

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Data\PQ121818\  
 Data File : PQ035682.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 18 Dec 2018 17:53  
 Operator : SM\SJ  
 Sample : J6440-05  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 ECD\_Q  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Dec 19 05:01:21 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... | 4.429  | 3.743 | 52334888 | 42377882 | 13.376   | 18.966 #  |
| 2)                          | SA Decachlor... | 10.127 | 8.719 | 22960858 | 19433770 | 7.790    | 10.995 #  |
| Target Compounds            |                 |        |       |          |          |          |           |
| 3)                          | L1 AR-1016-1    | 5.574  | 4.862 | 29931978 | 3321607  | 233.940  | 43.079 #  |
| 4)                          | L1 AR-1016-2    | 5.652  | 4.862 | 7780129  | 3321607  | 40.566   | 29.353 #  |
| 5)                          | L1 AR-1016-3    | 5.678  | 5.015 | 6354018  | 4199987  | 55.518   | 71.918 #  |
| 6)                          | L1 AR-1016-4    | 5.784  | 5.057 | 7595564  | 8493585  | 79.762   | 180.635 # |
| 7)                          | L1 AR-1016-5    | 6.126  | 5.231 | 4437055  | 3063052  | 48.740   | 49.897    |
| 8)                          | L2 AR-1221-1    | 0.000  | 3.937 | 0        | 2946277  | N.D.     | 144.403 # |
| 9)                          | L2 AR-1221-2    | 4.721  | 4.097 | 25333316 | 1290253  | 994.366  | 87.293 #  |
| 10)                         | L2 AR-1221-3    | 4.819  | 4.097 | 5171178  | 1290253  | 62.138   | 26.559 #  |
| 11)                         | L3 AR-1232-1    | 4.819  | 4.097 | 5171178  | 1290253  | 71.113   | 29.303 #  |
| 12)                         | L3 AR-1232-2    | 5.315  | 4.862 | 45125468 | 3321607  | 1170.931 | 67.702 #  |
| 13)                         | L3 AR-1232-3    | 5.652  | 5.015 | 7780129  | 4199987  | 95.147   | 164.373 # |
| 14)                         | L3 AR-1232-4    | 5.784  | 5.145 | 7595564  | 3029204  | 189.688  | 132.765 # |
| 15)                         | L3 AR-1232-5    | 5.828  | 5.231 | 7036969  | 3063052  | 222.207  | 122.633 # |
| 16)                         | L4 AR-1242-1    | 5.574  | 4.862 | 29931978 | 3321607  | 310.243  | 56.134 #  |
| 17)                         | L4 AR-1242-2    | 5.652  | 4.862 | 7780129  | 3321607  | 53.624   | 38.574 #  |
| 18)                         | L4 AR-1242-3    | 5.678  | 5.015 | 6354018  | 4199987  | 73.443   | 93.260 #  |
| 19)                         | L4 AR-1242-4    | 5.784  | 5.145 | 7595564  | 3029204  | 109.794  | 68.408 #  |
| 20)                         | L4 AR-1242-5    | 6.472  | 5.619 | 7932990  | 2793496  | 101.118  | 50.616 #  |
| 21)                         | L5 AR-1248-1    | 5.574  | 4.862 | 29931978 | 3321607  | 453.474  | 84.188 #  |
| 22)                         | L5 AR-1248-2    | 5.828  | 5.057 | 7036969  | 8493585  | 74.241   | 156.495 # |
| 23)                         | L5 AR-1248-3    | 6.126  | 5.145 | 4437055  | 3029204  | 42.464   | 54.284 #  |
| 24)                         | L5 AR-1248-4    | 6.472  | 5.231 | 7932990  | 3063052  | 64.418   | 44.248 #  |
| 25)                         | L5 AR-1248-5    | 6.472  | 5.619 | 7932990  | 2793496  | 67.808   | 39.634 #  |
| 26)                         | L6 AR-1254-1    | 6.472  | 5.619 | 7932990  | 2793496  | 52.111   | 20.943 #  |
| 27)                         | L6 AR-1254-2    | 6.716  | 5.773 | 2085191  | 5047892  | 8.813    | 43.686 #  |
| 28)                         | L6 AR-1254-3    | 7.053  | 6.197 | 5215248  | 2220680  | 20.312   | 11.503 #  |
| 29)                         | L6 AR-1254-4    | 7.329  | 6.390 | 2844416  | 3573880  | 15.688   | 29.697 #  |
| 30)                         | L6 AR-1254-5    | 7.780  | 6.802 | 1038364  | 2793282  | 5.294    | 17.151 #  |
| 31)                         | L7 AR-1260-1    | 7.135  | 6.296 | 5799092  | 7643279  | 31.448   | 60.763 #  |
| 32)                         | L7 AR-1260-2    | 7.498  | 6.507 | 4458906  | 5159616  | 20.521   | 34.167 #  |
| 33)                         | L7 AR-1260-3    | 7.802  | 6.702 | 910670   | 2151067  | 6.798    | 15.394 #  |
| 34)                         | L7 AR-1260-4    | 8.071  | 7.080 | 11227606 | 1958455  | 68.124   | 21.091 #  |
| 35)                         | L7 AR-1260-5    | 0.000  | 7.360 | 0        | 4842725  | N.D.     | 21.581 #  |
| 36)                         | L8 AR-1262-1    | 7.802  | 6.874 | 910670   | 4793164  | 4.157    | 31.232 #  |
| 37)                         | L8 AR-1262-2    | 0.000  | 7.360 | 0        | 4842725  | N.D.     | 18.147 #  |
| -----                       |                 |        |       |          |          |          |           |

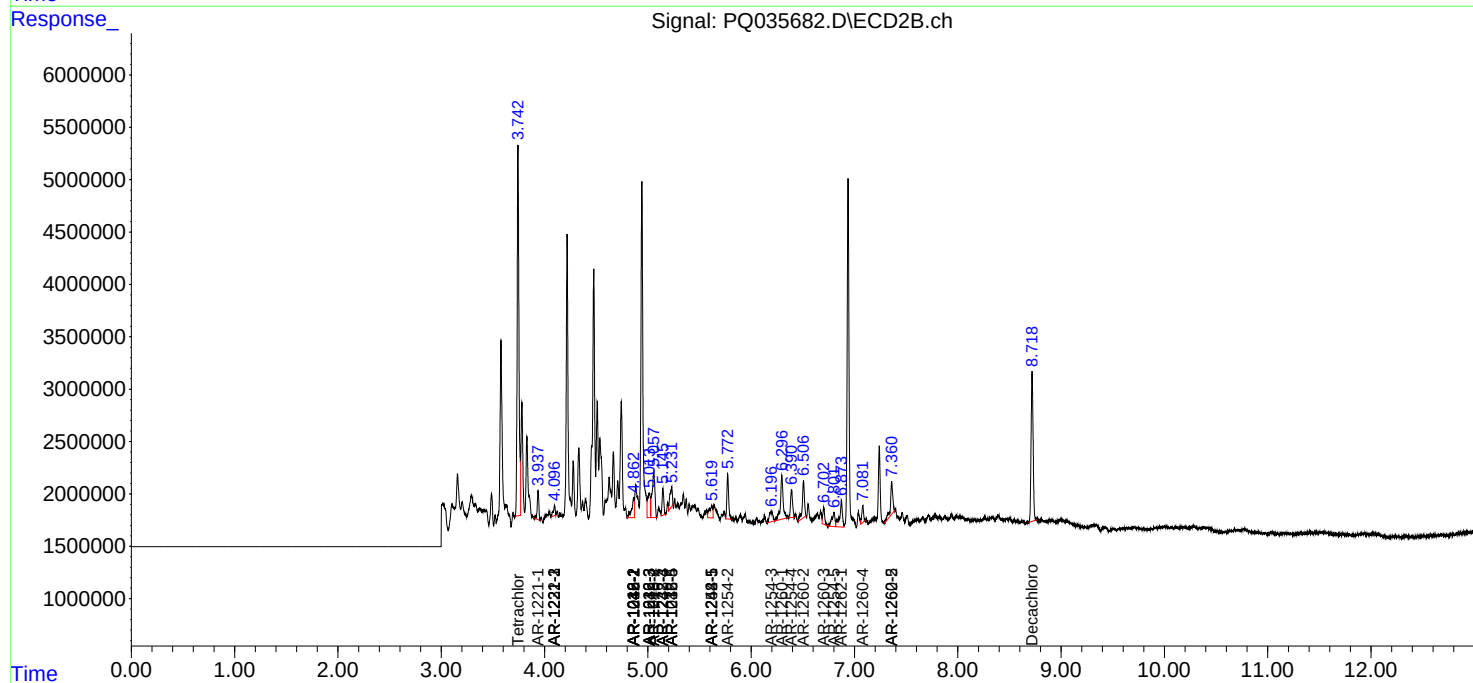
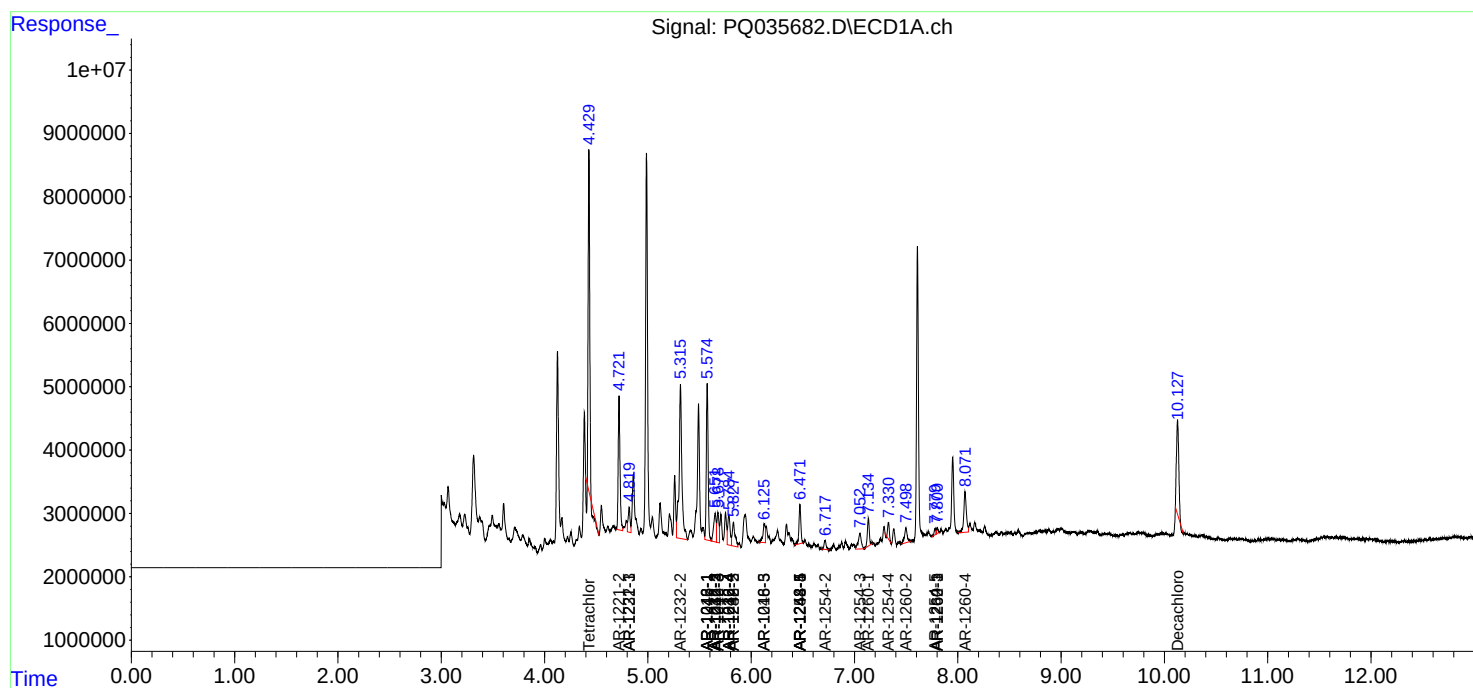
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

