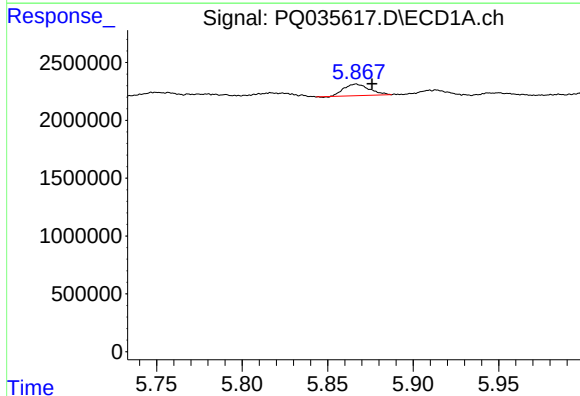
R.T.: 0.000 min  
Exp R.T.: 5.605 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :



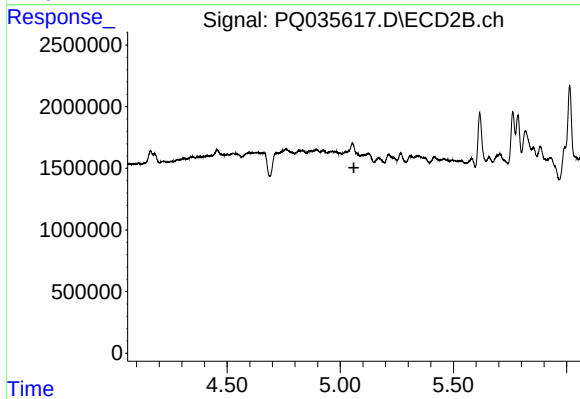
#21 AR-1248-1

R.T.: 4.762 min  
Delta R.T.: -0.065 min  
Response: 4669397  
Conc: 118.35 ng/ml



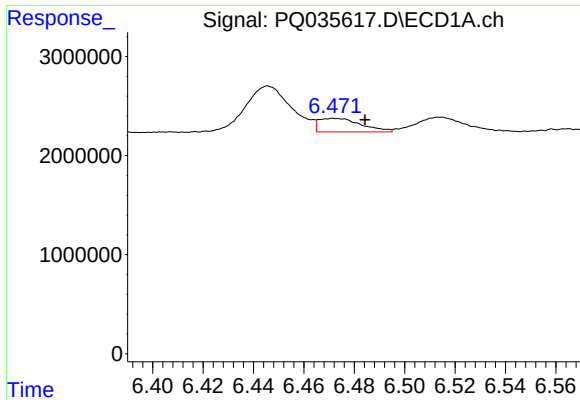
#22 AR-1248-2

R.T.: 5.867 min  
Delta R.T.: -0.009 min  
Response: 1038589  
Conc: 10.96 ng/ml



#22 AR-1248-2

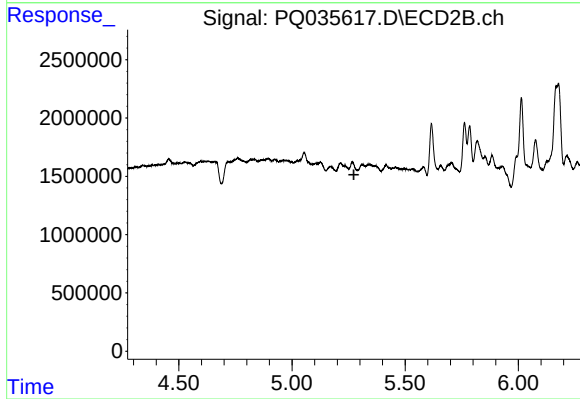
R.T.: 0.000 min  
Exp R.T.: 5.060 min  
Response: 0  
Conc: N.D.



#24 AR-1248-4

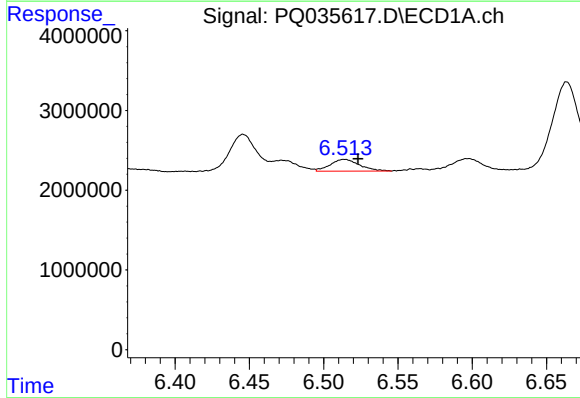
R.T.: 6.472 min  
Delta R.T.: -0.012 min  
Response: 1597355  
Conc: 12.97 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



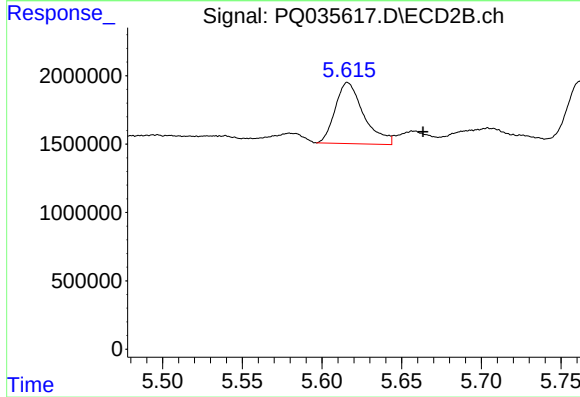
#24 AR-1248-4

R.T.: 0.000 min  
Exp R.T. : 5.274 min  
Response: 0  
Conc: N.D.



