

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Data\PQ100120\  
 Data File : PQ050121.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 01 Oct 2020 14:43  
 Operator : DD\AJ  
 Sample : AR1254CCC400  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 ECD\_Q  
 ClientSampleId :  
 AR1254329

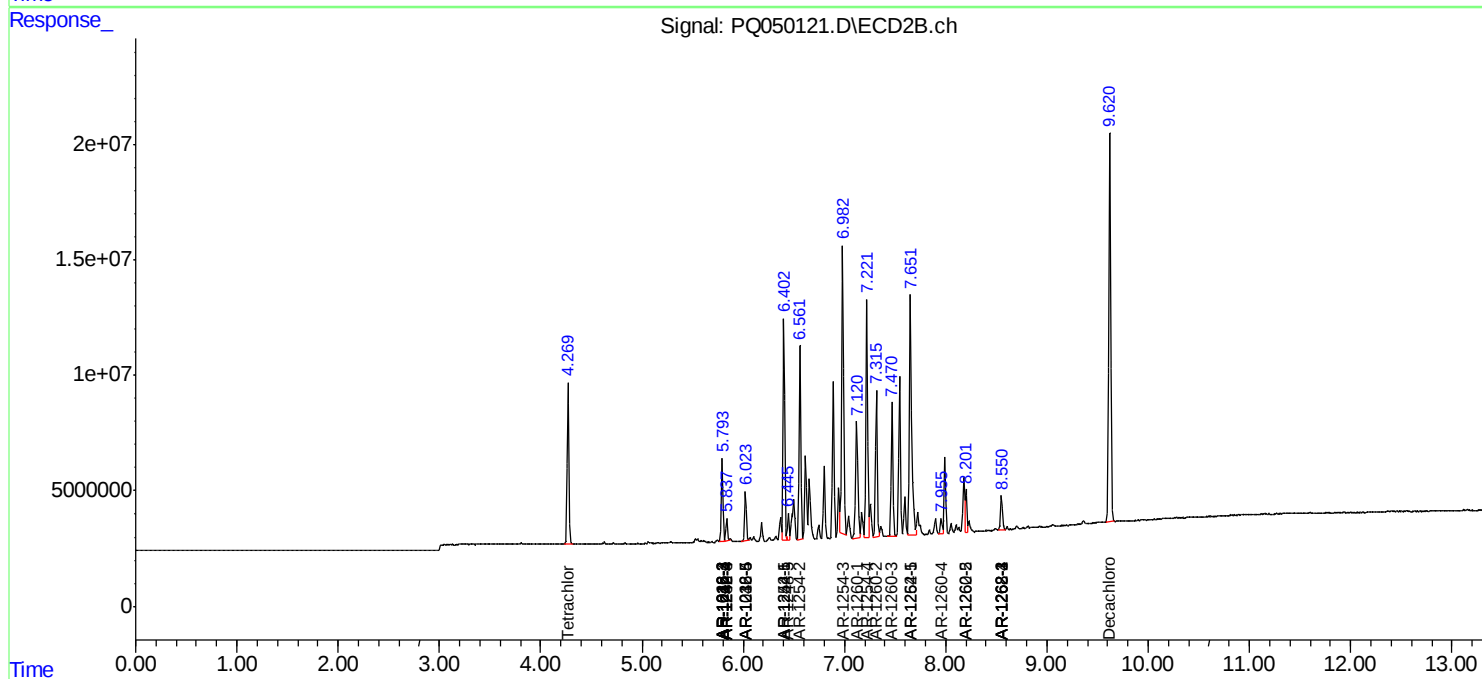
Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 02 02:16:22 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Method\PQ092420CLP.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Thu Sep 24 08:00:48 2020  
 Response via : Initial Calibration  
 Integrator: ChemStation