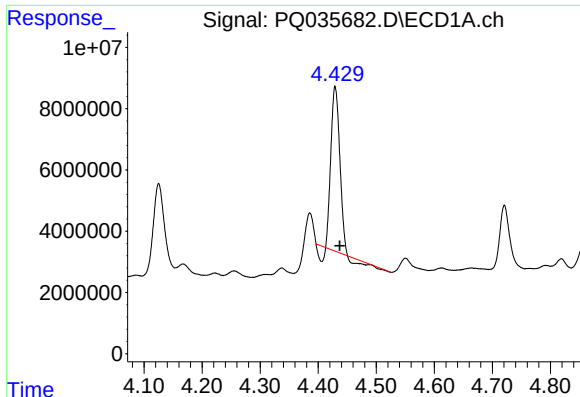
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Data\PQ121818\  
Data File : PQ035682.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 18 Dec 2018 17:53  
Operator : SM\SJ  
Sample : J6440-05  
Misc :  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
ECD\_Q  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Dec 19 05:01:21 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

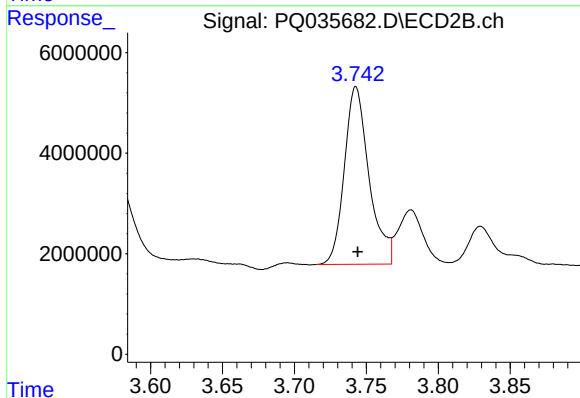




#1 Tetrachloro-m-xylene

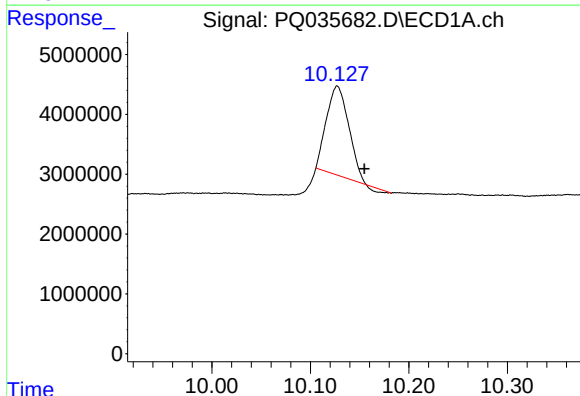
R.T.: 4.429 min  
Delta R.T.: -0.008 min  
Response: 52334888  
Conc: 13.38 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



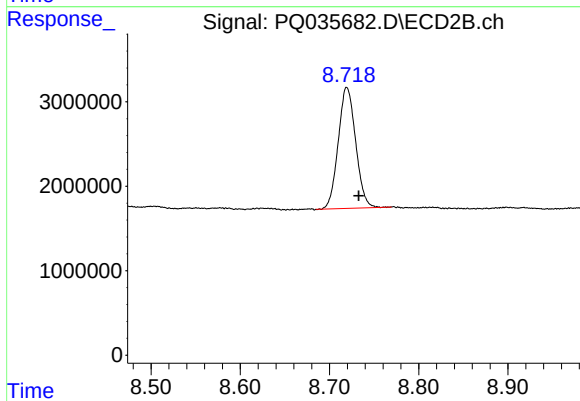
#1 Tetrachloro-m-xylene

R.T.: 3.743 min  
Delta R.T.: -0.001 min  
Response: 42377882  
Conc: 18.97 ng/ml



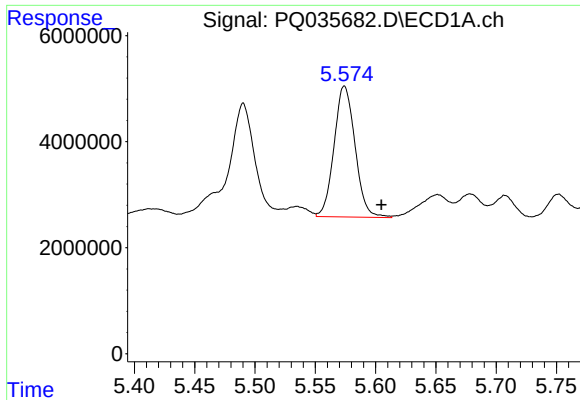
#2 Decachlorobiphenyl

R.T.: 10.127 min  
Delta R.T.: -0.027 min  
Response: 22960858  
Conc: 7.79 ng/ml



#2 Decachlorobiphenyl

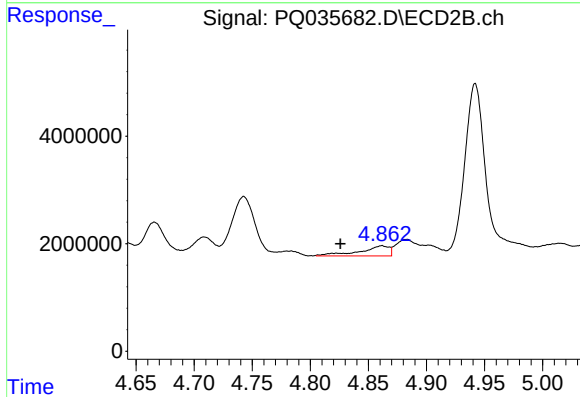
R.T.: 8.719 min  
Delta R.T.: -0.013 min  
Response: 19433770  
Conc: 11.00 ng/ml



#3 AR-1016-1

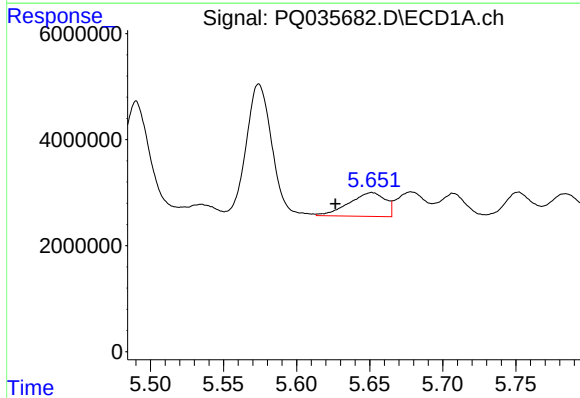
R.T.: 5.574 min  
Delta R.T.: -0.031 min  
Response: 29931978  
Conc: 233.94 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



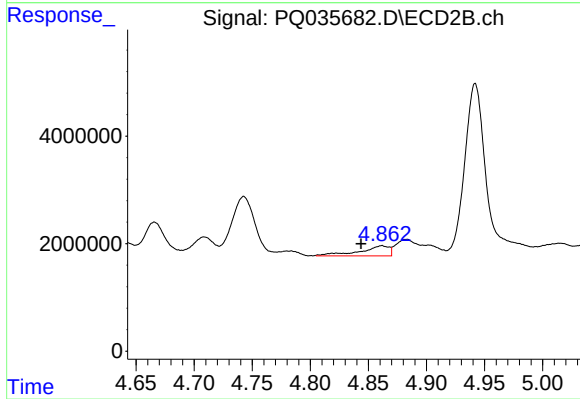
#3 AR-1016-1

R.T.: 4.862 min  
Delta R.T.: 0.036 min  
Response: 3321607  
Conc: 43.08 ng/ml



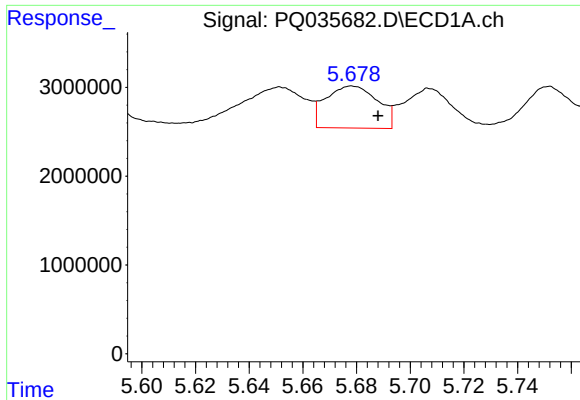
#4 AR-1016-2

R.T.: 5.652 min  
Delta R.T.: 0.025 min  
Response: 7780129  
Conc: 40.57 ng/ml



#4 AR-1016-2

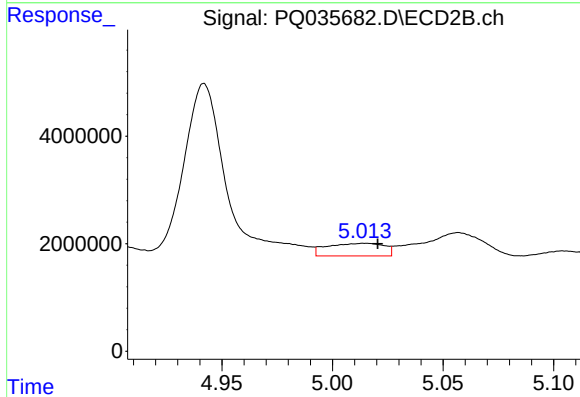
R.T.: 4.862 min  
Delta R.T.: 0.018 min  
Response: 3321607  
Conc: 29.35 ng/ml