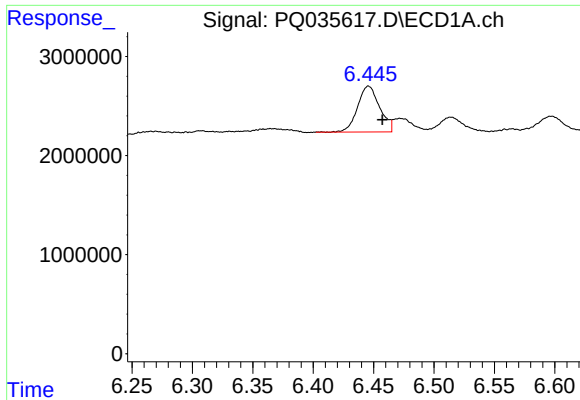
#25 AR-1248-5

R.T.: 6.514 min  
Delta R.T.: -0.009 min  
Response: 2018902  
Conc: 17.26 ng/ml



#25 AR-1248-5

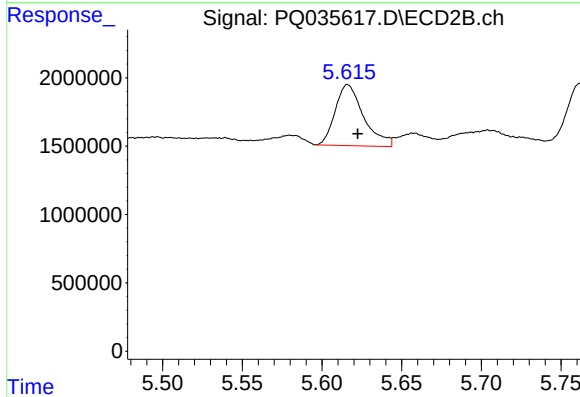
R.T.: 5.616 min  
Delta R.T.: -0.047 min  
Response: 5539207  
Conc: 78.59 ng/ml



#26 AR-1254-1

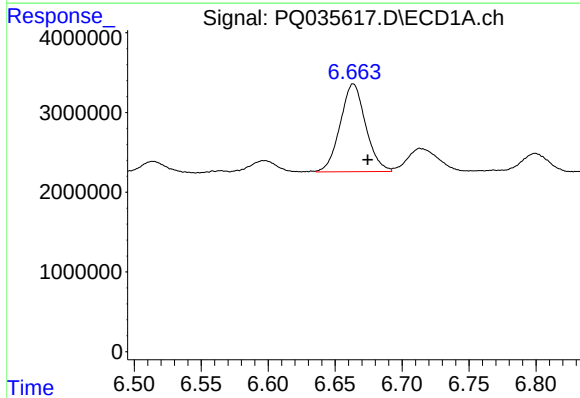
R.T.: 6.446 min  
Delta R.T.: -0.011 min  
Response: 5875540  
Conc: 38.60 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



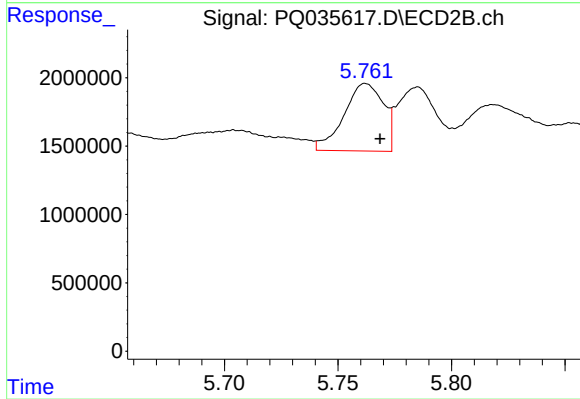
#26 AR-1254-1

R.T.: 5.616 min  
Delta R.T.: -0.006 min  
Response: 5539207  
Conc: 41.53 ng/ml



#27 AR-1254-2

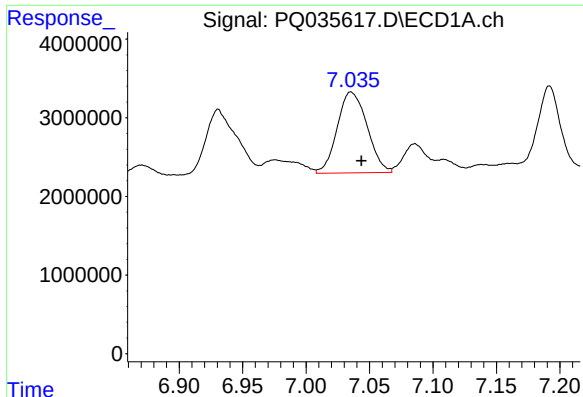
R.T.: 6.664 min  
Delta R.T.: -0.011 min  
Response: 14566282  
Conc: 61.56 ng/ml



