

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Data\PQ081518\  
 Data File : PQ031170.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 15 Aug 2018 15:43  
 Operator : SM\SJ  
 Sample : AR1242CCC400  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 ECD\_Q  
 ClientSampleId :

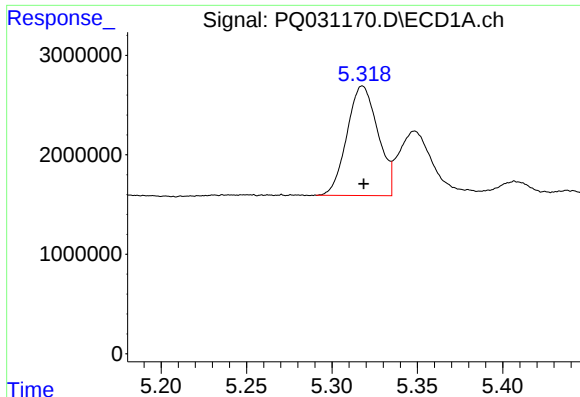
Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Aug 16 02:08:46 2018  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Method\PQ080918CLP.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Mon Aug 13 07:57:53 2018  
 Response via : Initial Calibration  
 Integrator: 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... | 4.606  | 3.887 | 32716924 | 29034639 | 16.458  | 14.942    |
| 2)                          | SA Decachlor... | 10.460 | 8.974 | 99538465 | 101.4E6  | 50.051  | 45.993    |
| Target Compounds            |                 |        |       |          |          |         |           |
| 3)                          | L1 AR-1016-1    | 5.318  | 4.571 | 13888771 | 12313642 | 280.698 | 245.823   |
| 4)                          | L1 AR-1016-2    | 5.514  | 4.988 | 14237826 | 19343020 | 285.917 | 265.991   |
| 5)                          | L1 AR-1016-3    | 5.782  | 5.007 | 20783189 | 27656182 | 291.418 | 256.011   |
| 6)                          | L1 AR-1016-4    | 5.868  | 5.064 | 19407603 | 18354442 | 288.440 | 255.880   |
| 7)                          | L1 AR-1016-5    | 6.262  | 5.442 | 17179413 | 17485024 | 302.216 | 273.906   |
| 9)                          | L2 AR-1221-2    | 4.904  | 4.192 | 2801098  | 2128266  | 144.985 | 119.035   |
| 10)                         | L2 AR-1221-3    | 4.981  | 4.269 | 9953590  | 8433102  | 168.447 | 134.384   |
| 11)                         | L3 AR-1232-1    | 5.805  | 4.767 | 31114926 | 12798774 | 690.591 | 588.613   |
| 12)                         | L3 AR-1232-2    | 5.968  | 5.007 | 14825968 | 27656182 | 647.616 | 672.872   |
| 13)                         | L3 AR-1232-3    | 6.055  | 5.268 | 9980568  | 15386924 | 686.135 | 889.341 # |
| 14)                         | L3 AR-1232-4    | 6.666  | 5.593 | 19847238 | 8373373  | 624.902 | 519.686   |
| 15)                         | L3 AR-1232-5    | 6.704  | 5.837 | 21739499 | 16405115 | 745.371 | 770.607   |
| 16)                         | L4 AR-1242-1    | 5.348  | 4.592 | 9343716  | 7213497  | 439.076 | 337.005   |
| 17)                         | L4 AR-1242-2    | 6.102  | 5.187 | 13247088 | 14667902 | 357.844 | 350.927   |
| 18)                         | L4 AR-1242-3    | 6.304  | 5.225 | 6969535  | 11635873 | 372.516 | 355.065   |
| 19)                         | L4 AR-1242-4    | 6.348  | 6.014 | 4928112  | 14104611 | 359.800 | 341.699   |
| 20)                         | L4 AR-1242-5    | 6.404  | 6.059 | 18807888 | 12350939 | 402.430 | 351.989   |
| 21)                         | L5 AR-1248-1    | 6.055  | 5.225 | 9980568  | 11635873 | 154.206 | 171.833   |
| 22)                         | L5 AR-1248-2    | 6.638  | 5.794 | 15102112 | 20512862 | 216.665 | 150.356 # |
| 23)                         | L5 AR-1248-3    | 6.666  | 5.837 | 19847238 | 16405115 | 218.471 | 177.141   |
| 24)                         | L5 AR-1248-4    | 6.704  | 6.014 | 21739499 | 14104611 | 249.575 | 176.787 # |
| 25)                         | L5 AR-1248-5    | 6.903  | 6.349 | 12381908 | 7466741  | 214.985 | 103.409 # |
| 26)                         | L6 AR-1254-1    | 6.864  | 5.941 | 17672235 | 5000173  | 110.529 | 35.291 #  |
| 27)                         | L6 AR-1254-2    | 7.140  | 6.260 | 4913088  | 4883539  | 49.936  | 40.839    |
| 28)                         | L6 AR-1254-3    | 7.226  | 6.576 | 7649329  | 7036586  | 42.782  | 39.577    |
| 29)                         | L6 AR-1254-4    | 7.512  | 6.895 | 5714746  | 5856628  | 43.719  | 54.635    |
| 30)                         | L6 AR-1254-5    | 7.787  | 6.995 | 5359766  | 2852289  | 53.446  | 12.929 #  |
| 31)                         | L7 AR-1260-1    | 7.352  | 6.497 | 2613678  | 3282685  | 20.866  | 22.072    |
| 32)                         | L7 AR-1260-2    | 0.000  | 6.663 | 0        | 1832031  | N.D.    | 10.280 #  |
| 33)                         | L7 AR-1260-3    | 7.930  | 6.895 | 1277471  | 5856628  | 7.111   | 34.069 #  |
| 36)                         | L8 AR-1262-1    | 7.226  | 6.349 | 7649329  | 7466741  | 96.121  | 62.618 #  |
| 41)                         | L9 AR-1268-1    | 0.000  | 6.995 | 0        | 2852289  | N.D.    | 32.494 #  |
| 43)                         | L9 AR-1268-3    | 0.000  | 8.092 | 0        | 2157772  | N.D.    | 5.518 #   |
| 44)                         | L9 AR-1268-4    | 9.228  | 8.186 | 1734390  | 1663183  | 5.475   | 17.028 #  |
| 45)                         | L9 AR-1268-5    | 10.107 | 0.000 | 1784878  | 0        | 1.994   | N.D. #    |
| -----                       |                 |        |       |          |          |         |           |

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

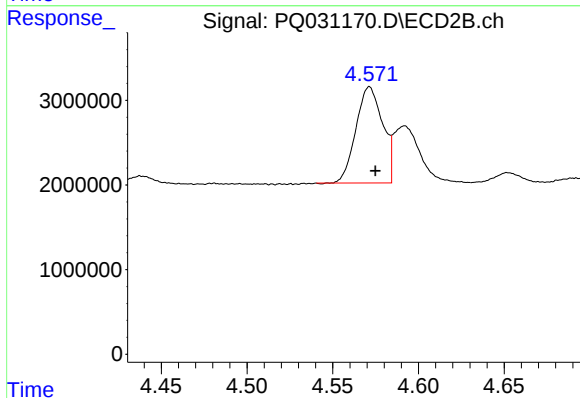




#3 AR-1016-1

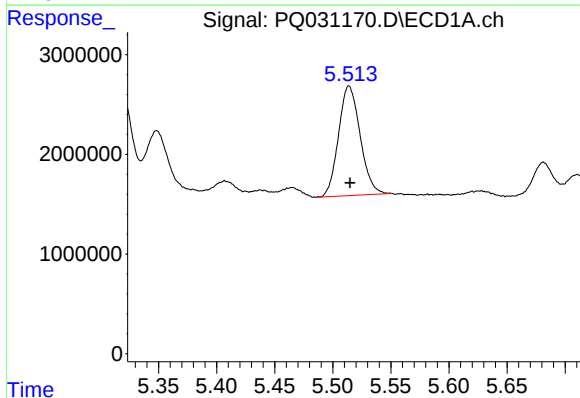
R.T.: 5.318 min  
Delta R.T.: 0.000 min  
Response: 13888771  
Conc: 280.70 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



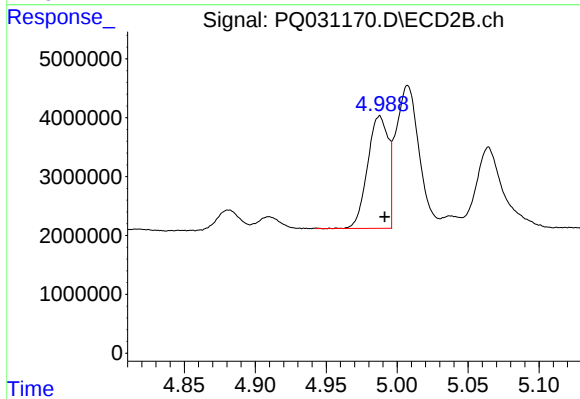
#3 AR-1016-1

R.T.: 4.571 min  
Delta R.T.: -0.003 min  
Response: 12313642  
Conc: 245.82 ng/ml