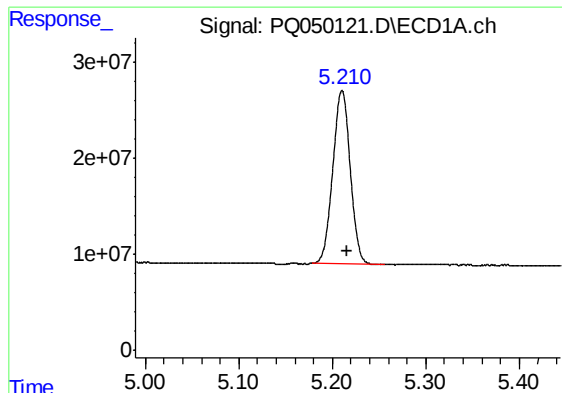
Volume Inj. : 1 µl  
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2  
 Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

| Compound                    | RT#1   | RT#2   | Resp#1   | Resp#2   | ng/ml    | ng/ml     |
|-----------------------------|--------|--------|----------|----------|----------|-----------|
| -----                       |        |        |          |          |          |           |
| System Monitoring Compounds |        |        |          |          |          |           |
| 1) SA Tetrachlo...          | 5.210  | 4.270  | 234.0E6  | 80517508 | 23.635   | 22.841    |
| 2) SA Decachlor...          | 11.406 | 9.621  | 271.9E6  | 236.7E6  | 40.053   | 44.000    |
| Target Compounds            |        |        |          |          |          |           |
| 3) L1 AR-1016-1             | 6.542  | 0.000  | 4731098  | 0        | 14.642   | N.D. #    |
| 4) L1 AR-1016-2             | 6.567  | 0.000  | 5586538  | 0        | 11.884   | N.D. #    |
| 5) L1 AR-1016-3             | 6.567f | 5.793f | 5586538  | 41216569 | 18.403   | 347.870 # |
| 6) L1 AR-1016-4             | 0.000  | 5.793  | 0        | 41216569 | N.D.     | 436.731 # |
| 7) L1 AR-1016-5             | 7.055  | 6.023  | 53026989 | 24510114 | 240.192  | 198.258   |
| 13) L3 AR-1232-3            | 6.567  | 5.793f | 5586538  | 41216569 | 25.825   | 832.178 # |
| 14) L3 AR-1232-4            | 0.000  | 5.838  | 0        | 10928988 | N.D.     | 245.228 # |
| 15) L3 AR-1232-5            | 6.835  | 6.023  | 90383729 | 24510114 | 1199.814 | 482.330 # |
| 16) L4 AR-1242-1            | 6.542  | 0.000  | 4731098  | 0        | 17.541   | N.D. #    |
| 17) L4 AR-1242-2            | 6.567  | 0.000  | 5586538  | 0        | 14.795   | N.D. #    |
| 18) L4 AR-1242-3            | 6.567f | 5.793f | 5586538  | 41216569 | 23.449   | 446.045 # |
| 19) L4 AR-1242-4            | 0.000  | 5.838  | 0        | 10928988 | N.D.     | 122.126 # |
| 20) L4 AR-1242-5            | 7.527  | 6.403  | 49525555 | 113.3E6  | 257.102  | 850.252 # |
| 21) L5 AR-1248-1            | 6.542  | 0.000  | 4731098  | 0        | 21.759   | N.D. #    |
| 22) L5 AR-1248-2            | 6.835  | 5.793  | 90383729 | 41216569 | 326.350  | 316.174   |
| 23) L5 AR-1248-3            | 7.055  | 5.838  | 53026989 | 10928988 | 176.444  | 82.387 #  |
| 24) L5 AR-1248-4            | 7.485  | 6.023  | 82069172 | 24510114 | 245.356  | 148.444 # |
| 25) L5 AR-1248-5            | 7.527  | 6.446  | 49525555 | 13671311 | 157.325  | 75.428 #  |
| 26) L6 AR-1254-1            | 7.453  | 6.403  | 150.0E6  | 113.3E6  | 454.634  | 409.030   |
| 27) L6 AR-1254-2            | 7.682  | 6.562  | 223.3E6  | 100.1E6  | 458.851  | 404.734   |
| 28) L6 AR-1254-3            | 8.068  | 6.983  | 217.9E6  | 161.8E6  | 448.159  | 394.505   |
| 29) L6 AR-1254-4            | 8.366  | 7.221  | 170.2E6  | 122.7E6  | 448.551  | 405.667   |
| 30) L6 AR-1254-5            | 8.795  | 7.651  | 193.6E6  | 164.1E6  | 518.036  | 409.207   |
| 31) L7 AR-1260-1            | 8.231  | 7.120  | 90746241 | 81550605 | 278.643  | 332.787   |
| 32) L7 AR-1260-2            | 8.498  | 7.315  | 101.5E6  | 75983301 | 262.268  | 215.451   |
| 33) L7 AR-1260-3            | 8.858  | 7.470  | 22156883 | 69672501 | 73.791   | 231.216 # |
| 34) L7 AR-1260-4            | 9.106  | 7.956  | 67307434 | 8337289  | 208.782  | 30.578 #  |
| 35) L7 AR-1260-5            | 9.456  | 8.201  | 32070935 | 21292152 | 47.792   | 27.622 #  |
| 36) L8 AR-1262-1            | 8.858  | 7.651  | 22156883 | 164.1E6  | 50.799   | 790.281 # |
| 37) L8 AR-1262-2            | 9.456  | 8.201  | 32070935 | 21292152 | 41.609   | 23.998 #  |
| 38) L8 AR-1262-3            | 9.817  | 8.551f | 21927952 | 20043564 | 59.919   | 54.345    |
| 39) L8 AR-1262-4            | 9.868  | 8.551  | 5779518  | 20043564 | 13.065   | 31.387 #  |
| 41) L9 AR-1268-1            | 9.817  | 8.551f | 21927952 | 20043564 | 22.814   | 17.873    |
| 42) L9 AR-1268-2            | 9.868  | 8.551  | 5779518  | 20043564 | 6.282    | 20.648 #  |
| -----                       |        |        |          |          |          |           |