#27 AR-1254-2

R.T.: 5.762 min  
Delta R.T.: -0.006 min  
Response: 5956731  
Conc: 51.55 ng/ml

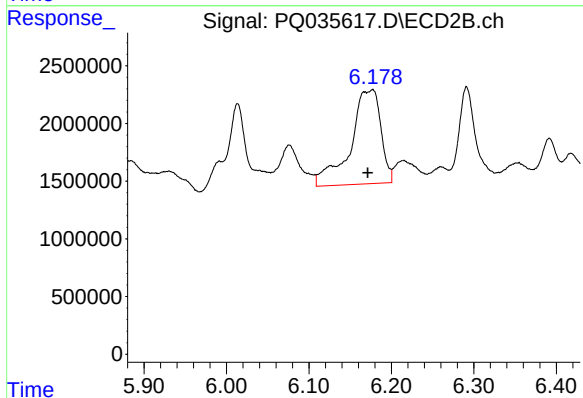




#28 AR-1254-3

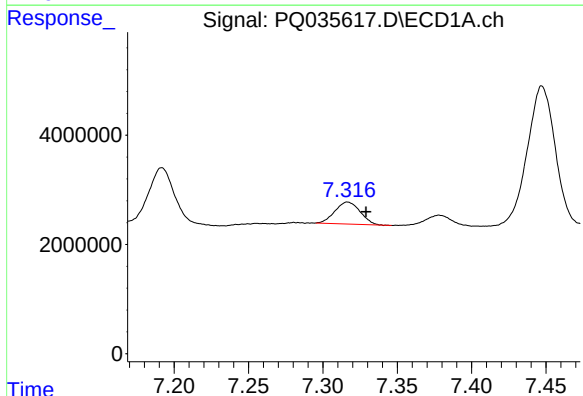
R.T.: 7.035 min  
Delta R.T.: -0.008 min  
Response: 16856271  
Conc: 65.65 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



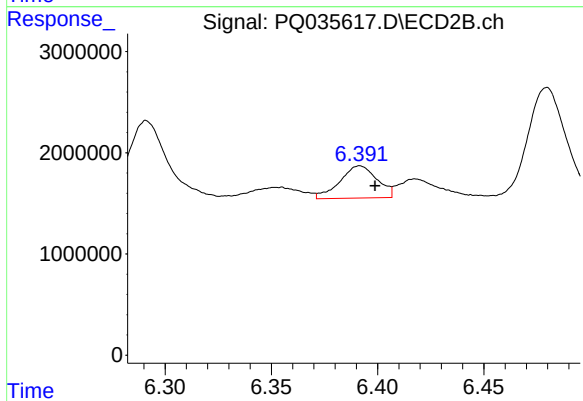
#28 AR-1254-3

R.T.: 6.177 min  
Delta R.T.: 0.006 min  
Response: 20935290  
Conc: 108.44 ng/ml



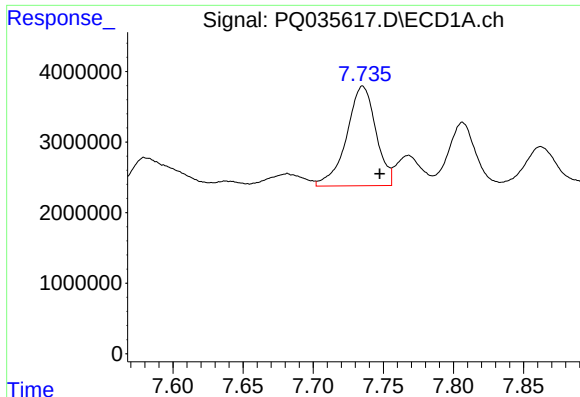
#29 AR-1254-4

R.T.: 7.317 min  
Delta R.T.: -0.012 min  
Response: 4742857  
Conc: 26.16 ng/ml



#29 AR-1254-4

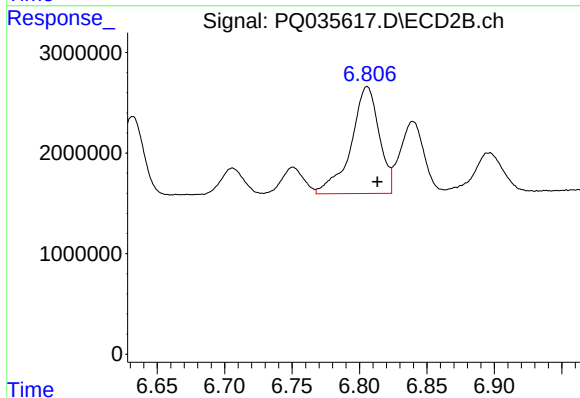
R.T.: 6.392 min  
Delta R.T.: -0.007 min  
Response: 3862982  
Conc: 32.10 ng/ml



#30 AR-1254-5

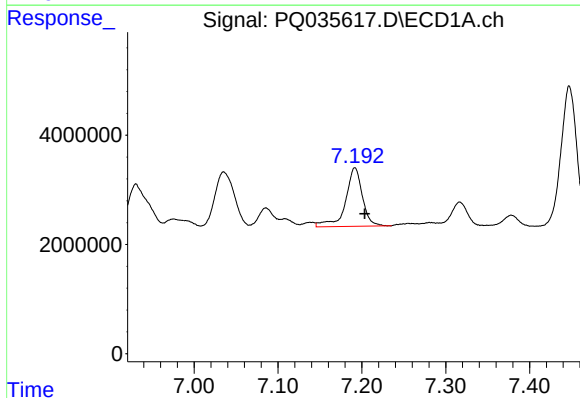
R.T.: 7.735 min  
Delta R.T.: -0.012 min  
Response: 20478137  
Conc: 104.40 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