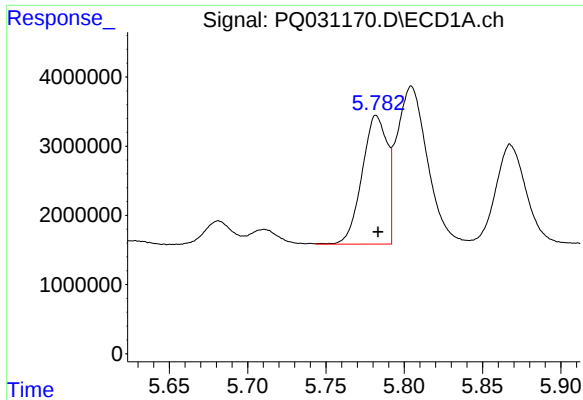
#4 AR-1016-2

R.T.: 5.514 min  
Delta R.T.: 0.000 min  
Response: 14237826  
Conc: 285.92 ng/ml



#4 AR-1016-2

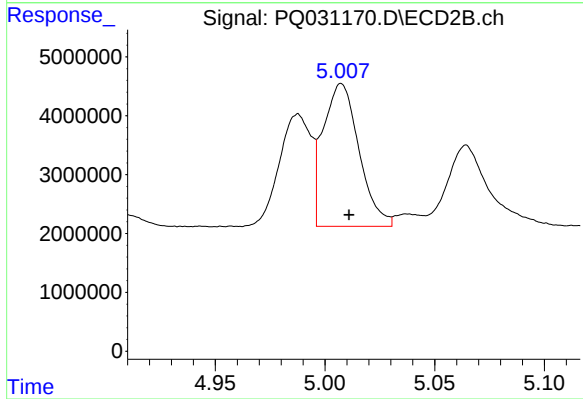
R.T.: 4.988 min  
Delta R.T.: -0.004 min  
Response: 19343020  
Conc: 265.99 ng/ml



#5 AR-1016-3

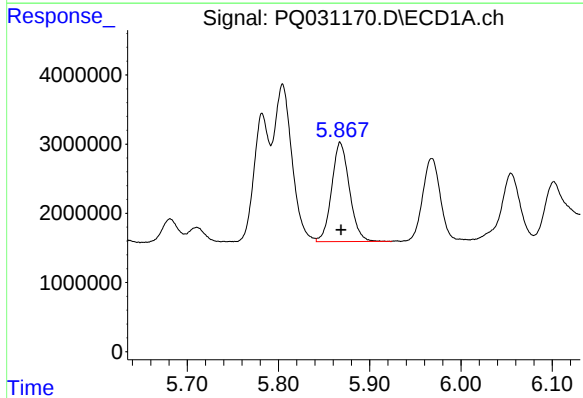
R.T.: 5.782 min  
Delta R.T.: -0.001 min  
Response: 20783189  
Conc: 291.42 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



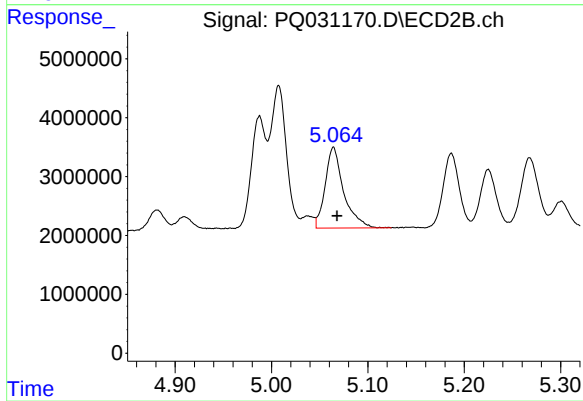
#5 AR-1016-3

R.T.: 5.007 min  
Delta R.T.: -0.003 min  
Response: 27656182  
Conc: 256.01 ng/ml



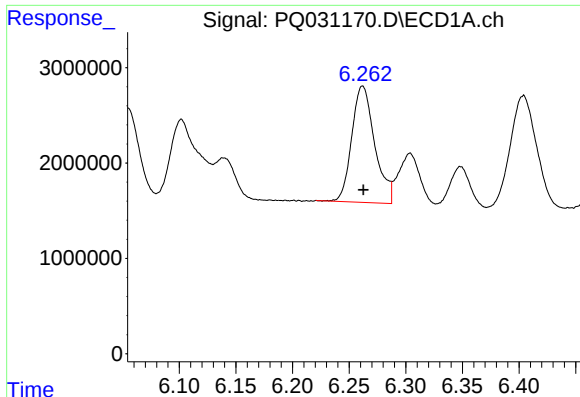
#6 AR-1016-4

R.T.: 5.868 min  
Delta R.T.: -0.001 min  
Response: 19407603  
Conc: 288.44 ng/ml



#6 AR-1016-4

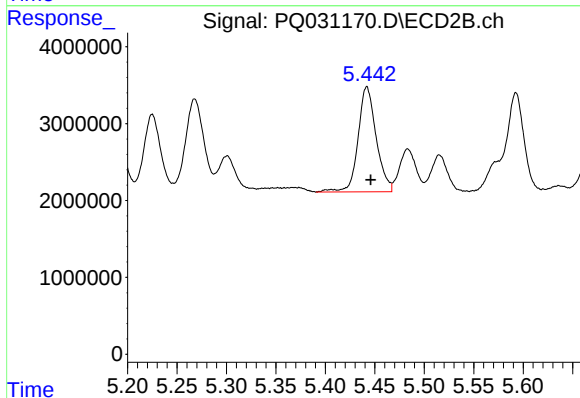
R.T.: 5.064 min  
Delta R.T.: -0.004 min  
Response: 18354442  
Conc: 255.88 ng/ml



#7 AR-1016-5

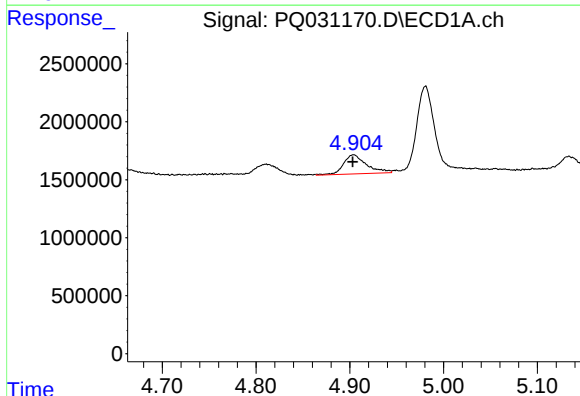
R.T.: 6.262 min  
Delta R.T.: 0.000 min  
Response: 17179413  
Conc: 302.22 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



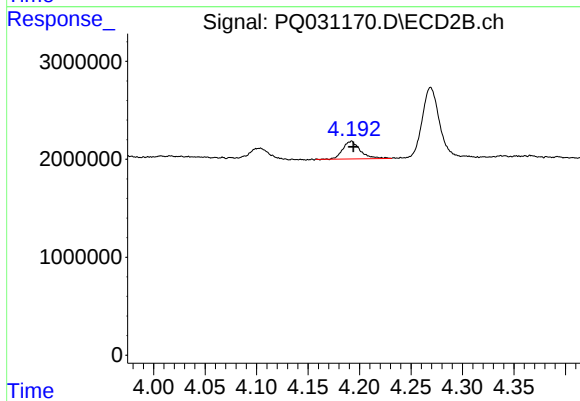
#7 AR-1016-5

R.T.: 5.442 min  
Delta R.T.: -0.004 min  
Response: 17485024  
Conc: 273.91 ng/ml



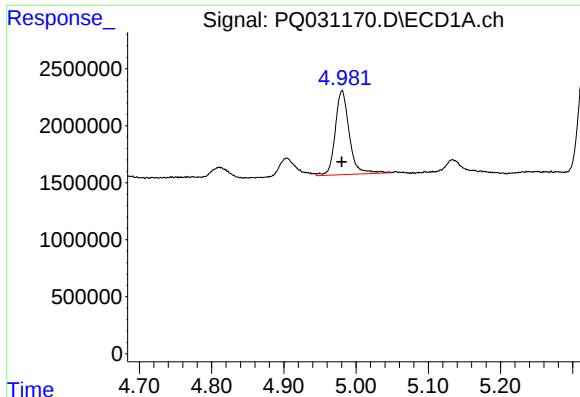
#9 AR-1221-2

R.T.: 4.904 min  
Delta R.T.: 0.000 min  
Response: 2801098  
Conc: 144.99 ng/ml



#9 AR-1221-2

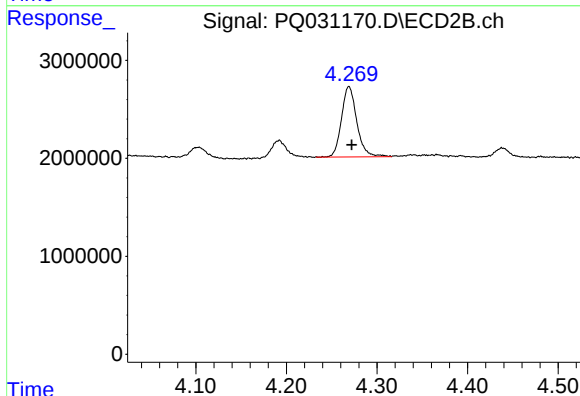
R.T.: 4.192 min  
Delta R.T.: -0.002 min  
Response: 2128266  
Conc: 119.04 ng/ml