#5 AR-1016-3

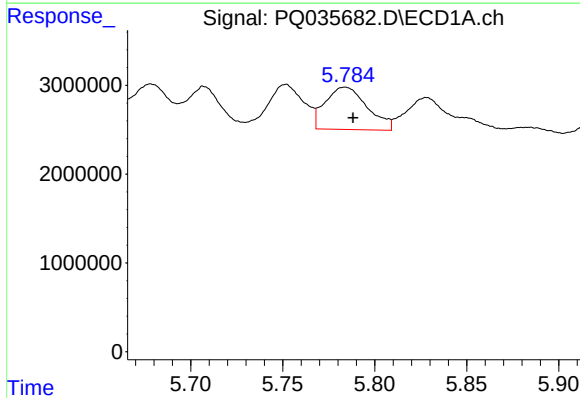
R.T.: 5.678 min  
Delta R.T.: -0.010 min  
Response: 6354018  
Conc: 55.52 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



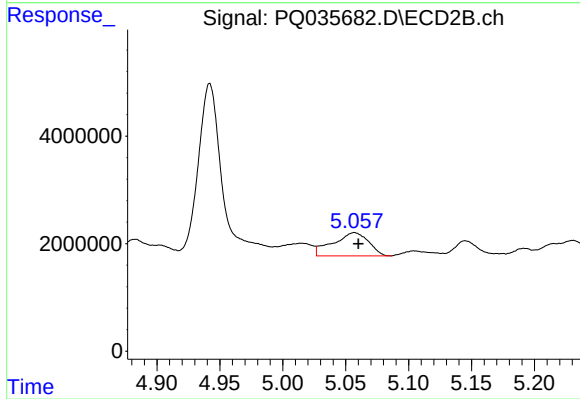
#5 AR-1016-3

R.T.: 5.015 min  
Delta R.T.: -0.006 min  
Response: 4199987  
Conc: 71.92 ng/ml



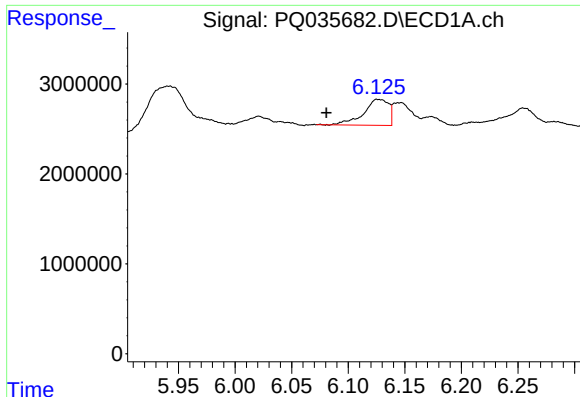
#6 AR-1016-4

R.T.: 5.784 min  
Delta R.T.: -0.004 min  
Response: 7595564  
Conc: 79.76 ng/ml



#6 AR-1016-4

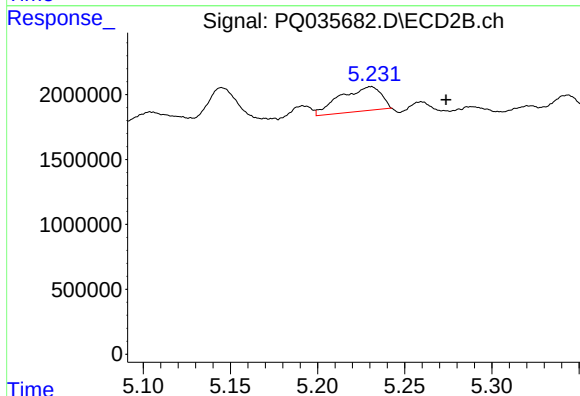
R.T.: 5.057 min  
Delta R.T.: -0.003 min  
Response: 8493585  
Conc: 180.63 ng/ml



#7 AR-1016-5

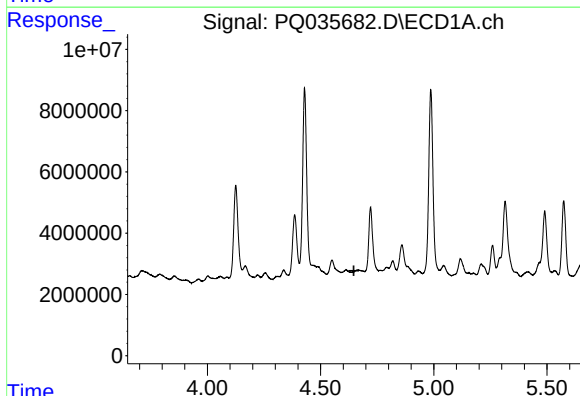
R.T.: 6.126 min  
Delta R.T.: 0.045 min  
Response: 4437055  
Conc: 48.74 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



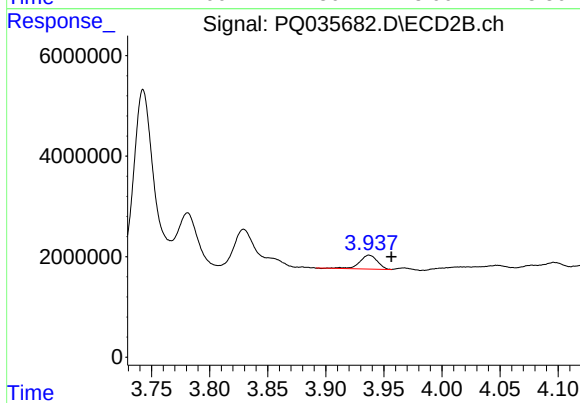
#7 AR-1016-5

R.T.: 5.231 min  
Delta R.T.: -0.043 min  
Response: 3063052  
Conc: 49.90 ng/ml



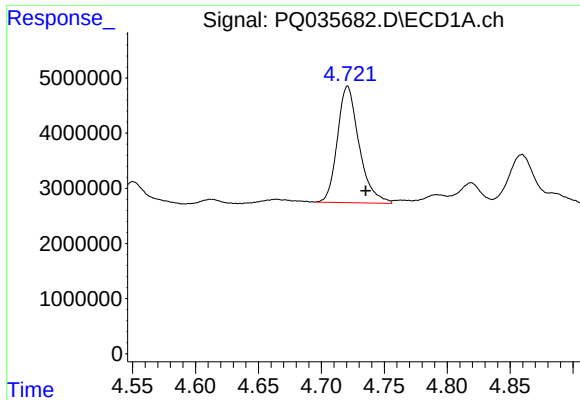
#8 AR-1221-1

R.T.: 0.000 min  
Exp R.T. : 4.647 min  
Response: 0  
Conc: N.D.



#8 AR-1221-1

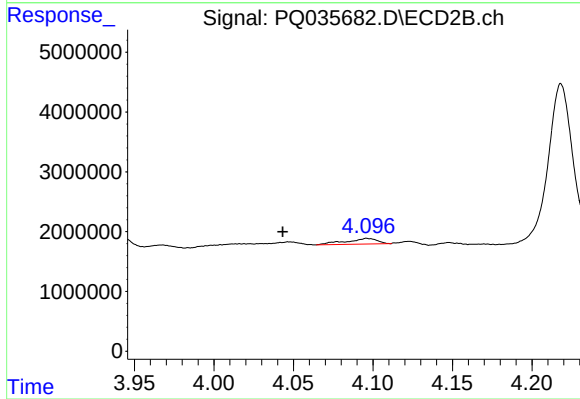
R.T.: 3.937 min  
Delta R.T.: -0.019 min  
Response: 2946277  
Conc: 144.40 ng/ml



#9 AR-1221-2

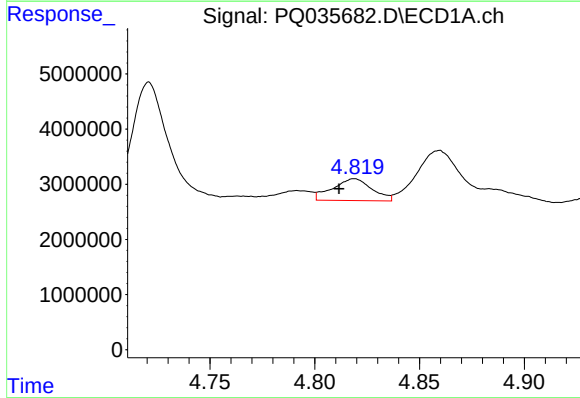
R.T.: 4.721 min  
Delta R.T.: -0.014 min  
Response: 25333316  
Conc: 994.37 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