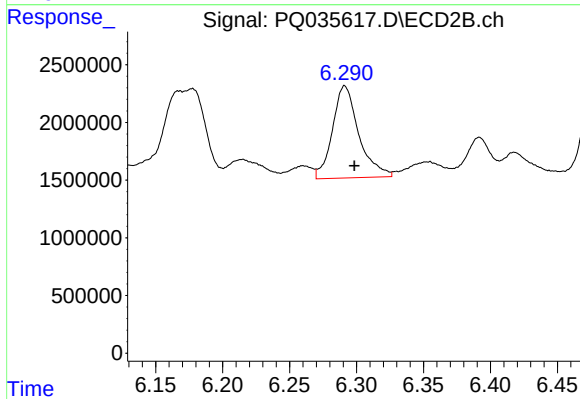
#30 AR-1254-5

R.T.: 6.806 min  
Delta R.T.: -0.008 min  
Response: 15434554  
Conc: 94.77 ng/ml



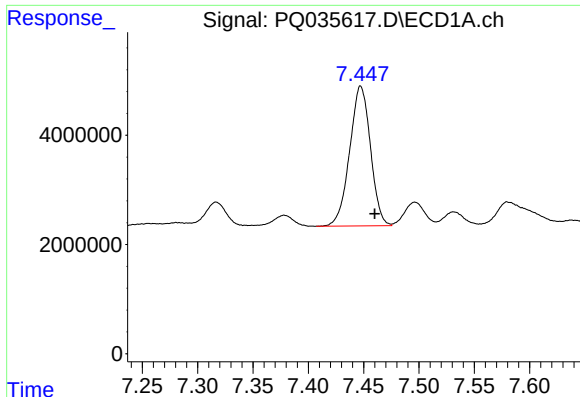
#31 AR-1260-1

R.T.: 7.192 min  
Delta R.T.: -0.012 min  
Response: 14957612  
Conc: 81.11 ng/ml



#31 AR-1260-1

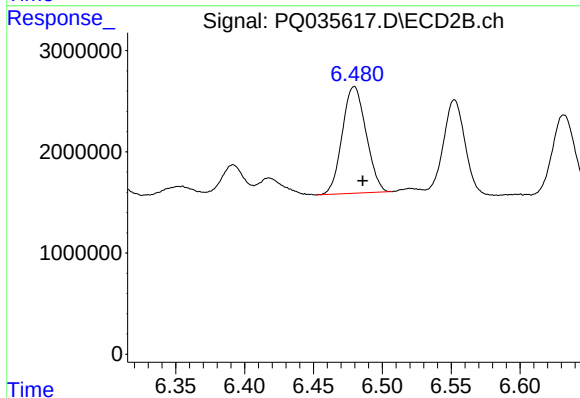
R.T.: 6.291 min  
Delta R.T.: -0.007 min  
Response: 10919464  
Conc: 86.81 ng/ml



#32 AR-1260-2

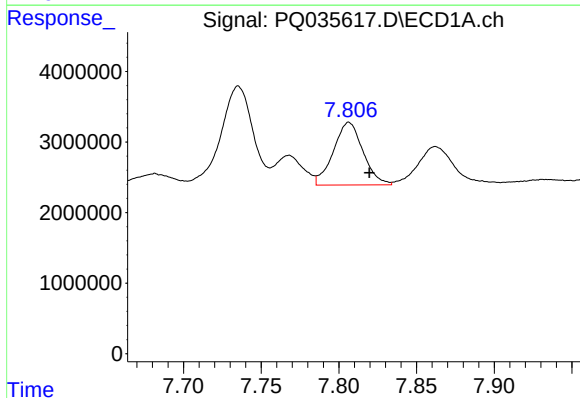
R.T.: 7.447 min  
Delta R.T.: -0.013 min  
Response: 33514044  
Conc: 154.24 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



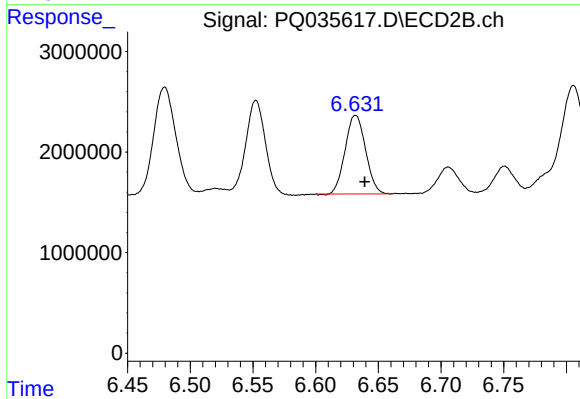
#32 AR-1260-2

R.T.: 6.480 min  
Delta R.T.: -0.006 min  
Response: 12686989  
Conc: 84.01 ng/ml



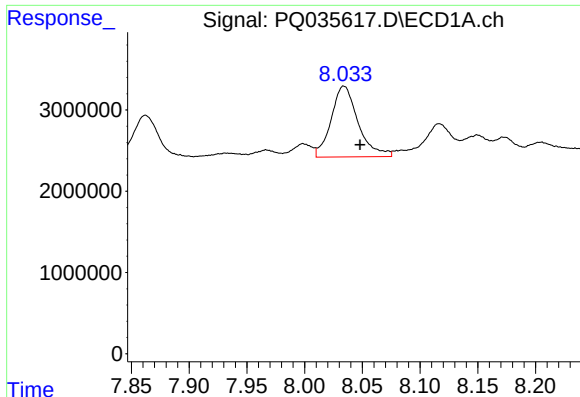
#33 AR-1260-3

R.T.: 7.806 min  
Delta R.T.: -0.013 min  
Response: 11795495  
Conc: 88.05 ng/ml