#10 AR-1221-3

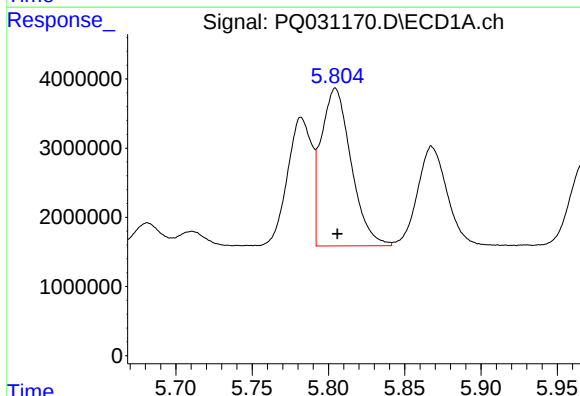
R.T.: 4.981 min  
Delta R.T.: 0.000 min  
Response: 9953590  
Conc: 168.45 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



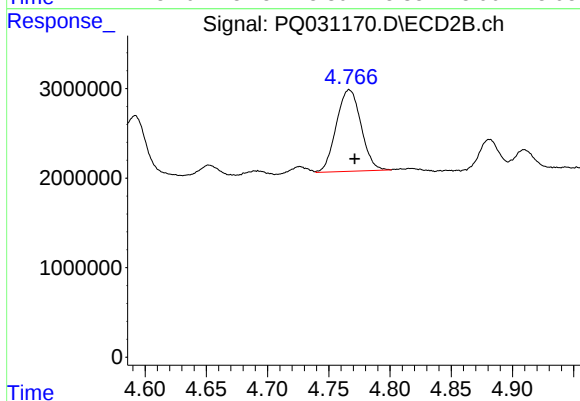
#10 AR-1221-3

R.T.: 4.269 min  
Delta R.T.: -0.003 min  
Response: 8433102  
Conc: 134.38 ng/ml



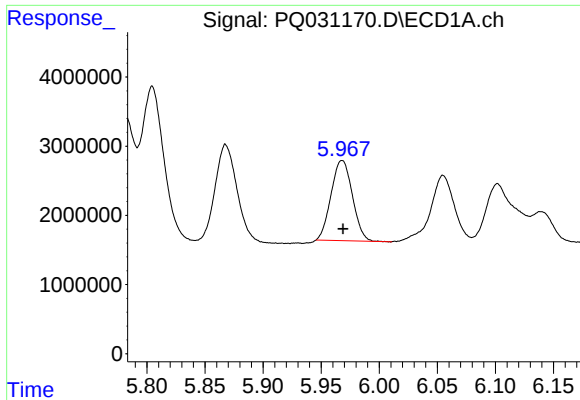
#11 AR-1232-1

R.T.: 5.805 min  
Delta R.T.: -0.001 min  
Response: 31114926  
Conc: 690.59 ng/ml



#11 AR-1232-1

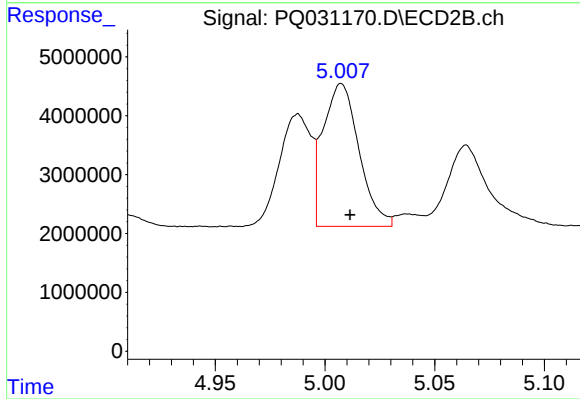
R.T.: 4.767 min  
Delta R.T.: -0.004 min  
Response: 12798774  
Conc: 588.61 ng/ml



#12 AR-1232-2

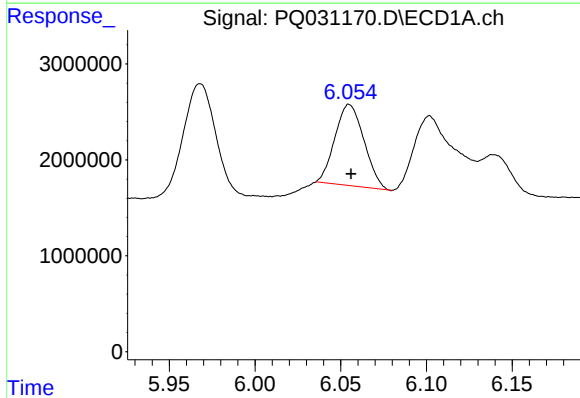
R.T.: 5.968 min  
Delta R.T.: 0.000 min  
Response: 14825968  
Conc: 647.62 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



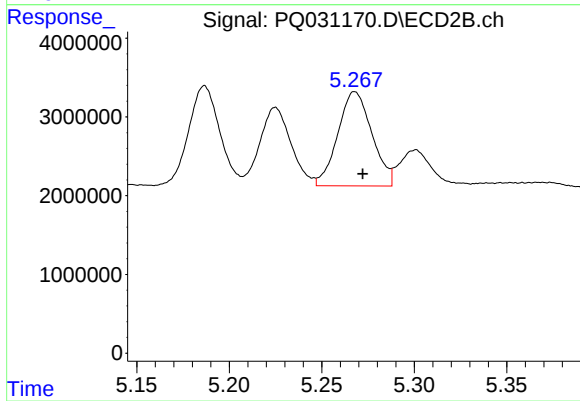
#12 AR-1232-2

R.T.: 5.007 min  
Delta R.T.: -0.004 min  
Response: 27656182  
Conc: 672.87 ng/ml



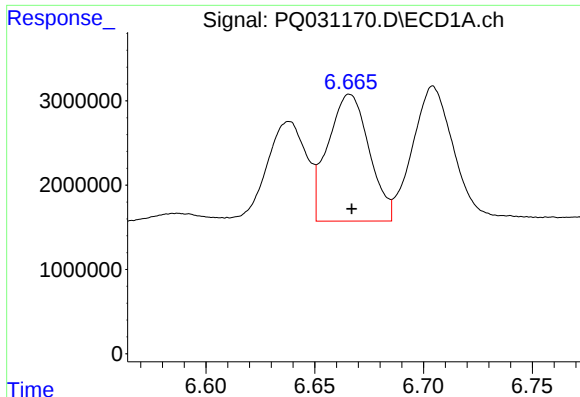
#13 AR-1232-3

R.T.: 6.055 min  
Delta R.T.: -0.001 min  
Response: 9980568  
Conc: 686.14 ng/ml



#13 AR-1232-3

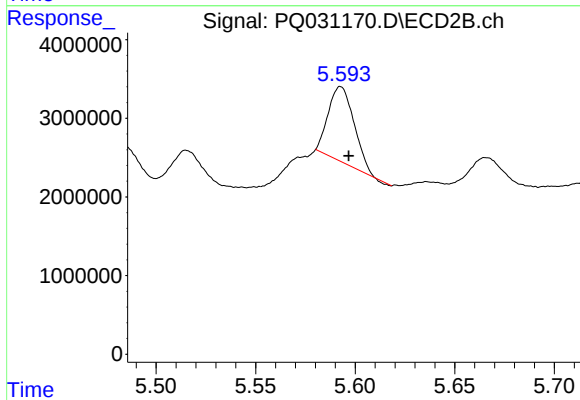
R.T.: 5.268 min  
Delta R.T.: -0.004 min  
Response: 15386924  
Conc: 889.34 ng/ml



#14 AR-1232-4

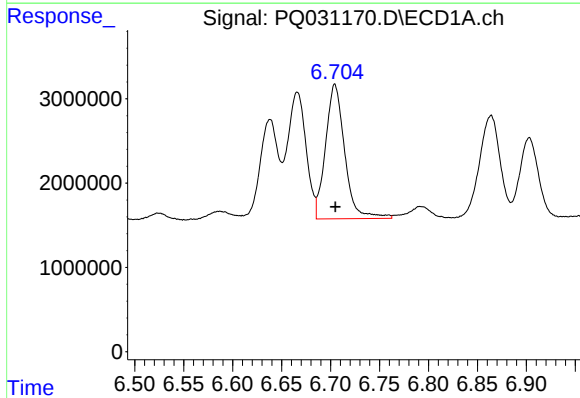
R.T.: 6.666 min  
Delta R.T.: 0.000 min  
Response: 19847238  
Conc: 624.90 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