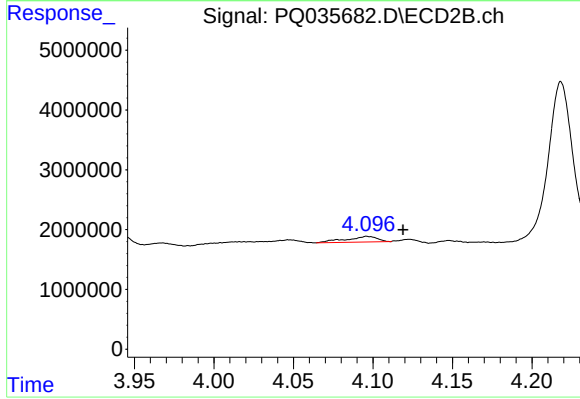
#9 AR-1221-2

R.T.: 4.097 min  
Delta R.T.: 0.053 min  
Response: 1290253  
Conc: 87.29 ng/ml



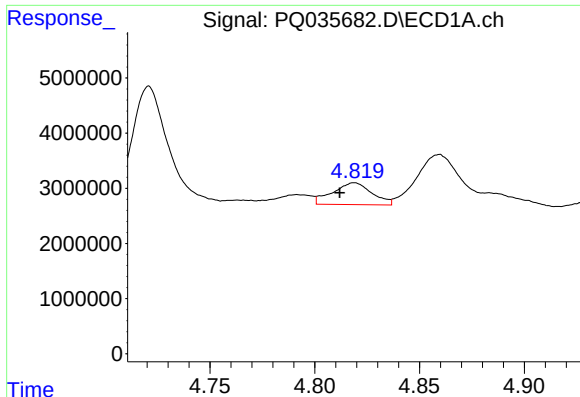
#10 AR-1221-3

R.T.: 4.819 min  
Delta R.T.: 0.007 min  
Response: 5171178  
Conc: 62.14 ng/ml



#10 AR-1221-3

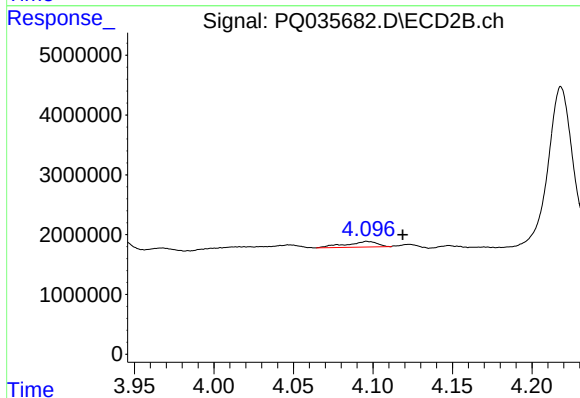
R.T.: 4.097 min  
Delta R.T.: -0.022 min  
Response: 1290253  
Conc: 26.56 ng/ml



#11 AR-1232-1

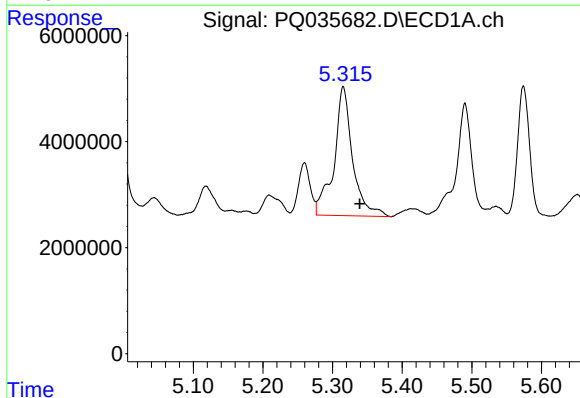
R.T.: 4.819 min  
Delta R.T.: 0.007 min  
Response: 5171178  
Conc: 71.11 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



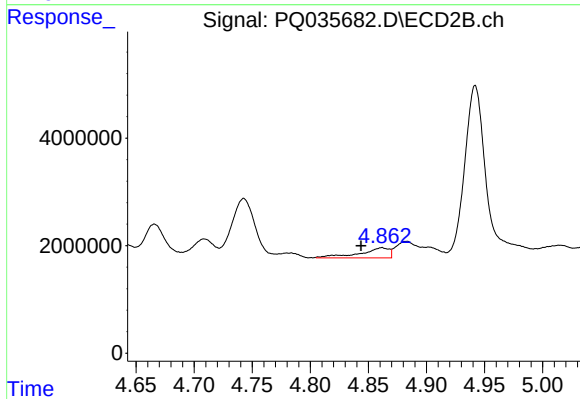
#11 AR-1232-1

R.T.: 4.097 min  
Delta R.T.: -0.022 min  
Response: 1290253  
Conc: 29.30 ng/ml



#12 AR-1232-2

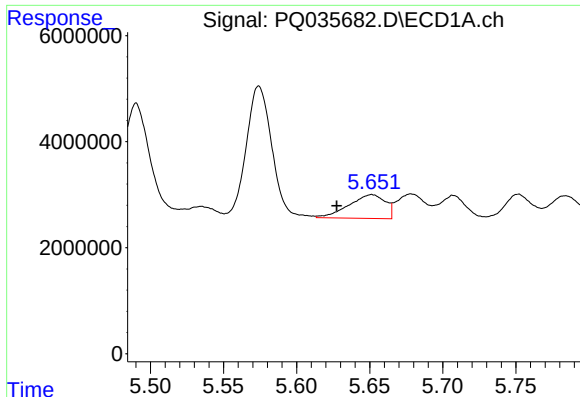
R.T.: 5.315 min  
Delta R.T.: -0.024 min  
Response: 45125468  
Conc: 1170.93 ng/ml



#12 AR-1232-2

R.T.: 4.862 min  
Delta R.T.: 0.018 min  
Response: 3321607  
Conc: 67.70 ng/ml

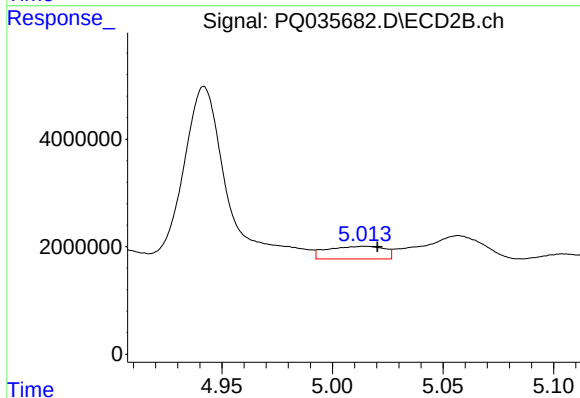




#13 AR-1232-3

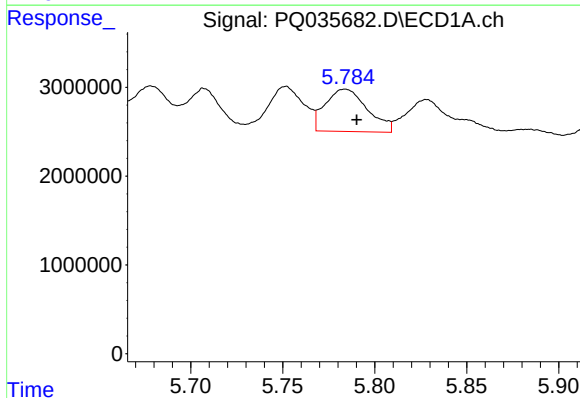
R.T.: 5.652 min  
Delta R.T.: 0.024 min  
Response: 7780129  
Conc: 95.15 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



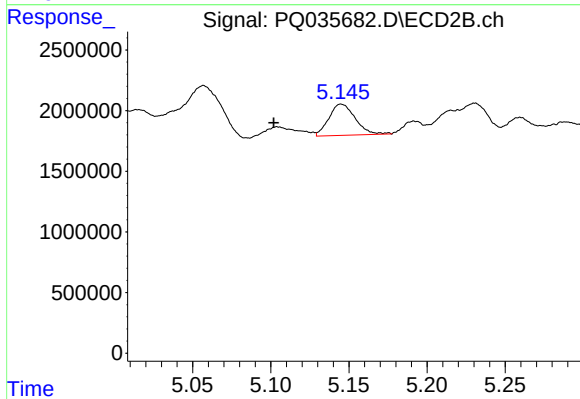
#13 AR-1232-3

R.T.: 5.015 min  
Delta R.T.: -0.006 min  
Response: 4199987  
Conc: 164.37 ng/ml



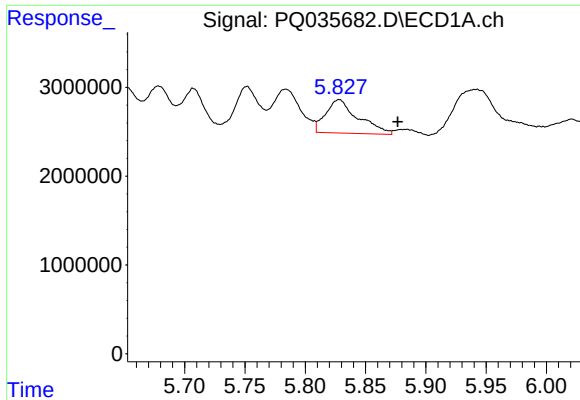
#14 AR-1232-4

R.T.: 5.784 min  
Delta R.T.: -0.006 min  
Response: 7595564  
Conc: 189.69 ng/ml



#14 AR-1232-4

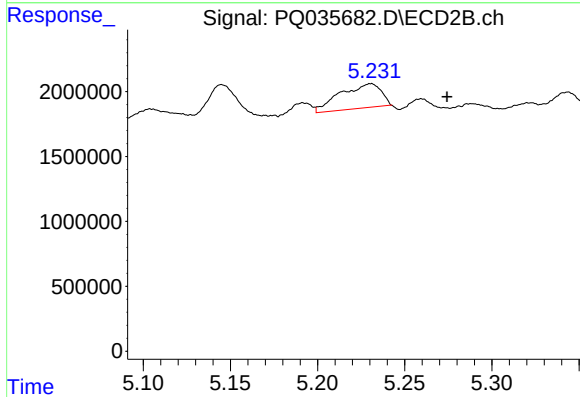
R.T.: 5.145 min  
Delta R.T.: 0.043 min  
Response: 3029204  
Conc: 132.76 ng/ml



#15 AR-1232-5

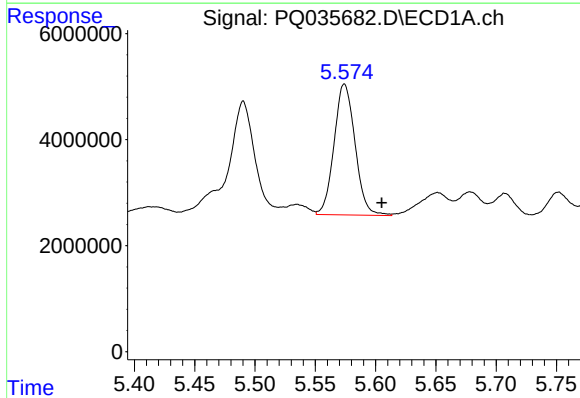
R.T.: 5.828 min  
Delta R.T.: -0.049 min  
Response: 7036969  
Conc: 222.21 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