#33 AR-1260-3

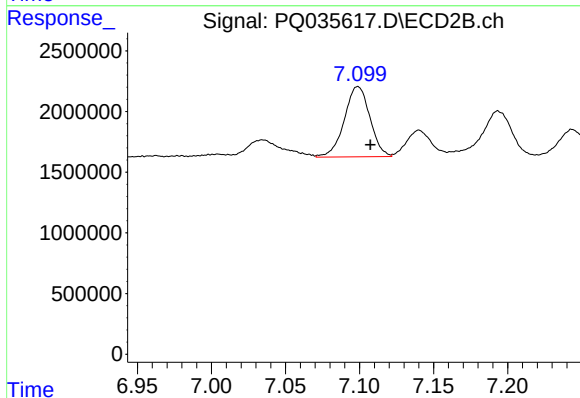
R.T.: 6.632 min  
Delta R.T.: -0.007 min  
Response: 8859104  
Conc: 63.40 ng/ml



#34 AR-1260-4

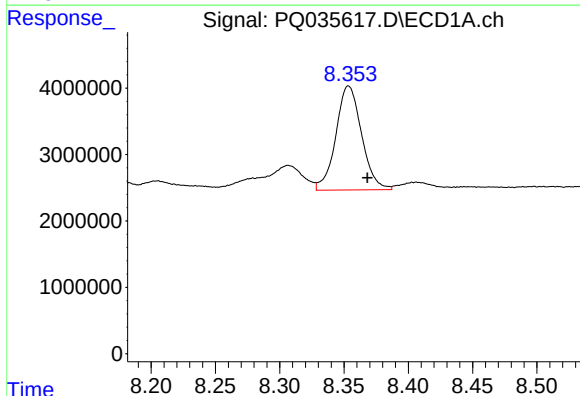
R.T.: 8.034 min  
Delta R.T.: -0.014 min  
Response: 14168819  
Conc: 85.97 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



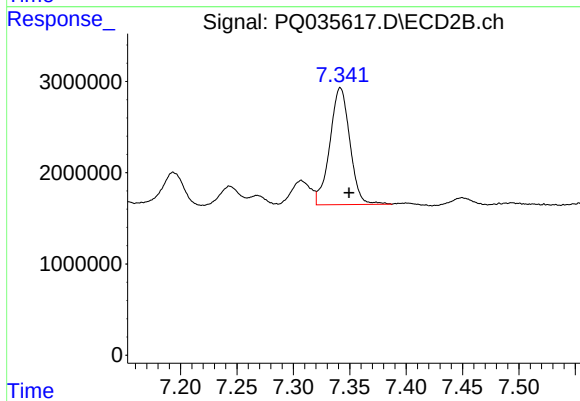
#34 AR-1260-4

R.T.: 7.099 min  
Delta R.T.: -0.009 min  
Response: 6955771  
Conc: 74.91 ng/ml



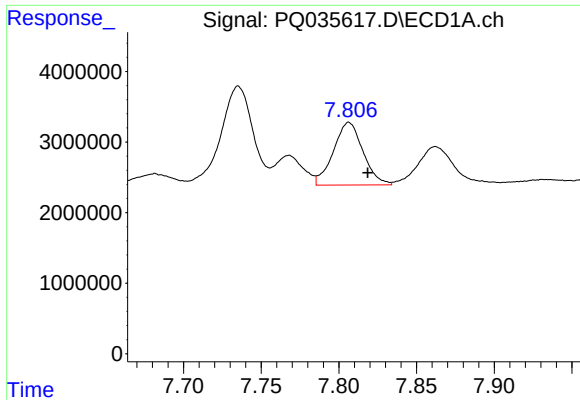
#35 AR-1260-5

R.T.: 8.354 min  
Delta R.T.: -0.015 min  
Response: 21842644  
Conc: 73.26 ng/ml



#35 AR-1260-5

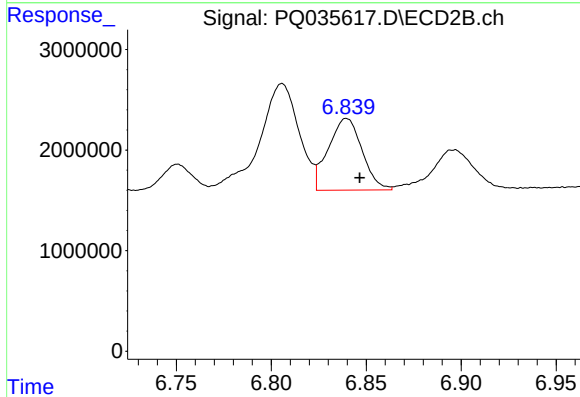
R.T.: 7.342 min  
Delta R.T.: -0.007 min  
Response: 15814632  
Conc: 70.48 ng/ml



#36 AR-1262-1

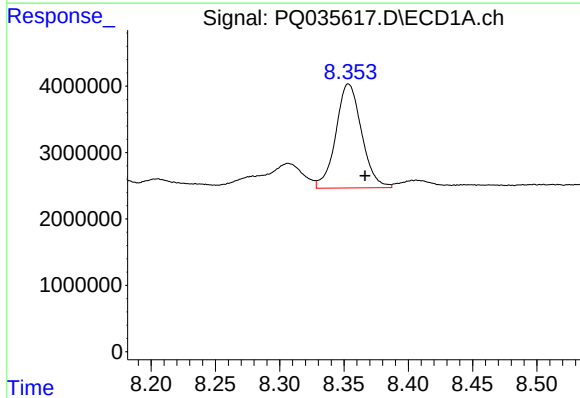
R.T.: 7.806 min  
Delta R.T.: -0.012 min  
Response: 11795495  
Conc: 53.84 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