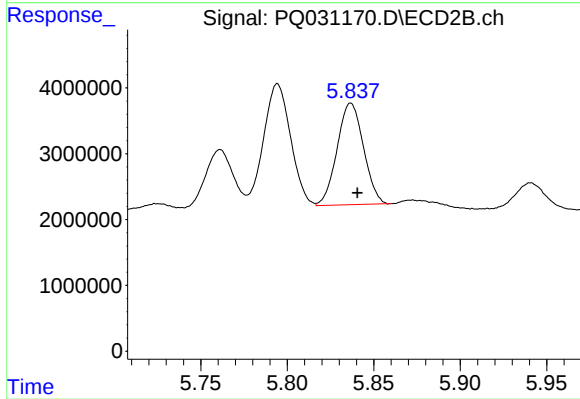
#14 AR-1232-4

R.T.: 5.593 min  
Delta R.T.: -0.004 min  
Response: 8373373  
Conc: 519.69 ng/ml



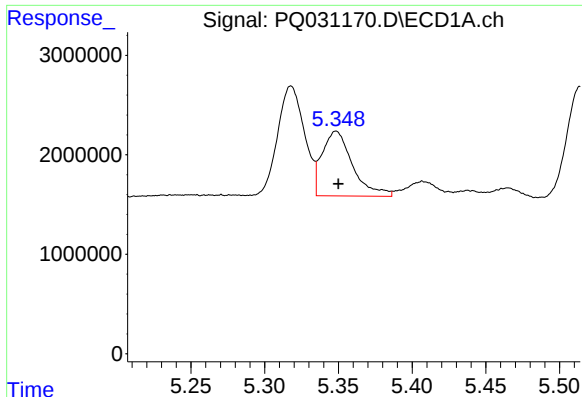
#15 AR-1232-5

R.T.: 6.704 min  
Delta R.T.: 0.000 min  
Response: 21739499  
Conc: 745.37 ng/ml



#15 AR-1232-5

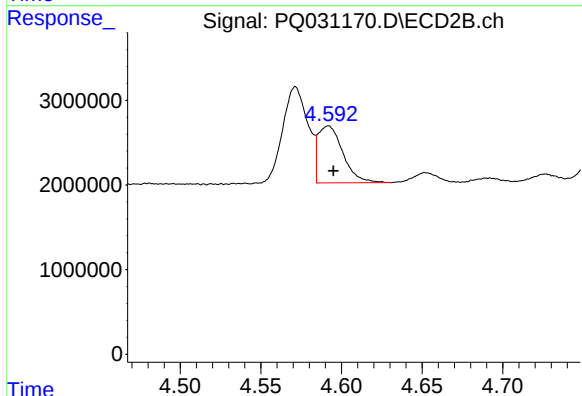
R.T.: 5.837 min  
Delta R.T.: -0.004 min  
Response: 16405115  
Conc: 770.61 ng/ml



#16 AR-1242-1

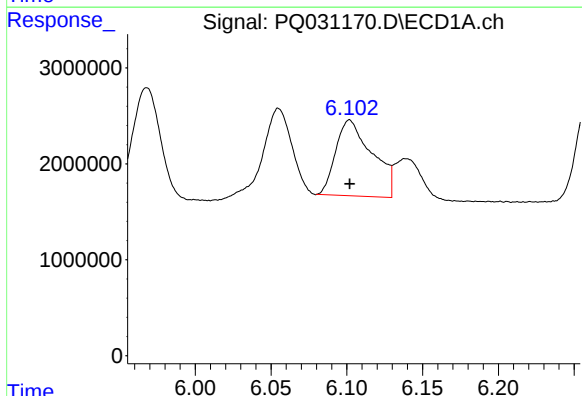
R.T.: 5.348 min  
Delta R.T.: -0.002 min  
Response: 9343716  
Conc: 439.08 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



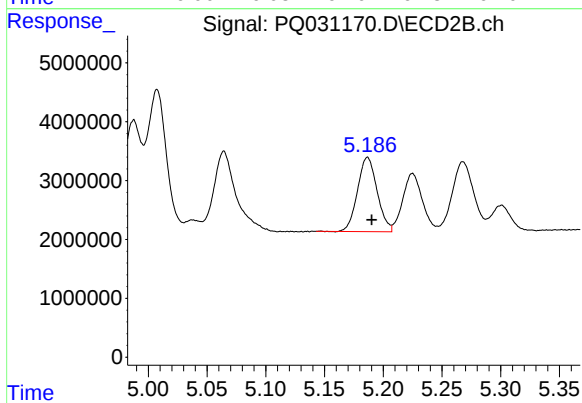
#16 AR-1242-1

R.T.: 4.592 min  
Delta R.T.: -0.003 min  
Response: 7213497  
Conc: 337.00 ng/ml



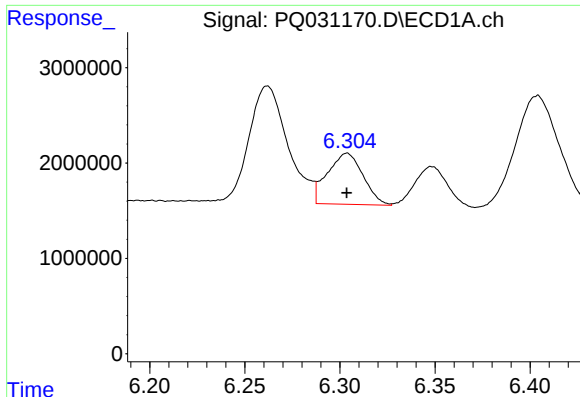
#17 AR-1242-2

R.T.: 6.102 min  
Delta R.T.: 0.000 min  
Response: 13247088  
Conc: 357.84 ng/ml



#17 AR-1242-2

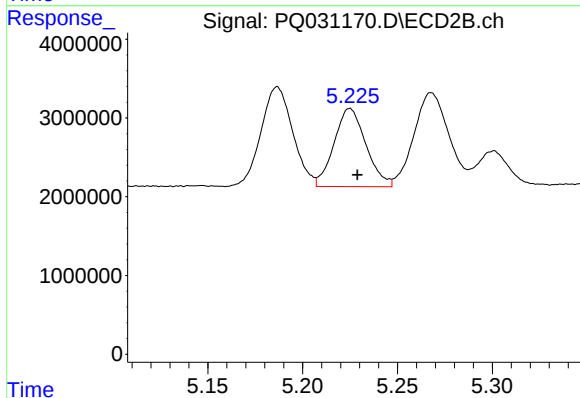
R.T.: 5.187 min  
Delta R.T.: -0.003 min  
Response: 14667902  
Conc: 350.93 ng/ml



#18 AR-1242-3

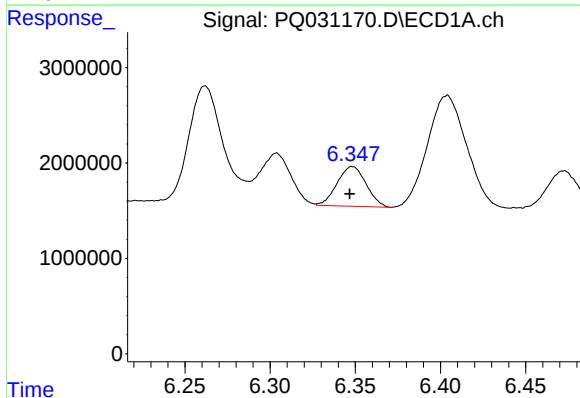
R.T.: 6.304 min  
Delta R.T.: 0.000 min  
Response: 6969535  
Conc: 372.52 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



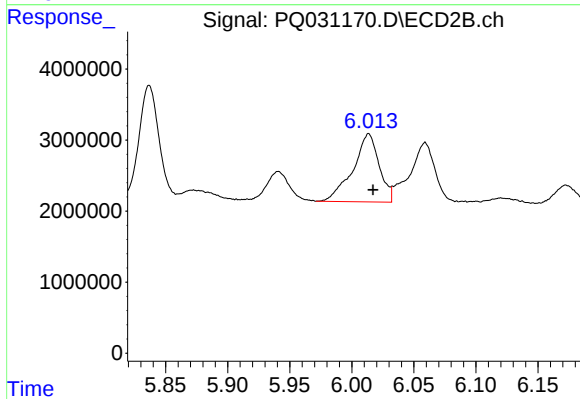
#18 AR-1242-3

R.T.: 5.225 min  
Delta R.T.: -0.004 min  
Response: 11635873  
Conc: 355.07 ng/ml