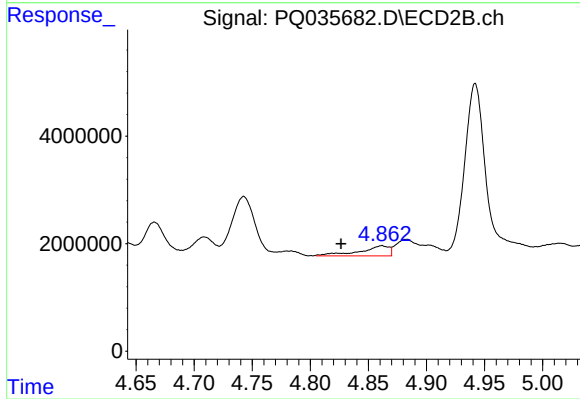
#15 AR-1232-5

R.T.: 5.231 min  
Delta R.T.: -0.044 min  
Response: 3063052  
Conc: 122.63 ng/ml



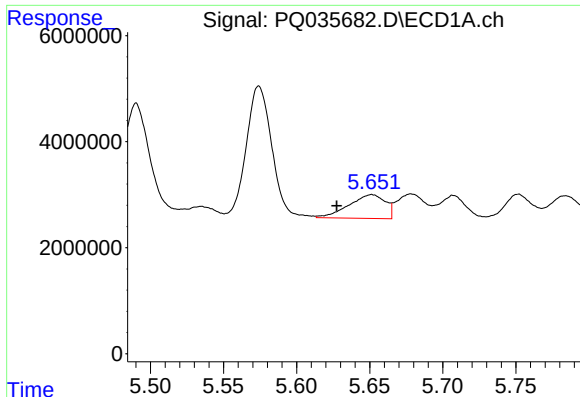
#16 AR-1242-1

R.T.: 5.574 min  
Delta R.T.: -0.031 min  
Response: 29931978  
Conc: 310.24 ng/ml



#16 AR-1242-1

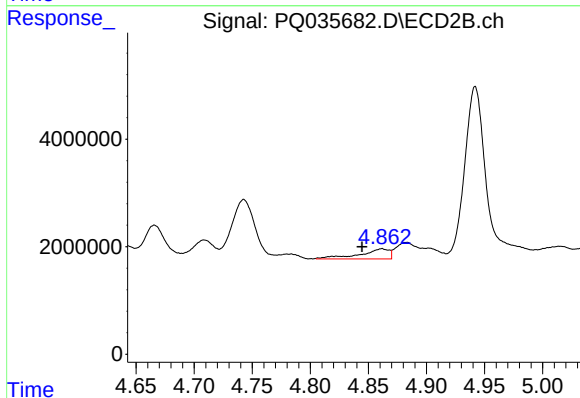
R.T.: 4.862 min  
Delta R.T.: 0.035 min  
Response: 3321607  
Conc: 56.13 ng/ml



#17 AR-1242-2

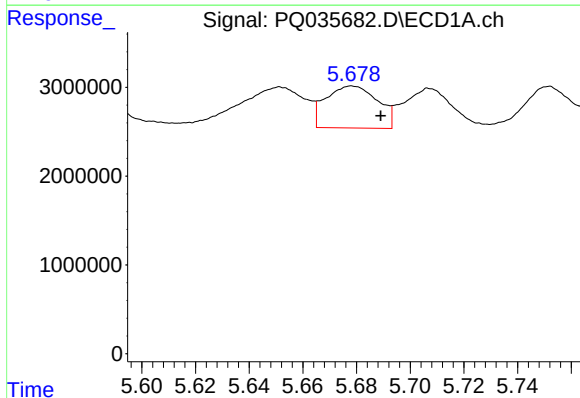
R.T.: 5.652 min  
Delta R.T.: 0.024 min  
Response: 7780129  
Conc: 53.62 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



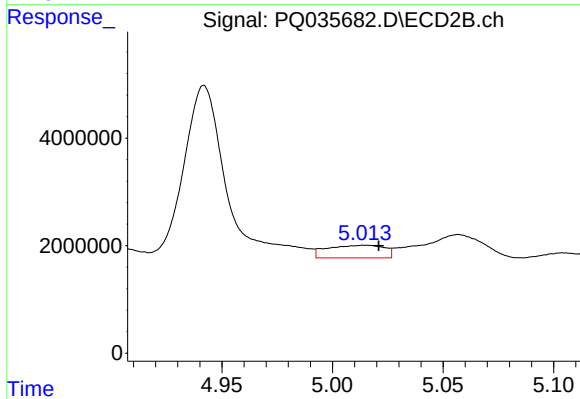
#17 AR-1242-2

R.T.: 4.862 min  
Delta R.T.: 0.017 min  
Response: 3321607  
Conc: 38.57 ng/ml



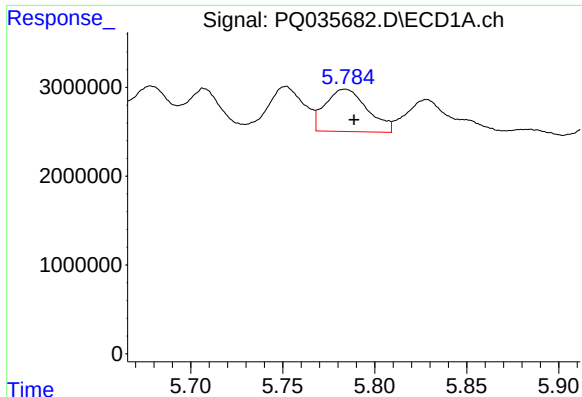
#18 AR-1242-3

R.T.: 5.678 min  
Delta R.T.: -0.011 min  
Response: 6354018  
Conc: 73.44 ng/ml



#18 AR-1242-3

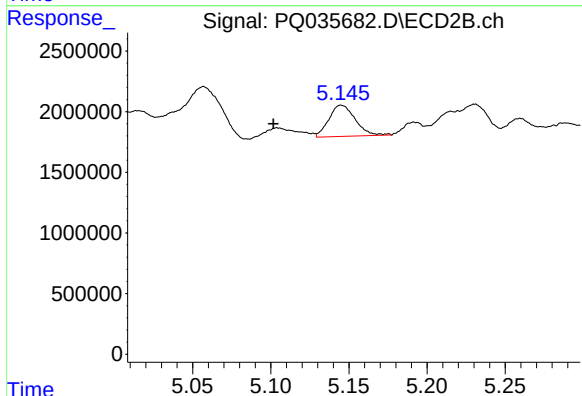
R.T.: 5.015 min  
Delta R.T.: -0.006 min  
Response: 4199987  
Conc: 93.26 ng/ml



#19 AR-1242-4

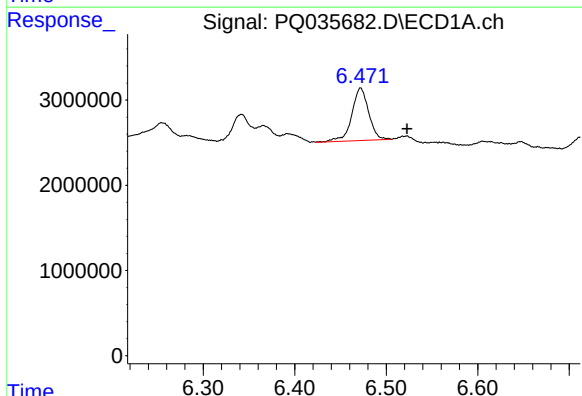
R.T.: 5.784 min  
Delta R.T.: -0.005 min  
Response: 7595564  
Conc: 109.79 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



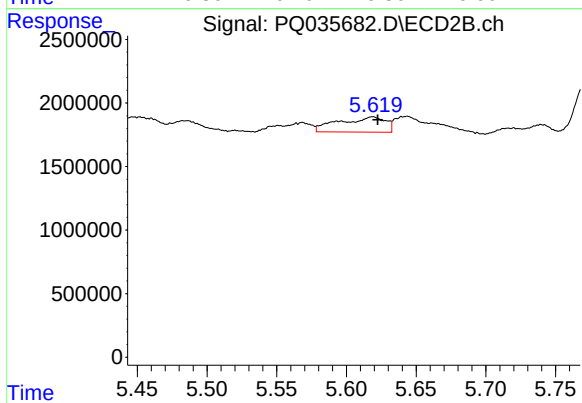
#19 AR-1242-4

R.T.: 5.145 min  
Delta R.T.: 0.043 min  
Response: 3029204  
Conc: 68.41 ng/ml



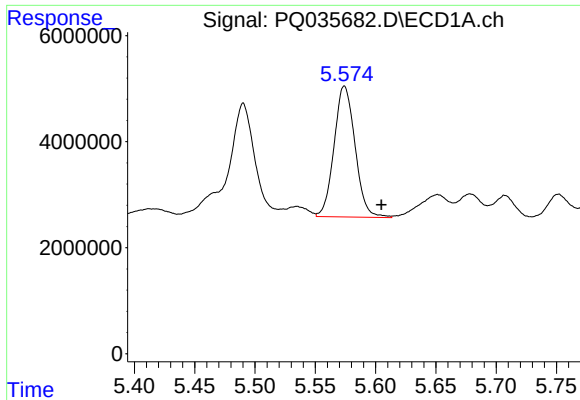
#20 AR-1242-5

R.T.: 6.472 min  
Delta R.T.: -0.051 min  
Response: 7932990  
Conc: 101.12 ng/ml



#20 AR-1242-5

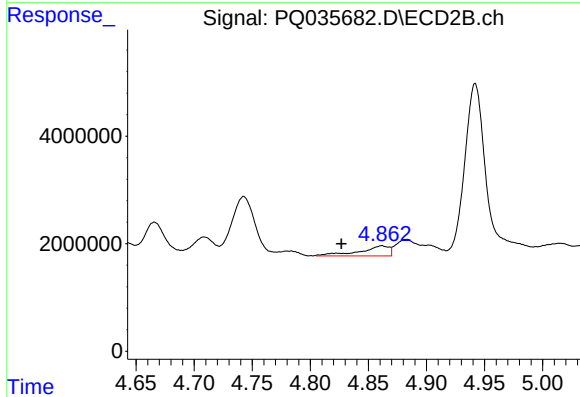
R.T.: 5.619 min  
Delta R.T.: -0.004 min  
Response: 2793496  
Conc: 50.62 ng/ml