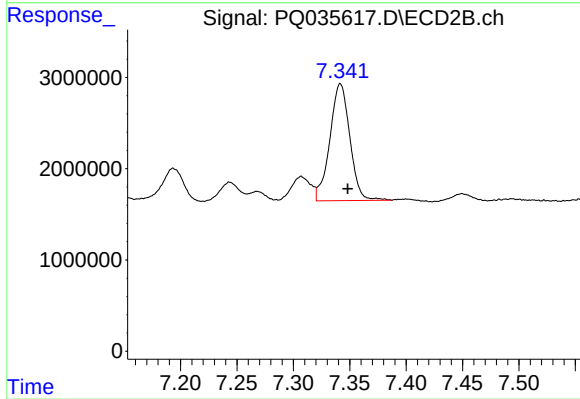
#36 AR-1262-1

R.T.: 6.840 min  
Delta R.T.: -0.007 min  
Response: 8827542  
Conc: 57.52 ng/ml



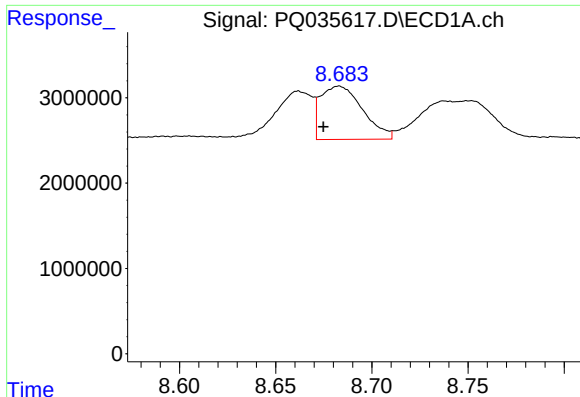
#37 AR-1262-2

R.T.: 8.354 min  
Delta R.T.: -0.013 min  
Response: 21842644  
Conc: 57.98 ng/ml



#37 AR-1262-2

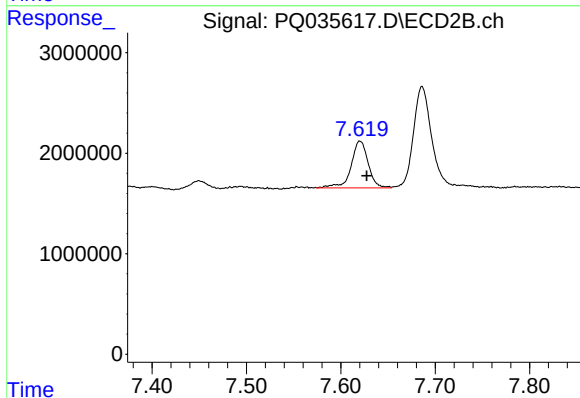
R.T.: 7.342 min  
Delta R.T.: -0.007 min  
Response: 15814632  
Conc: 59.26 ng/ml



#38 AR-1262-3

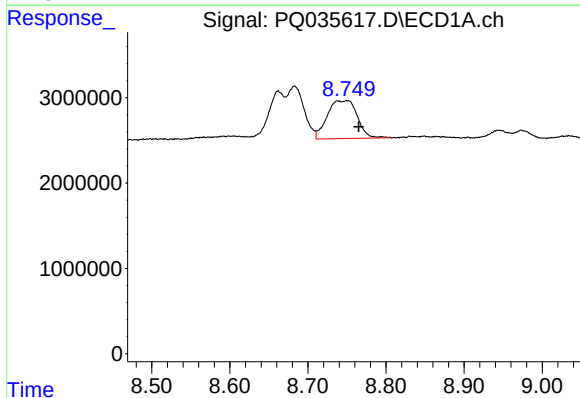
R.T.: 8.683 min  
Delta R.T.: 0.008 min  
Response: 9512232  
Conc: 39.57 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



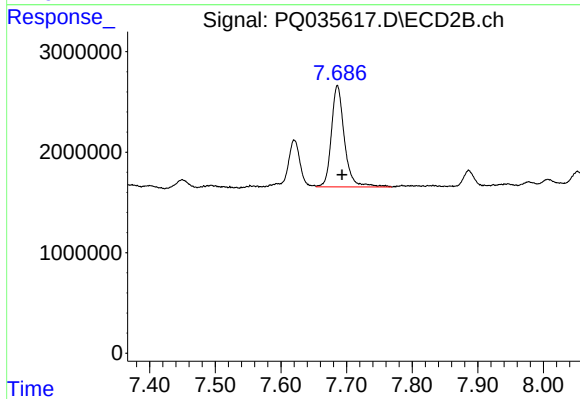
#38 AR-1262-3

R.T.: 7.620 min  
Delta R.T.: -0.007 min  
Response: 5845905  
Conc: 56.33 ng/ml



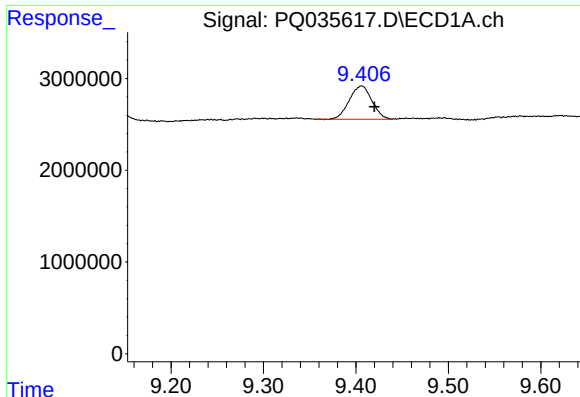
#39 AR-1262-4

R.T.: 8.751 min  
Delta R.T.: -0.014 min  
Response: 11893869  
Conc: 65.83 ng/ml