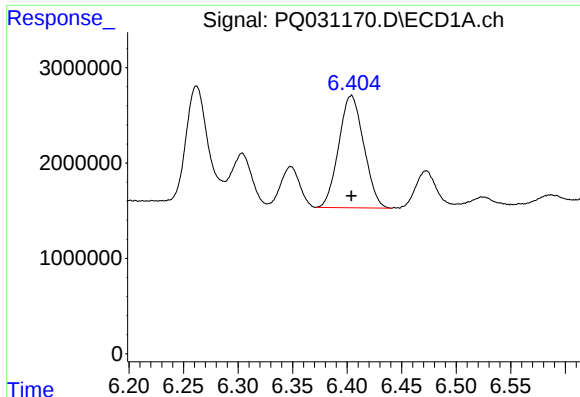
#19 AR-1242-4

R.T.: 6.348 min  
Delta R.T.: 0.002 min  
Response: 4928112  
Conc: 359.80 ng/ml



#19 AR-1242-4

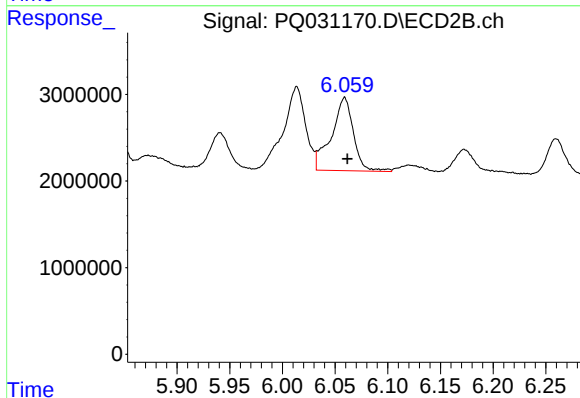
R.T.: 6.014 min  
Delta R.T.: -0.004 min  
Response: 14104611  
Conc: 341.70 ng/ml



#20 AR-1242-5

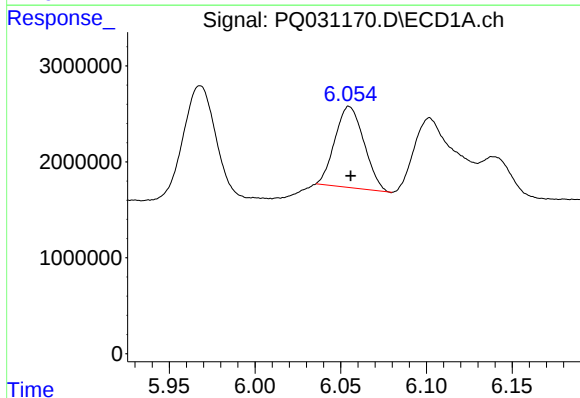
R.T.: 6.404 min  
Delta R.T.: 0.000 min  
Response: 18807888  
Conc: 402.43 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



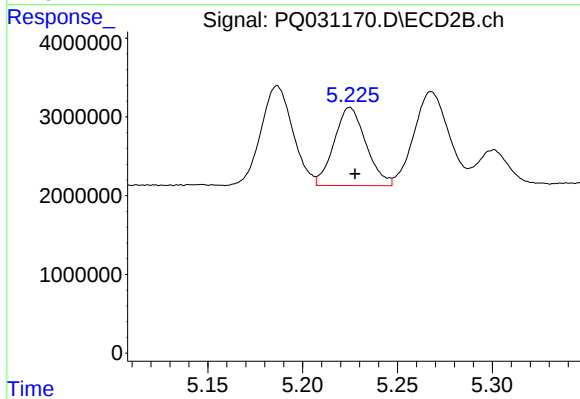
#20 AR-1242-5

R.T.: 6.059 min  
Delta R.T.: -0.003 min  
Response: 12350939  
Conc: 351.99 ng/ml



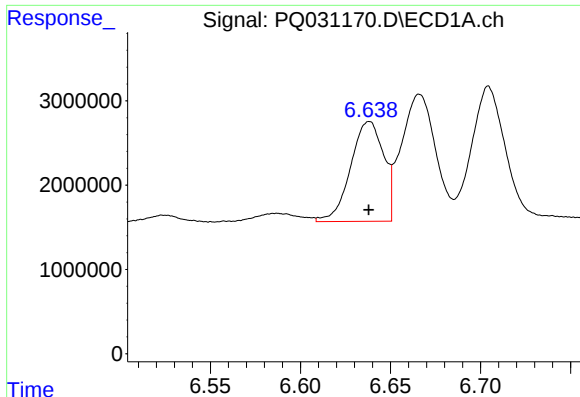
#21 AR-1248-1

R.T.: 6.055 min  
Delta R.T.: 0.000 min  
Response: 9980568  
Conc: 154.21 ng/ml



#21 AR-1248-1

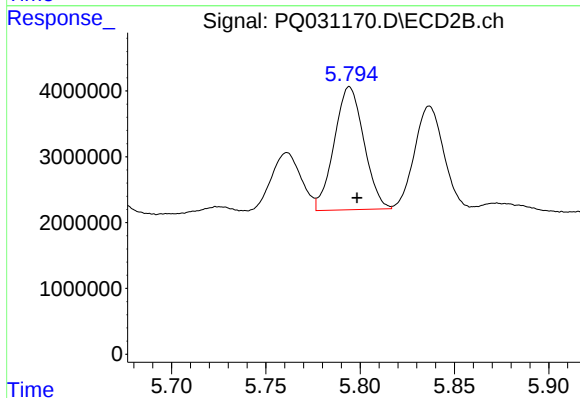
R.T.: 5.225 min  
Delta R.T.: -0.003 min  
Response: 11635873  
Conc: 171.83 ng/ml



#22 AR-1248-2

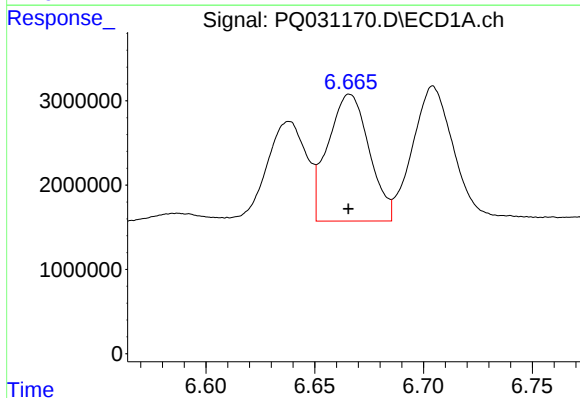
R.T.: 6.638 min  
Delta R.T.: 0.000 min  
Response: 15102112  
Conc: 216.67 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



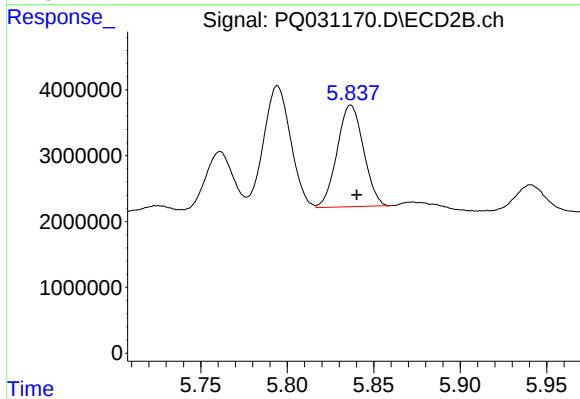
#22 AR-1248-2

R.T.: 5.794 min  
Delta R.T.: -0.004 min  
Response: 20512862  
Conc: 150.36 ng/ml



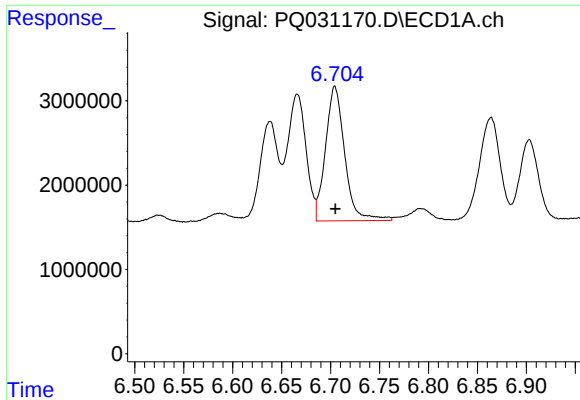
#23 AR-1248-3

R.T.: 6.666 min  
Delta R.T.: 0.000 min  
Response: 19847238  
Conc: 218.47 ng/ml



#23 AR-1248-3

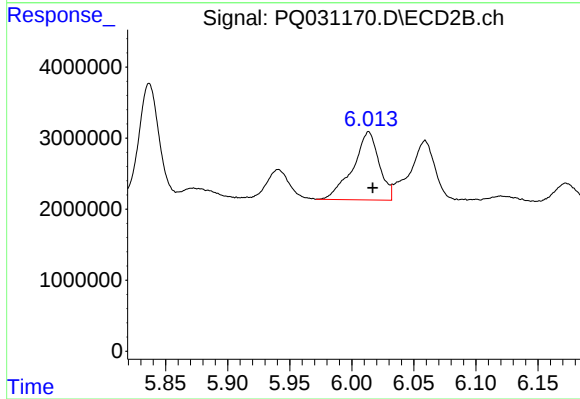
R.T.: 5.837 min  
Delta R.T.: -0.003 min  
Response: 16405115  
Conc: 177.14 ng/ml