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

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

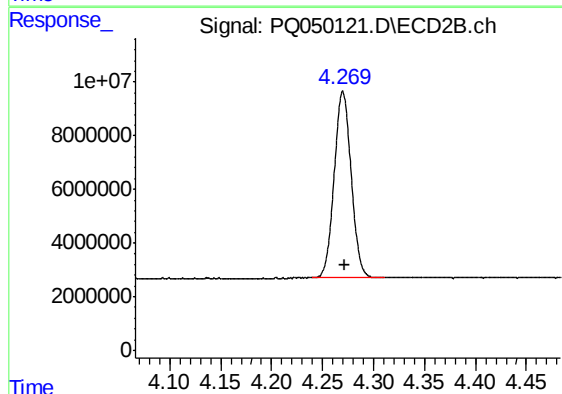




#1 Tetrachloro-m-xylene

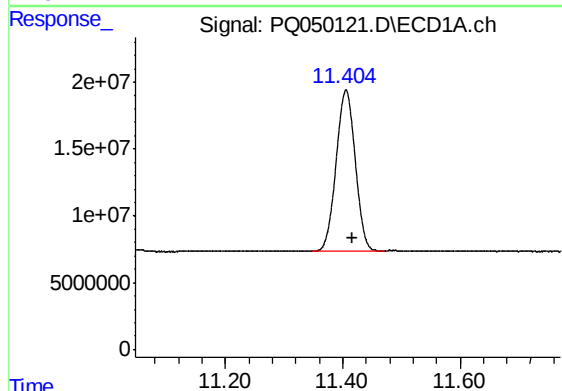
R.T.: 5.210 min  
Delta R.T.: -0.006 min  
Response: 233974723  
Conc: 23.63 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
AR1254329



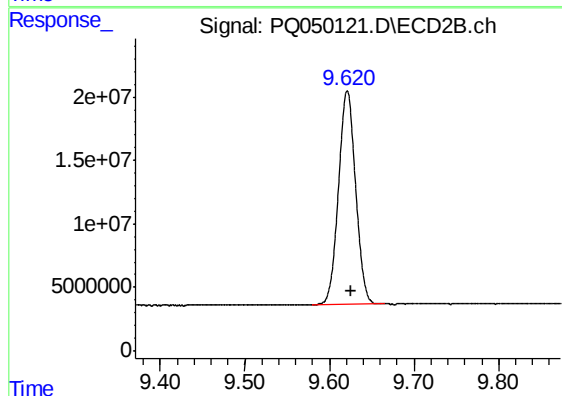
#1 Tetrachloro-m-xylene

R.T.: 4.270 min  
Delta R.T.: -0.002 min  
Response: 80517508  
Conc: 22.84 ng/ml



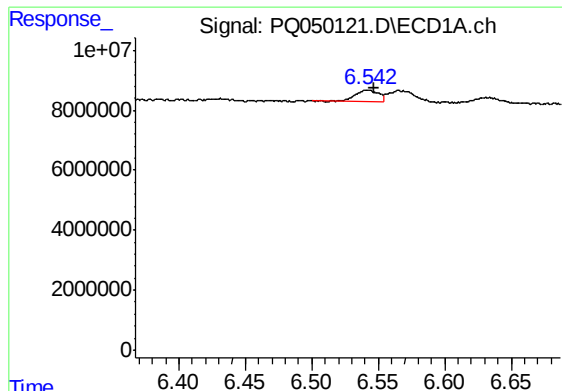
#2 Decachlorobiphenyl

R.T.: 11.406 min  
Delta R.T.: -0.010 min  
Response: 271911645  
Conc: 40.05 ng/ml