#39 AR-1262-4

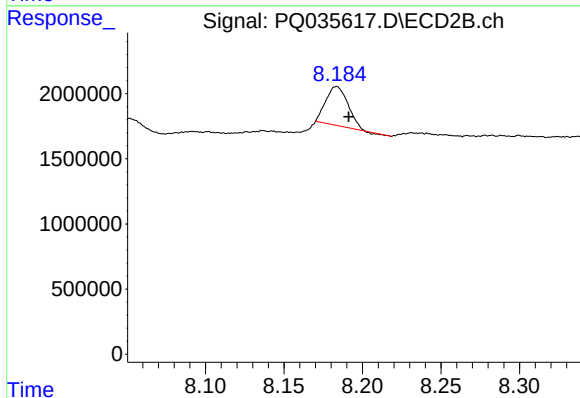
R.T.: 7.686 min  
Delta R.T.: -0.007 min  
Response: 13894926  
Conc: 75.01 ng/ml



#40 AR-1262-5

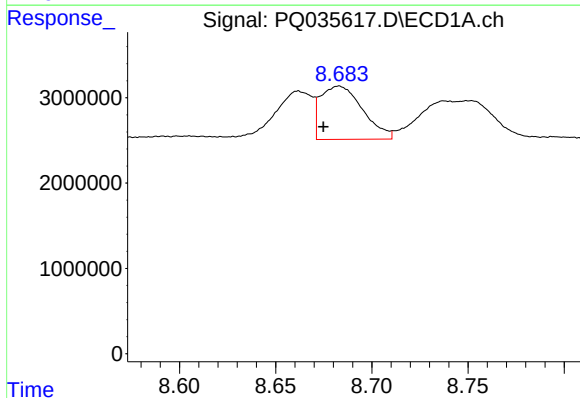
R.T.: 9.406 min  
Delta R.T.: -0.014 min  
Response: 6163234  
Conc: 54.12 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



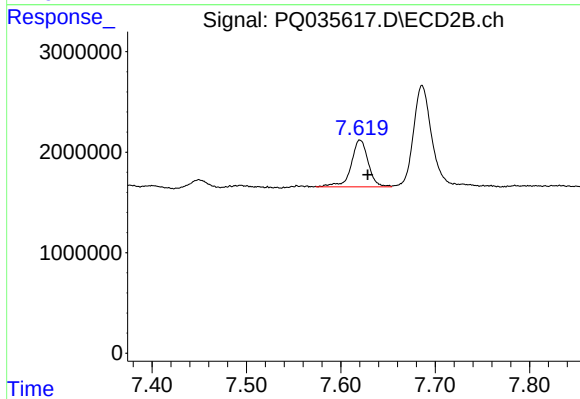
#40 AR-1262-5

R.T.: 8.183 min  
Delta R.T.: -0.008 min  
Response: 2901351  
Conc: 39.09 ng/ml



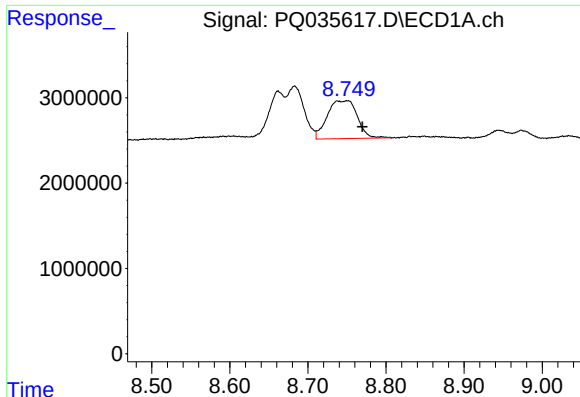
#41 AR-1268-1

R.T.: 8.683 min  
Delta R.T.: 0.008 min  
Response: 9512232  
Conc: 19.71 ng/ml



#41 AR-1268-1

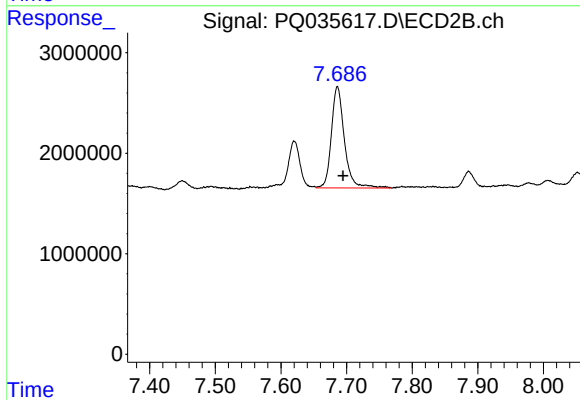
R.T.: 7.620 min  
Delta R.T.: -0.008 min  
Response: 5845905  
Conc: 17.53 ng/ml



#42 AR-1268-2

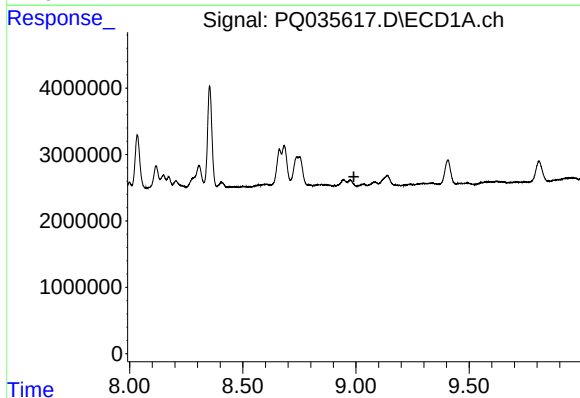
R.T.: 8.751 min  
Delta R.T.: -0.019 min  
Response: 11893869  
Conc: 27.57 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