#24 AR-1248-4

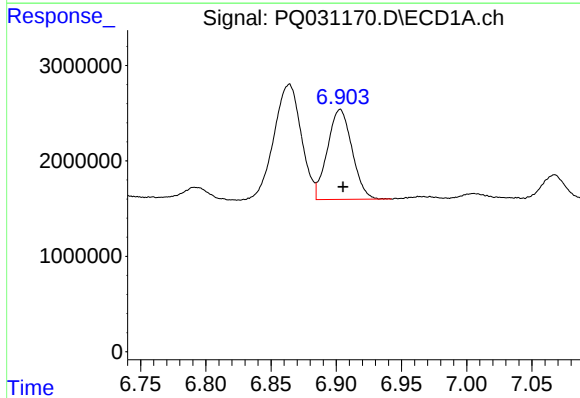
R.T.: 6.704 min  
Delta R.T.: 0.000 min  
Response: 21739499  
Conc: 249.57 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



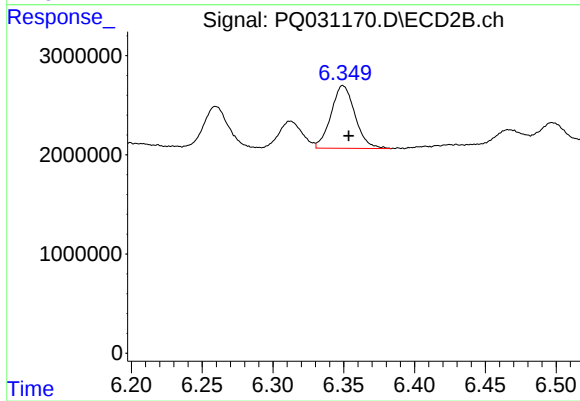
#24 AR-1248-4

R.T.: 6.014 min  
Delta R.T.: -0.003 min  
Response: 14104611  
Conc: 176.79 ng/ml



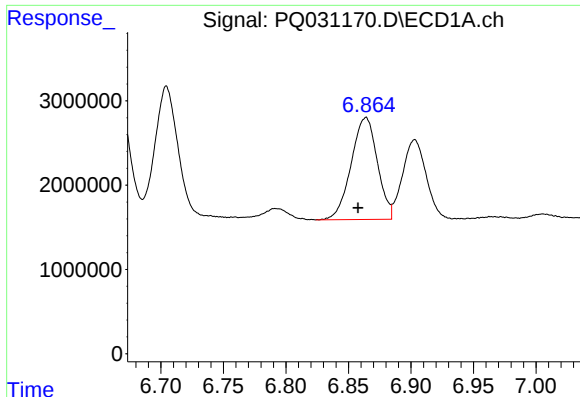
#25 AR-1248-5

R.T.: 6.903 min  
Delta R.T.: -0.002 min  
Response: 12381908  
Conc: 214.99 ng/ml



#25 AR-1248-5

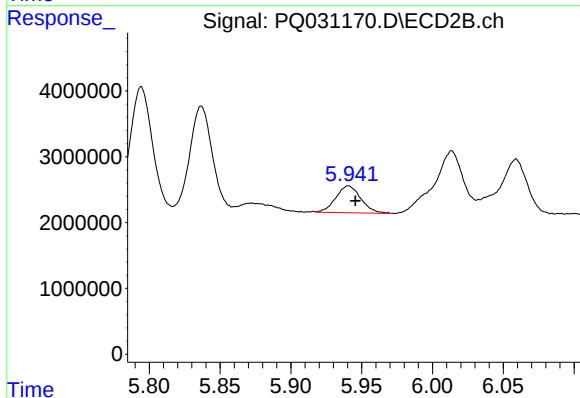
R.T.: 6.349 min  
Delta R.T.: -0.004 min  
Response: 7466741  
Conc: 103.41 ng/ml



#26 AR-1254-1

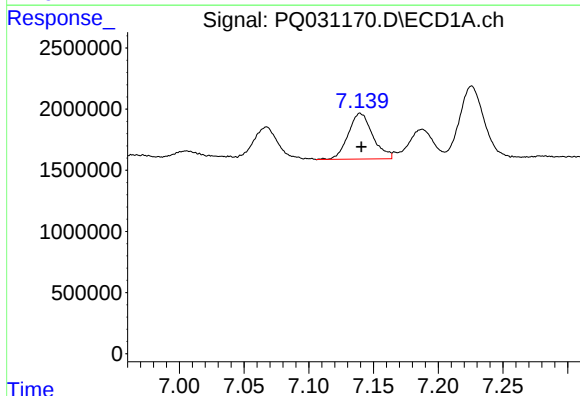
R.T.: 6.864 min  
Delta R.T.: 0.006 min  
Response: 17672235  
Conc: 110.53 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



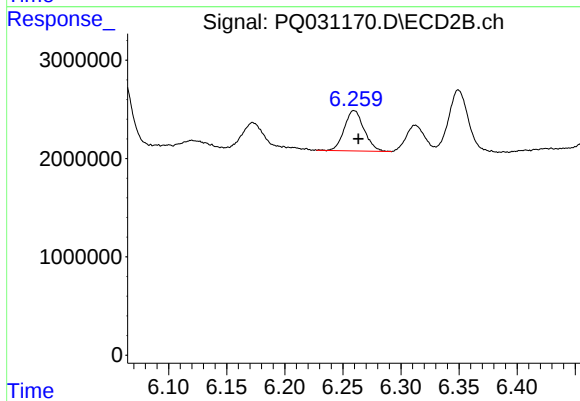
#26 AR-1254-1

R.T.: 5.941 min  
Delta R.T.: -0.005 min  
Response: 5000173  
Conc: 35.29 ng/ml



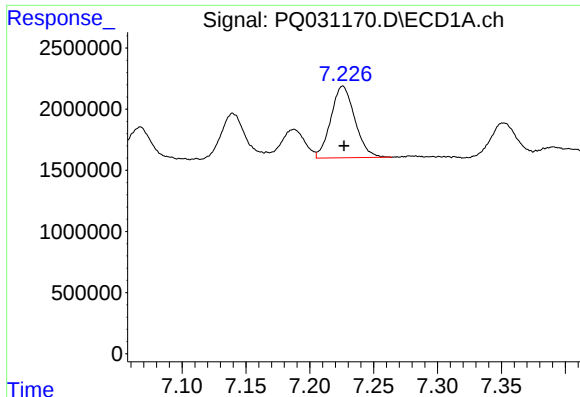
#27 AR-1254-2

R.T.: 7.140 min  
Delta R.T.: 0.000 min  
Response: 4913088  
Conc: 49.94 ng/ml



#27 AR-1254-2

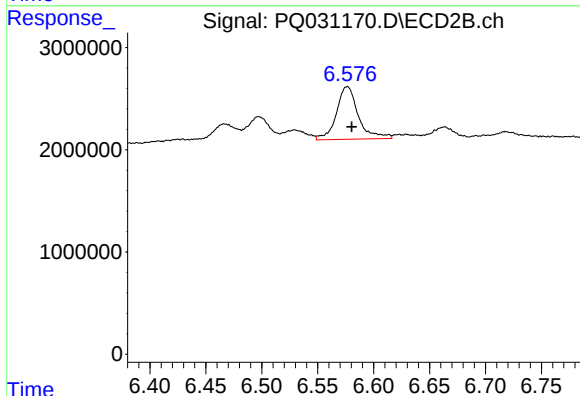
R.T.: 6.260 min  
Delta R.T.: -0.004 min  
Response: 4883539  
Conc: 40.84 ng/ml



#28 AR-1254-3

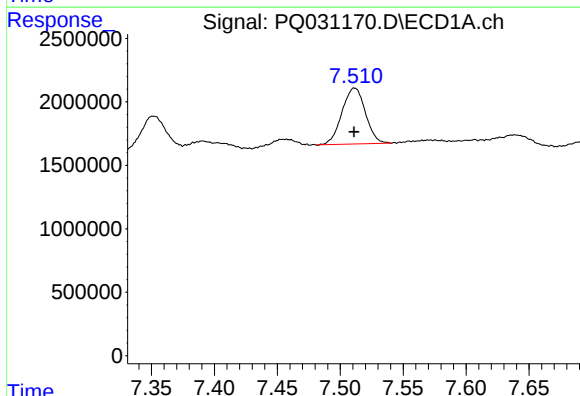
R.T.: 7.226 min  
Delta R.T.: 0.000 min  
Response: 7649329  
Conc: 42.78 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