#21 AR-1248-1

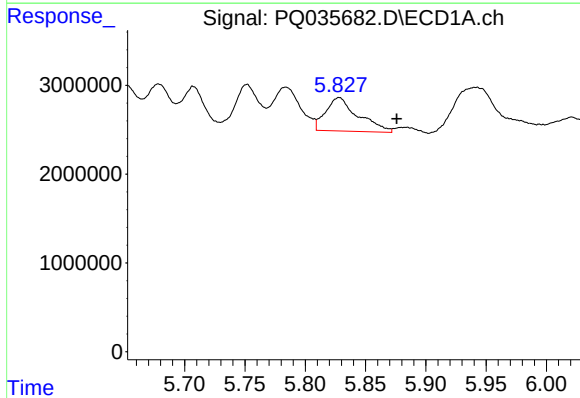
R.T.: 5.574 min  
Delta R.T.: -0.031 min  
Response: 29931978  
Conc: 453.47 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



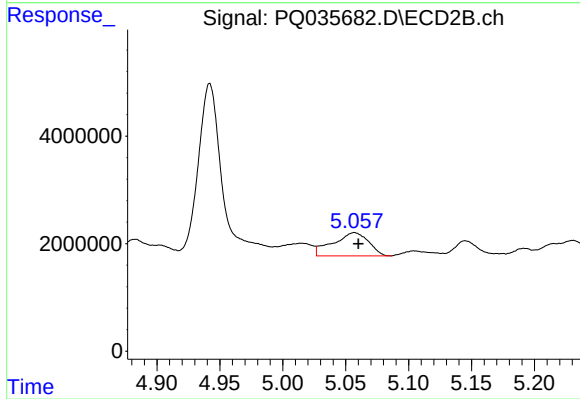
#21 AR-1248-1

R.T.: 4.862 min  
Delta R.T.: 0.035 min  
Response: 3321607  
Conc: 84.19 ng/ml



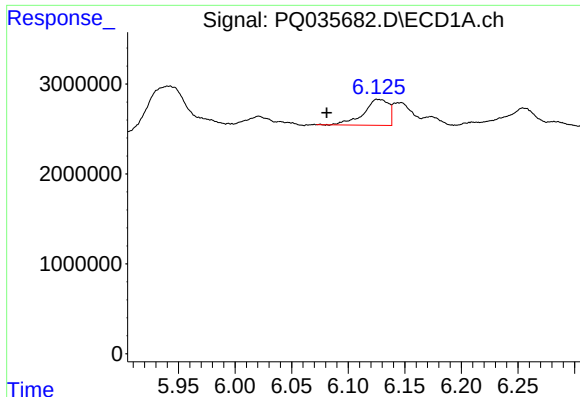
#22 AR-1248-2

R.T.: 5.828 min  
Delta R.T.: -0.048 min  
Response: 7036969  
Conc: 74.24 ng/ml



#22 AR-1248-2

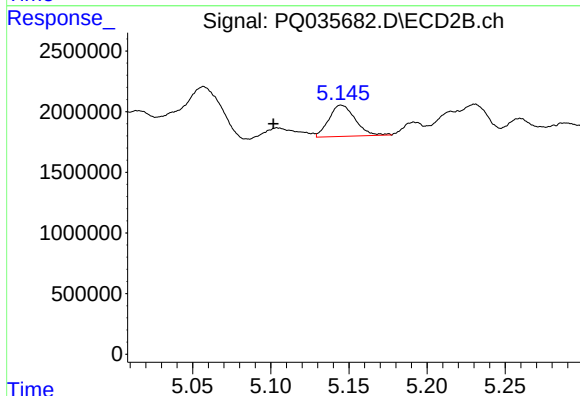
R.T.: 5.057 min  
Delta R.T.: -0.003 min  
Response: 8493585  
Conc: 156.49 ng/ml



#23 AR-1248-3

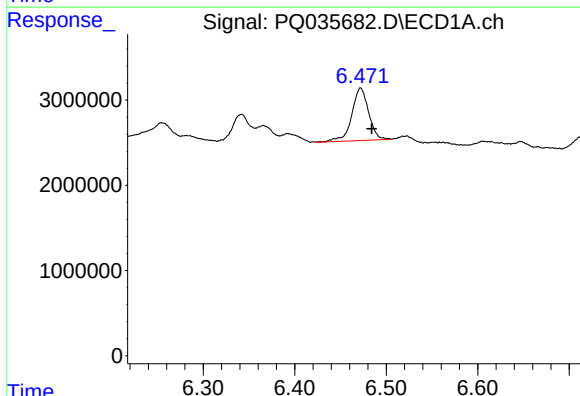
R.T.: 6.126 min  
Delta R.T.: 0.045 min  
Response: 4437055  
Conc: 42.46 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



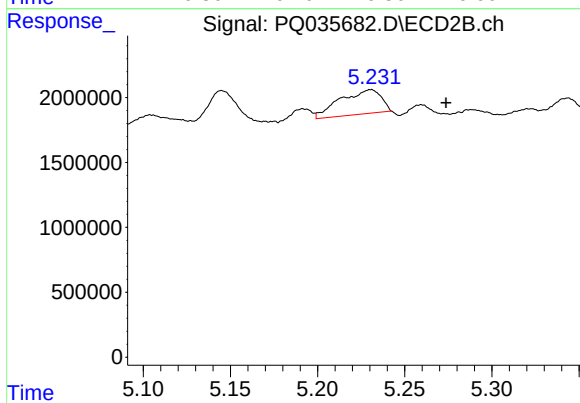
#23 AR-1248-3

R.T.: 5.145 min  
Delta R.T.: 0.043 min  
Response: 3029204  
Conc: 54.28 ng/ml



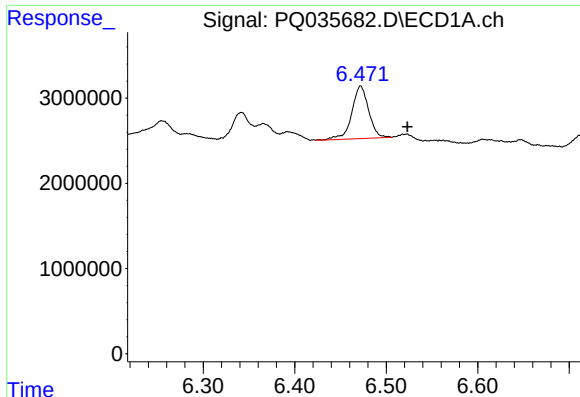
#24 AR-1248-4

R.T.: 6.472 min  
Delta R.T.: -0.012 min  
Response: 7932990  
Conc: 64.42 ng/ml



#24 AR-1248-4

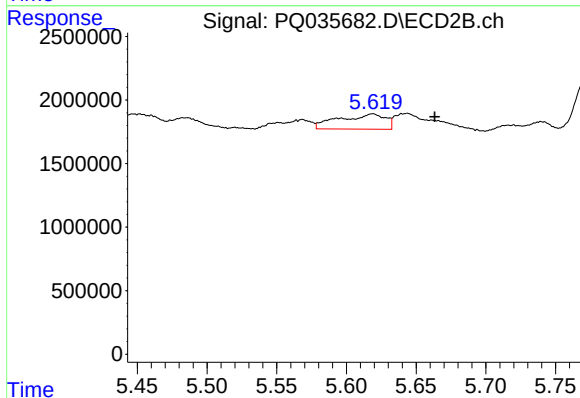
R.T.: 5.231 min  
Delta R.T.: -0.043 min  
Response: 3063052  
Conc: 44.25 ng/ml



#25 AR-1248-5

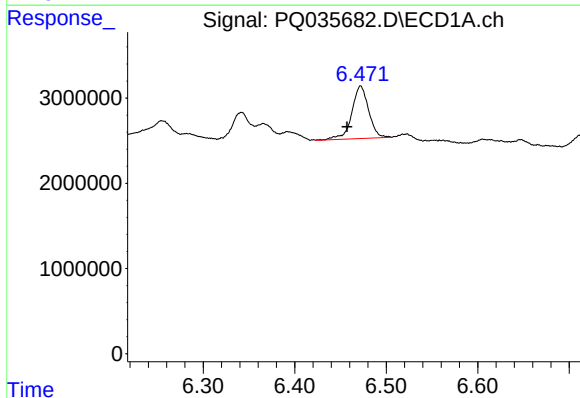
R.T.: 6.472 min  
Delta R.T.: -0.051 min  
Response: 7932990  
Conc: 67.81 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