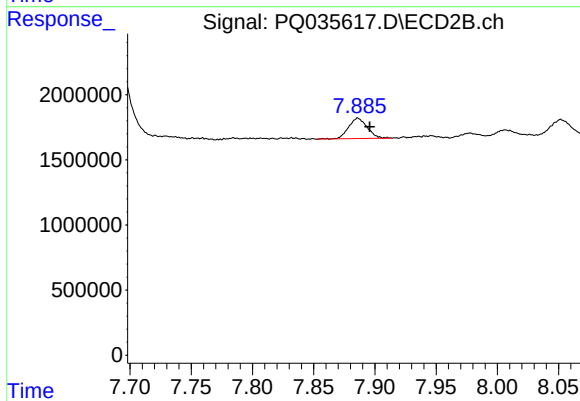
#42 AR-1268-2

R.T.: 7.686 min  
Delta R.T.: -0.009 min  
Response: 13894926  
Conc: 46.89 ng/ml



#43 AR-1268-3

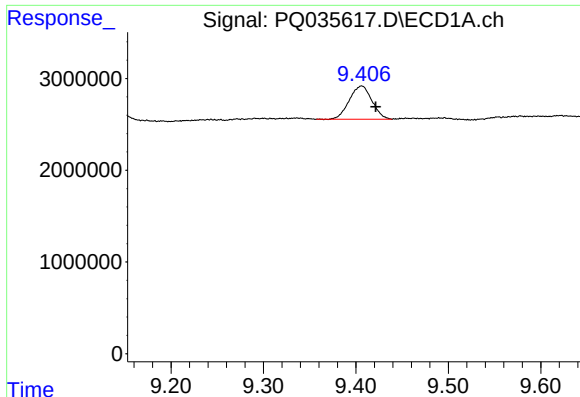
R.T.: 0.000 min  
Exp R.T. : 8.991 min  
Response: 0  
Conc: N.D.



#43 AR-1268-3

R.T.: 7.886 min  
Delta R.T.: -0.010 min  
Response: 1650281  
Conc: 6.75 ng/ml

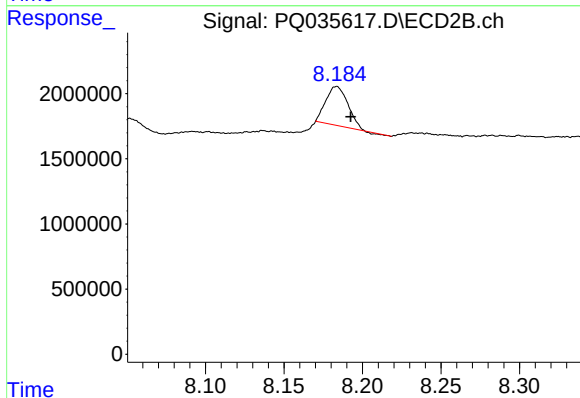




#44 AR-1268-4

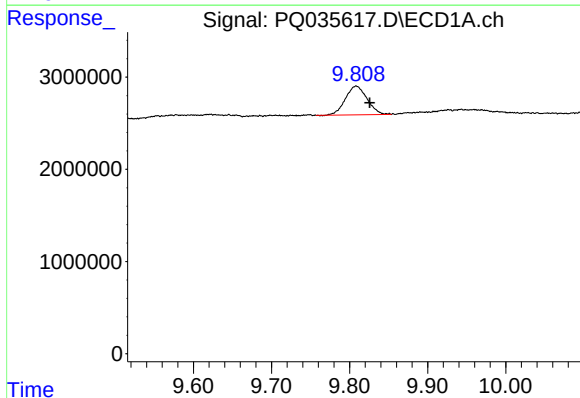
R.T.: 9.406 min  
Delta R.T.: -0.015 min  
Response: 6163234  
Conc: 44.96 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



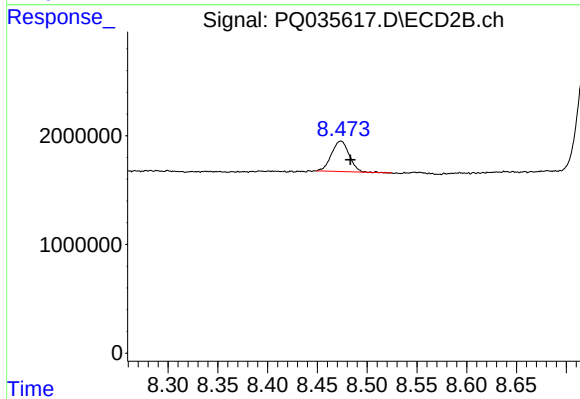
#44 AR-1268-4

R.T.: 8.183 min  
Delta R.T.: -0.009 min  
Response: 2901351  
Conc: 31.10 ng/ml



#45 AR-1268-5

R.T.: 9.809 min  
Delta R.T.: -0.017 min  
Response: 6048333  
Conc: 5.22 ng/ml



#45 AR-1268-5

R.T.: 8.474 min  
Delta R.T.: -0.010 min  
Response: 3464245  
Conc: 4.74 ng/ml