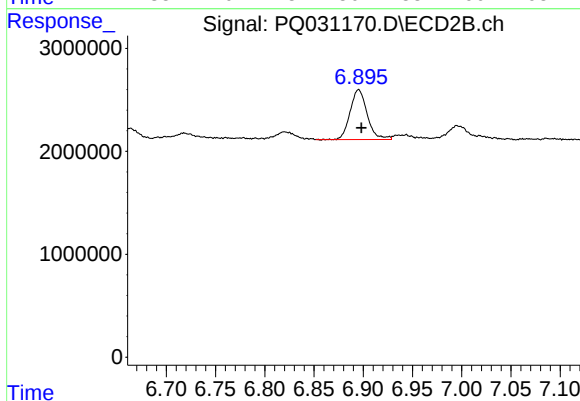
#28 AR-1254-3

R.T.: 6.576 min  
Delta R.T.: -0.004 min  
Response: 7036586  
Conc: 39.58 ng/ml



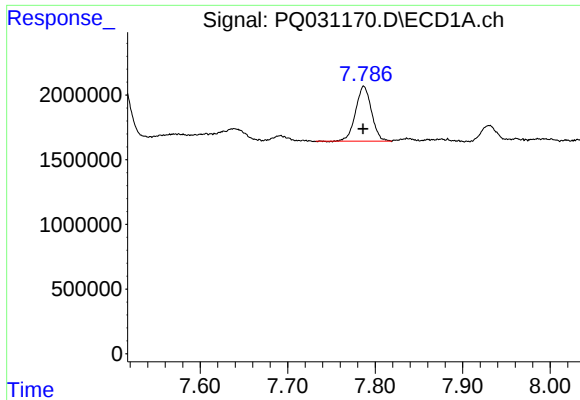
#29 AR-1254-4

R.T.: 7.512 min  
Delta R.T.: 0.000 min  
Response: 5714746  
Conc: 43.72 ng/ml



#29 AR-1254-4

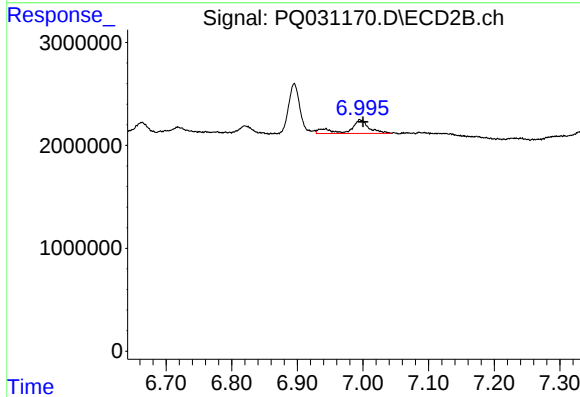
R.T.: 6.895 min  
Delta R.T.: -0.003 min  
Response: 5856628  
Conc: 54.64 ng/ml



#30 AR-1254-5

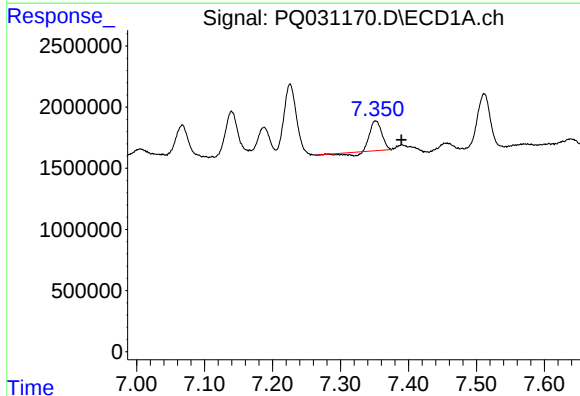
R.T.: 7.787 min  
Delta R.T.: 0.000 min  
Response: 5359766  
Conc: 53.45 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



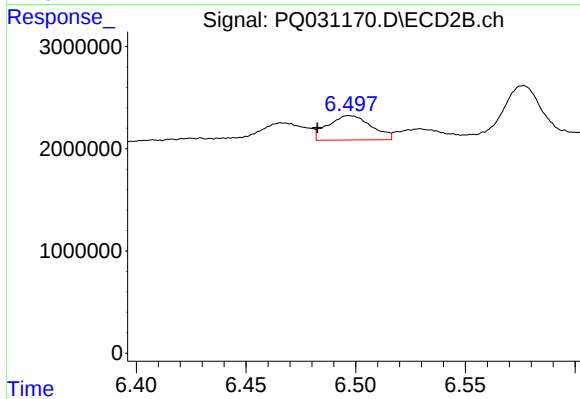
#30 AR-1254-5

R.T.: 6.995 min  
Delta R.T.: -0.005 min  
Response: 2852289  
Conc: 12.93 ng/ml



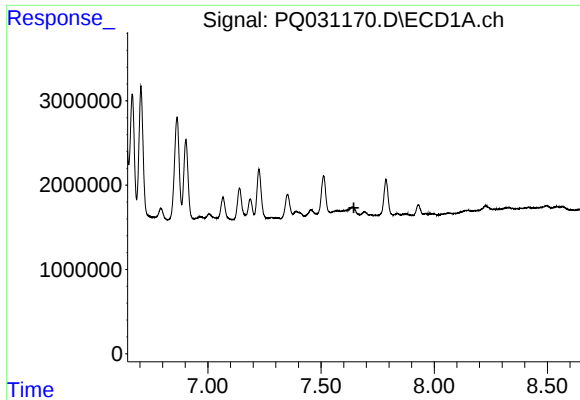
#31 AR-1260-1

R.T.: 7.352 min  
Delta R.T.: -0.038 min  
Response: 2613678  
Conc: 20.87 ng/ml



#31 AR-1260-1

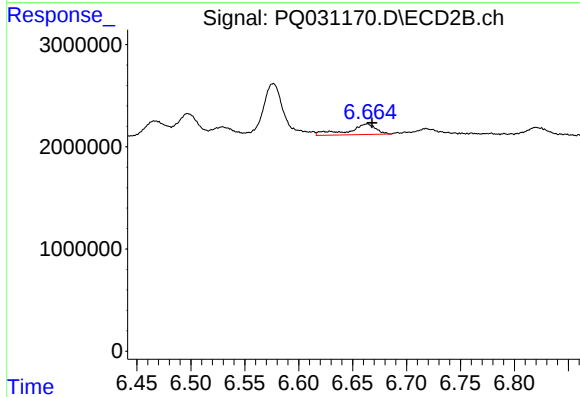
R.T.: 6.497 min  
Delta R.T.: 0.015 min  
Response: 3282685  
Conc: 22.07 ng/ml



#32 AR-1260-2

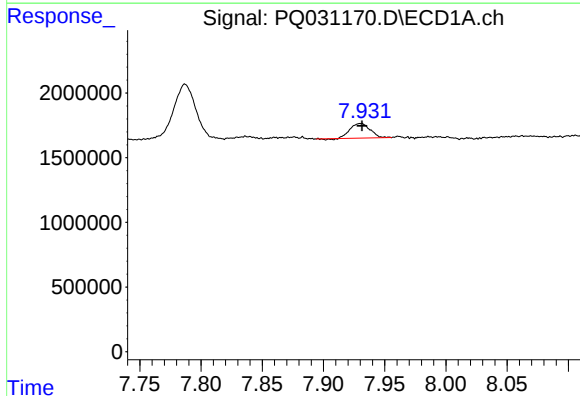
R.T.: 0.000 min  
Exp R.T.: 7.645 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :



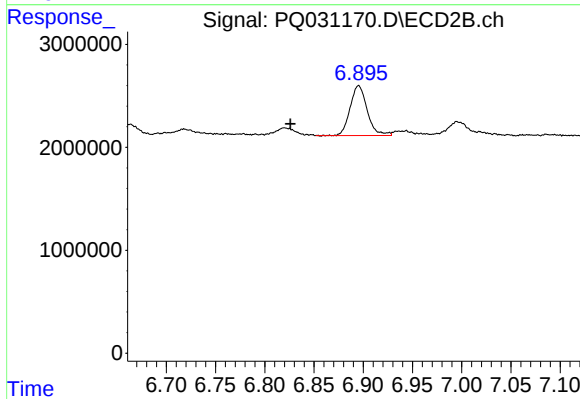
#32 AR-1260-2

R.T.: 6.663 min  
Delta R.T.: -0.005 min  
Response: 1832031  
Conc: 10.28 ng/ml



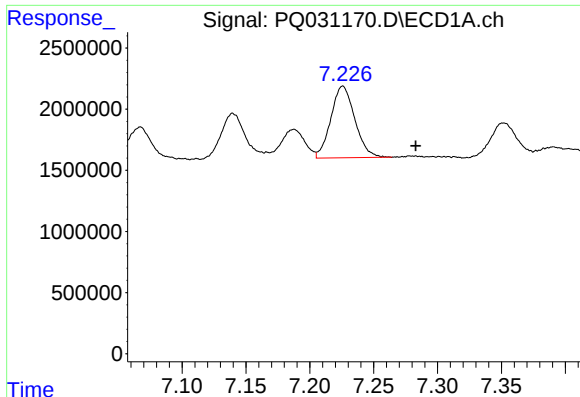
#33 AR-1260-3

R.T.: 7.930 min  
Delta R.T.: -0.001 min  
Response: 1277471  
Conc: 7.11 ng/ml



#33 AR-1260-3

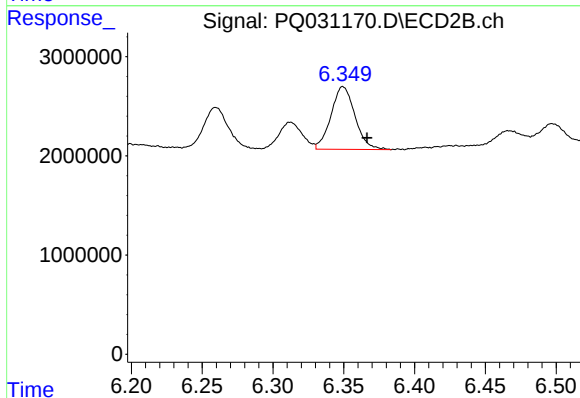
R.T.: 6.895 min  
Delta R.T.: 0.069 min  
Response: 5856628  
Conc: 34.07 ng/ml