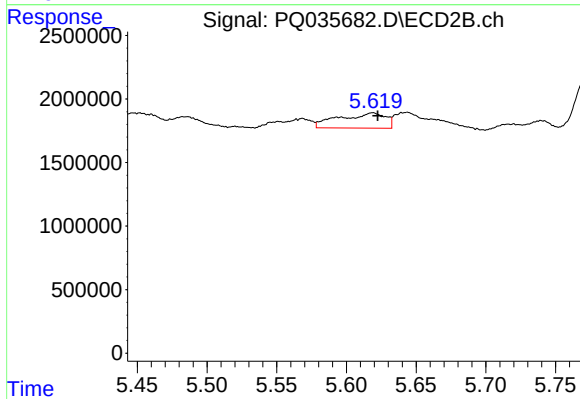
#25 AR-1248-5

R.T.: 5.619 min  
Delta R.T.: -0.045 min  
Response: 2793496  
Conc: 39.63 ng/ml



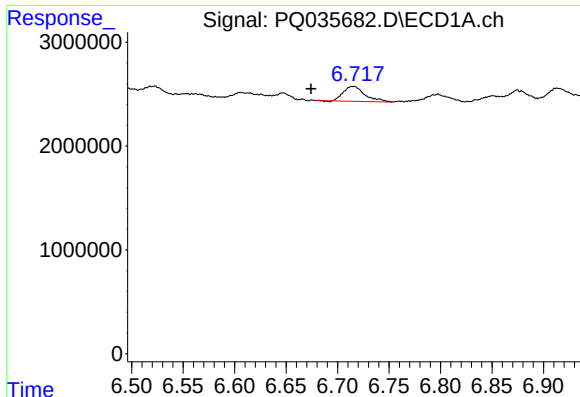
#26 AR-1254-1

R.T.: 6.472 min  
Delta R.T.: 0.015 min  
Response: 7932990  
Conc: 52.11 ng/ml



#26 AR-1254-1

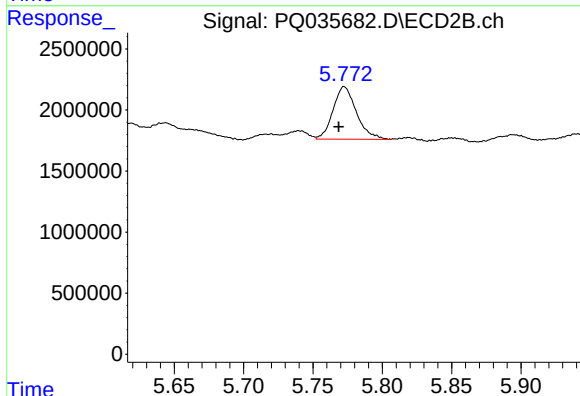
R.T.: 5.619 min  
Delta R.T.: -0.004 min  
Response: 2793496  
Conc: 20.94 ng/ml



#27 AR-1254-2

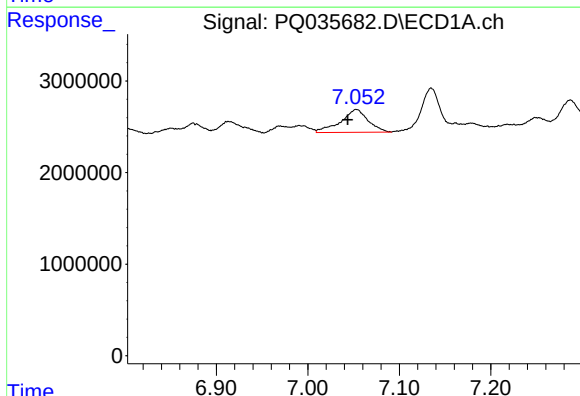
R.T.: 6.716 min  
Delta R.T.: 0.041 min  
Response: 2085191  
Conc: 8.81 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



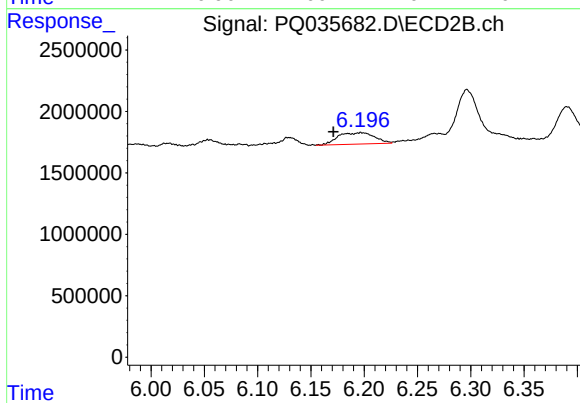
#27 AR-1254-2

R.T.: 5.773 min  
Delta R.T.: 0.004 min  
Response: 5047892  
Conc: 43.69 ng/ml



#28 AR-1254-3

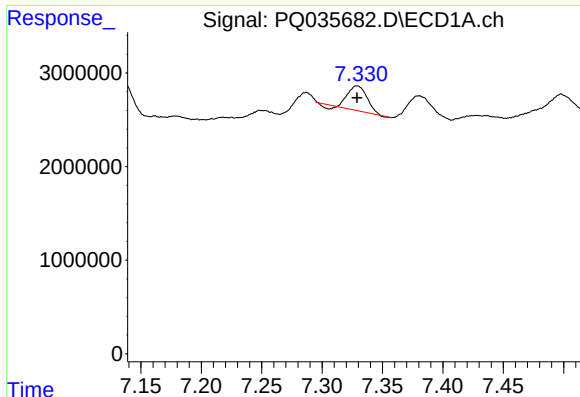
R.T.: 7.053 min  
Delta R.T.: 0.010 min  
Response: 5215248  
Conc: 20.31 ng/ml



#28 AR-1254-3

R.T.: 6.197 min  
Delta R.T.: 0.026 min  
Response: 2220680  
Conc: 11.50 ng/ml

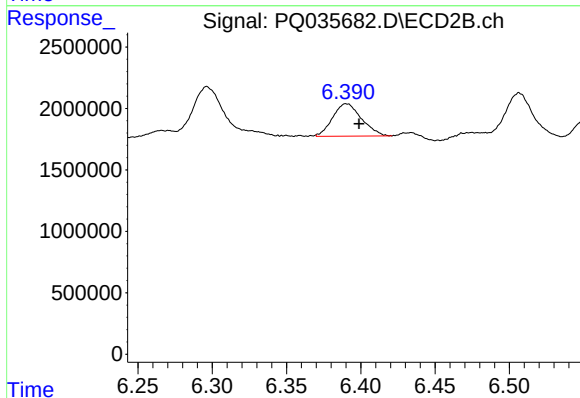




#29 AR-1254-4

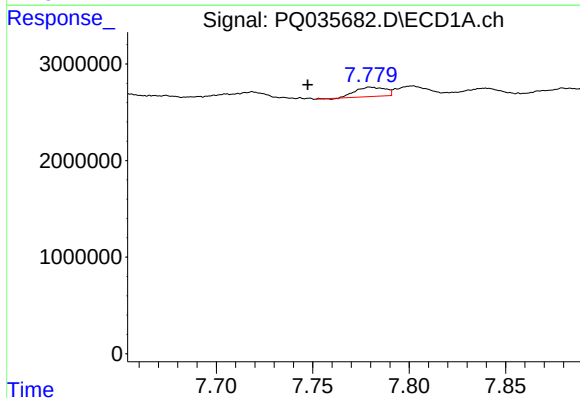
R.T.: 7.329 min  
Delta R.T.: 0.000 min  
Response: 2844416  
Conc: 15.69 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



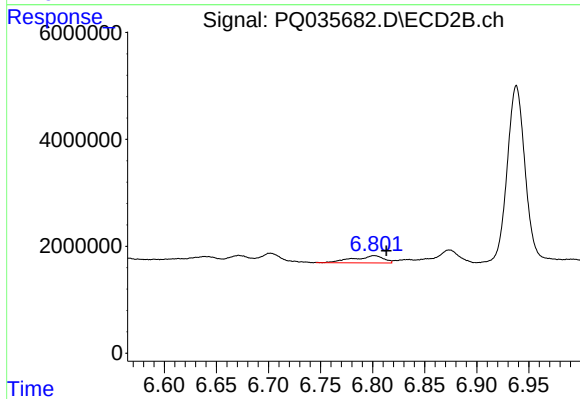
#29 AR-1254-4

R.T.: 6.390 min  
Delta R.T.: -0.008 min  
Response: 3573880  
Conc: 29.70 ng/ml



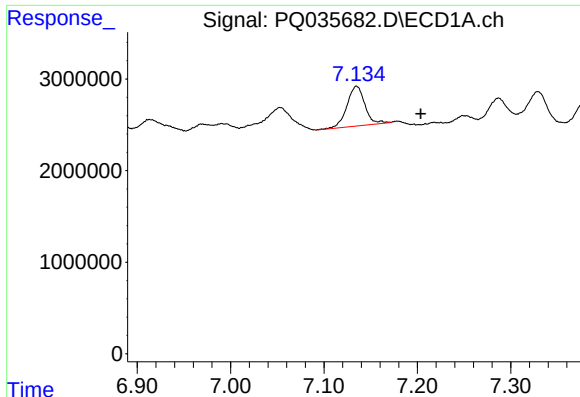
#30 AR-1254-5

R.T.: 7.780 min  
Delta R.T.: 0.033 min  
Response: 1038364  
Conc: 5.29 ng/ml



#30 AR-1254-5

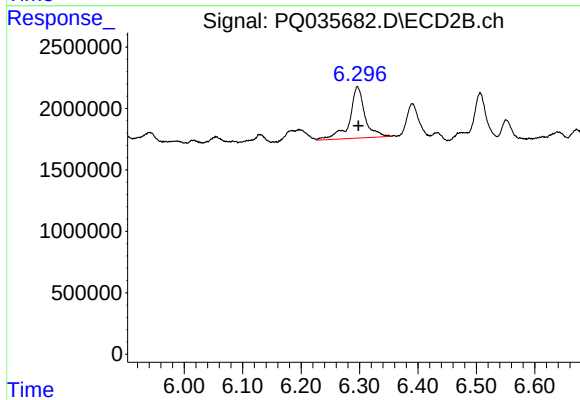
R.T.: 6.802 min  
Delta R.T.: -0.012 min  
Response: 2793282  
Conc: 17.15 ng/ml



#31 AR-1260-1

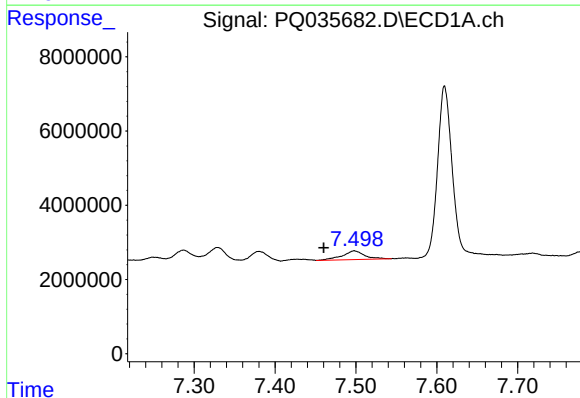
R.T.: 7.135 min  
Delta R.T.: -0.069 min  
Response: 5799092  
Conc: 31.45 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