#36 AR-1262-1

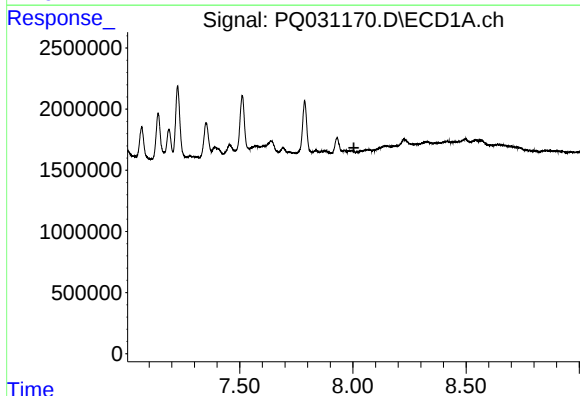
R.T.: 7.226 min  
Delta R.T.: -0.057 min  
Response: 7649329  
Conc: 96.12 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



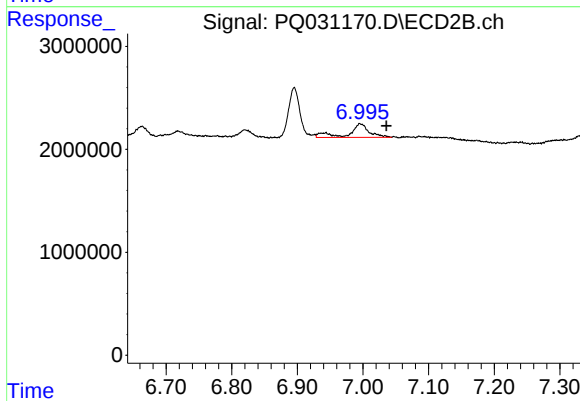
#36 AR-1262-1

R.T.: 6.349 min  
Delta R.T.: -0.017 min  
Response: 7466741  
Conc: 62.62 ng/ml



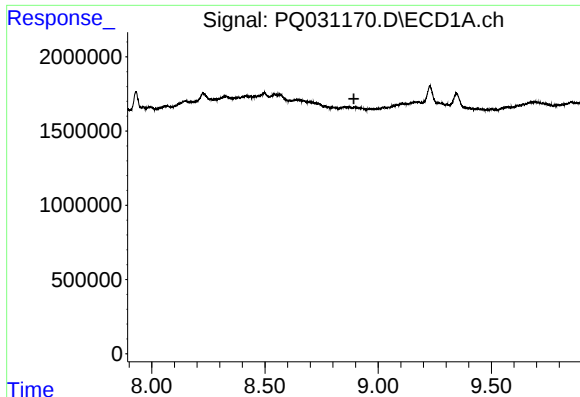
#41 AR-1268-1

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



#41 AR-1268-1

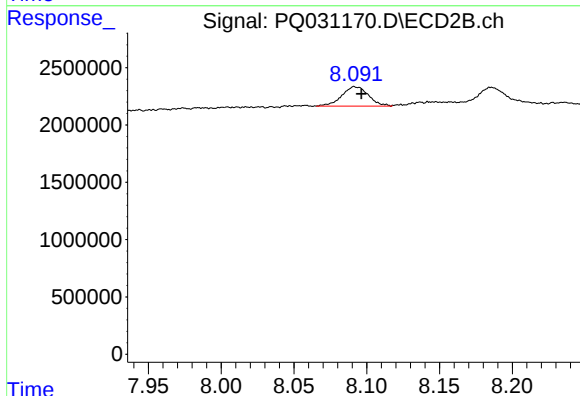
R.T.: 6.995 min  
Delta R.T.: -0.040 min  
Response: 2852289  
Conc: 32.49 ng/ml



#43 AR-1268-3

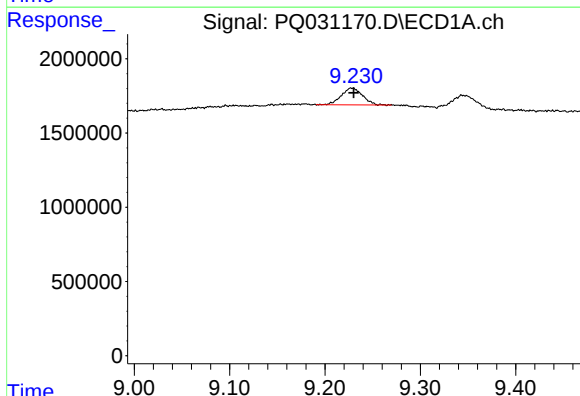
R.T.: 0.000 min  
Exp R.T.: 8.893 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :



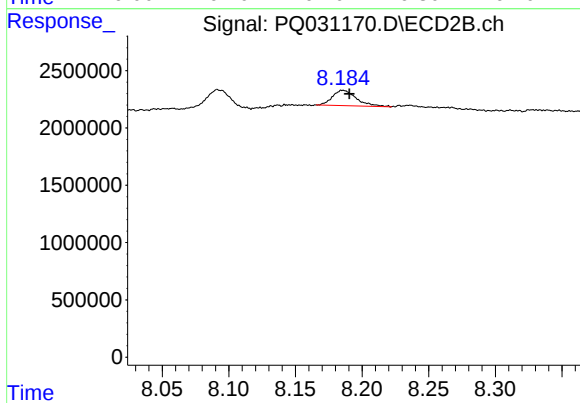
#43 AR-1268-3

R.T.: 8.092 min  
Delta R.T.: -0.004 min  
Response: 2157772  
Conc: 5.52 ng/ml



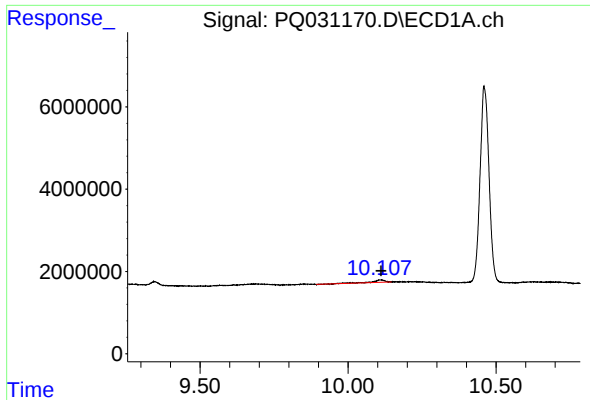
#44 AR-1268-4

R.T.: 9.228 min  
Delta R.T.: -0.002 min  
Response: 1734390  
Conc: 5.47 ng/ml



#44 AR-1268-4

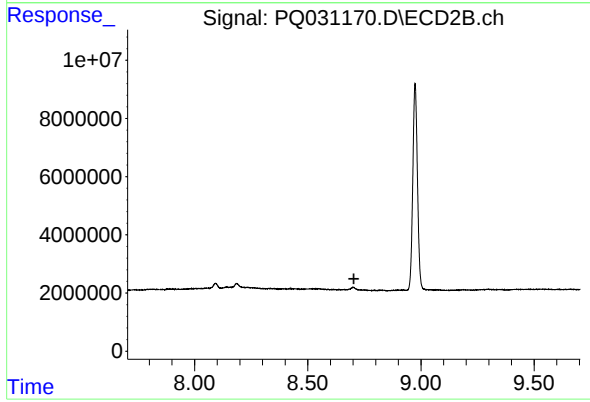
R.T.: 8.186 min  
Delta R.T.: -0.005 min  
Response: 1663183  
Conc: 17.03 ng/ml



#45 AR-1268-5

R.T.: 10.107 min  
Delta R.T.: -0.004 min  
Response: 1784878  
Conc: 1.99 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



#45 AR-1268-5

R.T.: 0.000 min  
Exp R.T. : 8.704 min  
Response: 0  
Conc: N.D.