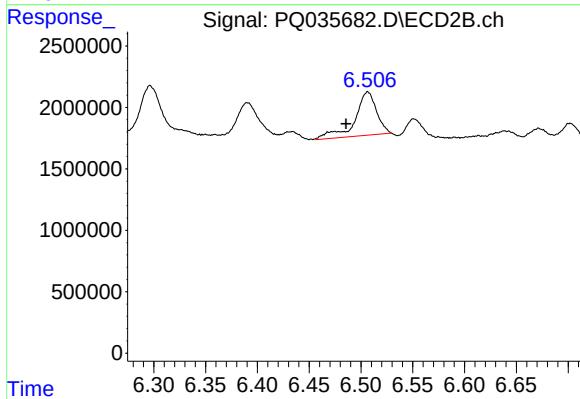
#31 AR-1260-1

R.T.: 6.296 min  
Delta R.T.: -0.002 min  
Response: 7643279  
Conc: 60.76 ng/ml



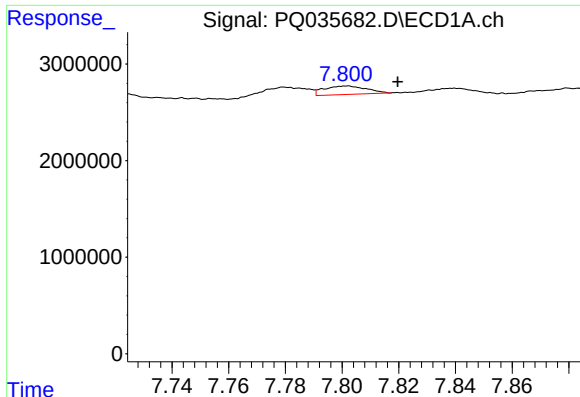
#32 AR-1260-2

R.T.: 7.498 min  
Delta R.T.: 0.038 min  
Response: 4458906  
Conc: 20.52 ng/ml



#32 AR-1260-2

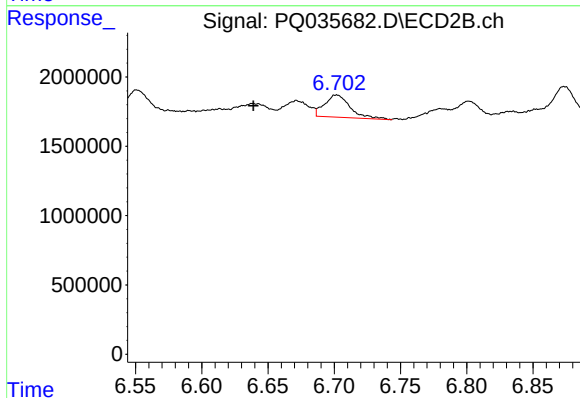
R.T.: 6.507 min  
Delta R.T.: 0.021 min  
Response: 5159616  
Conc: 34.17 ng/ml



#33 AR-1260-3

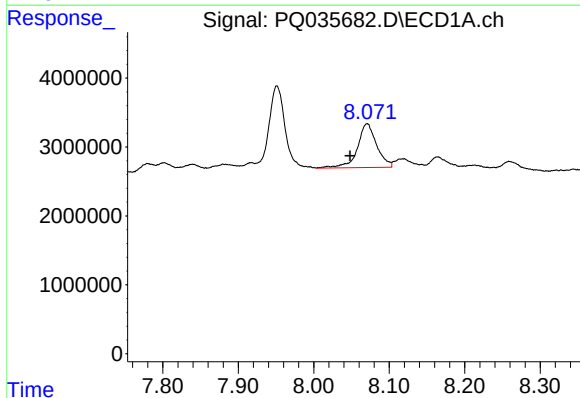
R.T.: 7.802 min  
Delta R.T.: -0.018 min  
Response: 910670  
Conc: 6.80 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



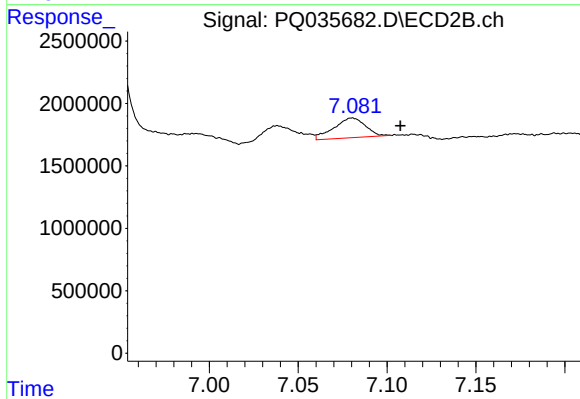
#33 AR-1260-3

R.T.: 6.702 min  
Delta R.T.: 0.063 min  
Response: 2151067  
Conc: 15.39 ng/ml



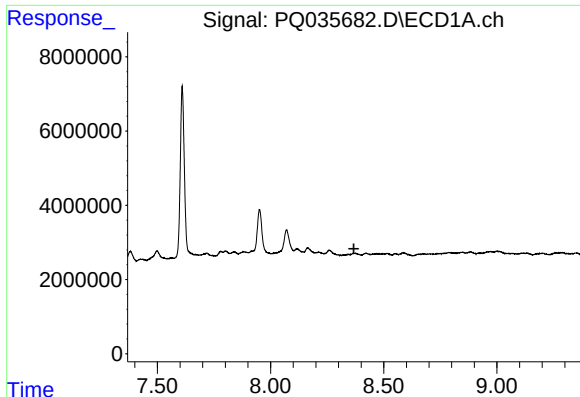
#34 AR-1260-4

R.T.: 8.071 min  
Delta R.T.: 0.023 min  
Response: 11227606  
Conc: 68.12 ng/ml



#34 AR-1260-4

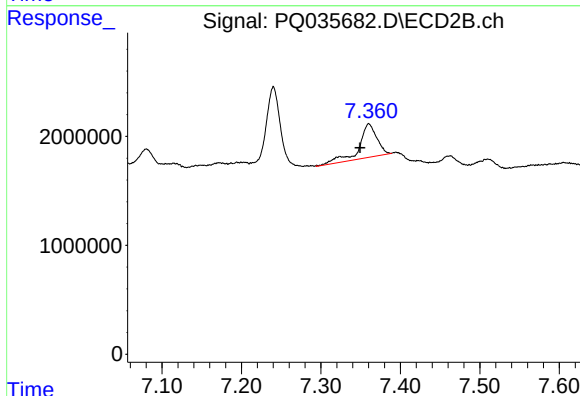
R.T.: 7.080 min  
Delta R.T.: -0.027 min  
Response: 1958455  
Conc: 21.09 ng/ml



#35 AR-1260-5

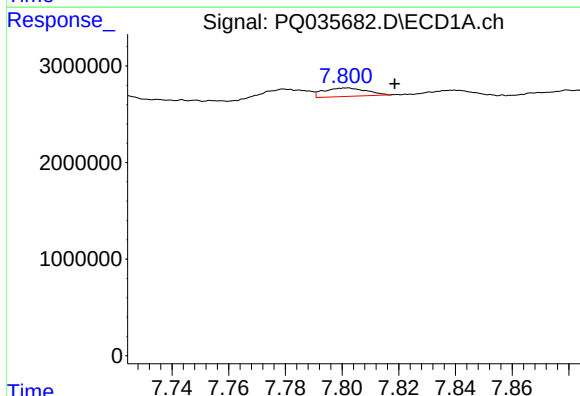
R.T.: 0.000 min  
Exp R.T.: 8.368 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :



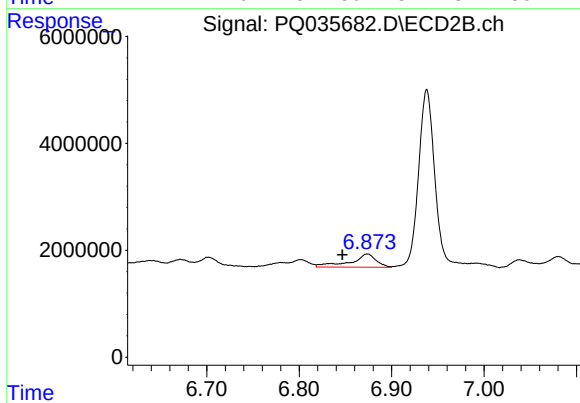
#35 AR-1260-5

R.T.: 7.360 min  
Delta R.T.: 0.011 min  
Response: 4842725  
Conc: 21.58 ng/ml



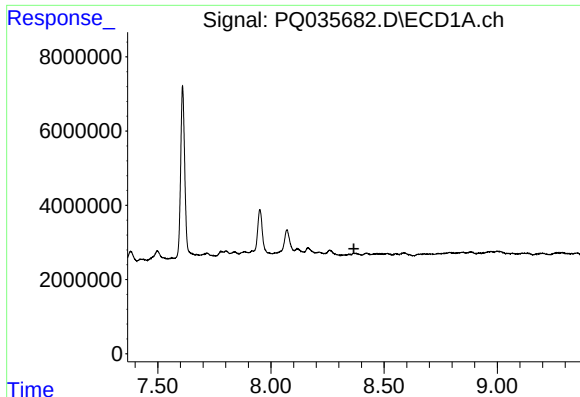
#36 AR-1262-1

R.T.: 7.802 min  
Delta R.T.: -0.017 min  
Response: 910670  
Conc: 4.16 ng/ml



#36 AR-1262-1

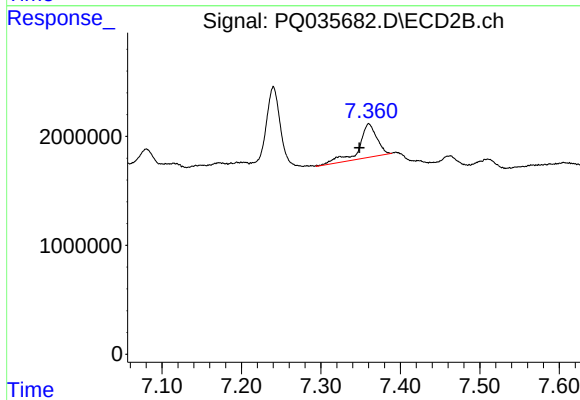
R.T.: 6.874 min  
Delta R.T.: 0.027 min  
Response: 4793164  
Conc: 31.23 ng/ml



#37 AR-1262-2

R.T.: 0.000 min  
Exp R.T.: 8.367 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :



#37 AR-1262-2

R.T.: 7.360 min  
Delta R.T.: 0.012 min  
Response: 4842725  
Conc: 18.15 ng/ml