#2 Decachlorobiphenyl

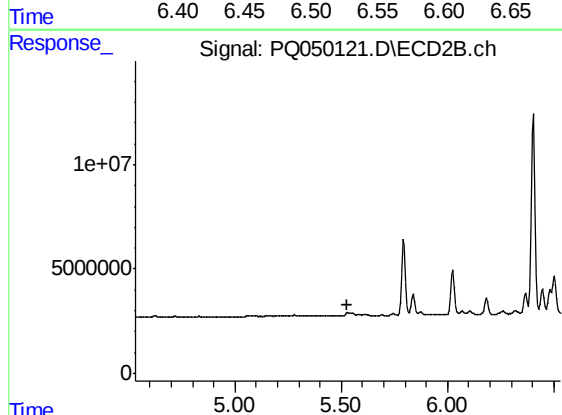
R.T.: 9.621 min  
Delta R.T.: -0.004 min  
Response: 236673309  
Conc: 44.00 ng/ml



#3 AR-1016-1

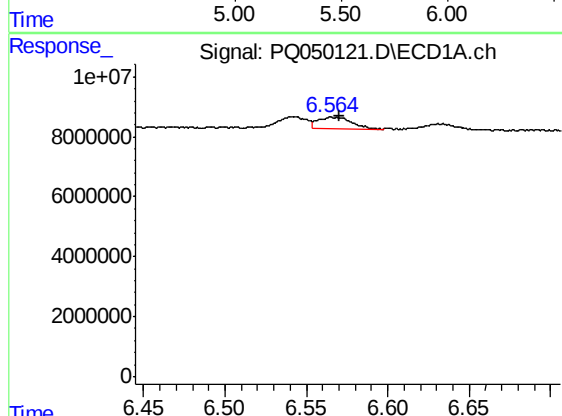
R.T.: 6.542 min  
Delta R.T.: -0.005 min  
Response: 4731098  
Conc: 14.64 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
AR1254329



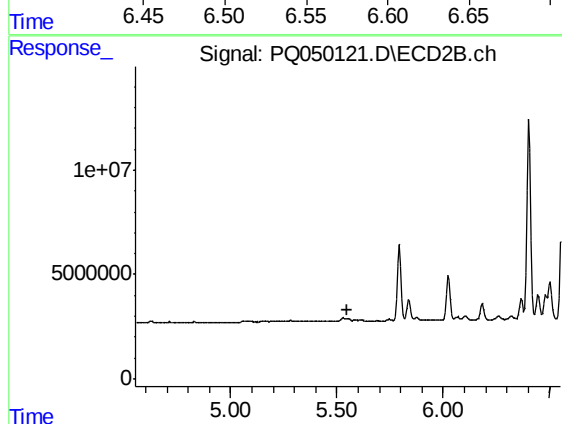
#3 AR-1016-1

R.T.: 0.000 min  
Exp R.T. : 5.531 min  
Response: 0  
Conc: N.D.



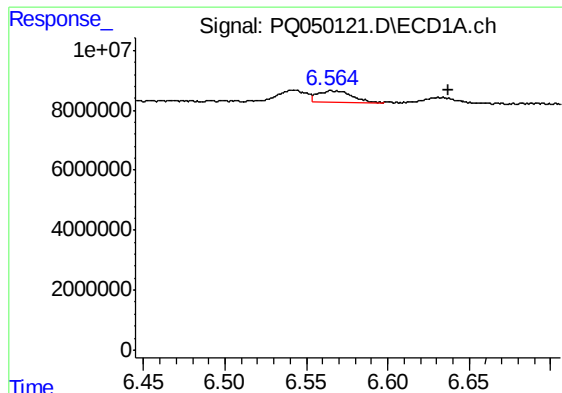
#4 AR-1016-2

R.T.: 6.567 min  
Delta R.T.: -0.003 min  
Response: 5586538  
Conc: 11.88 ng/ml



#4 AR-1016-2

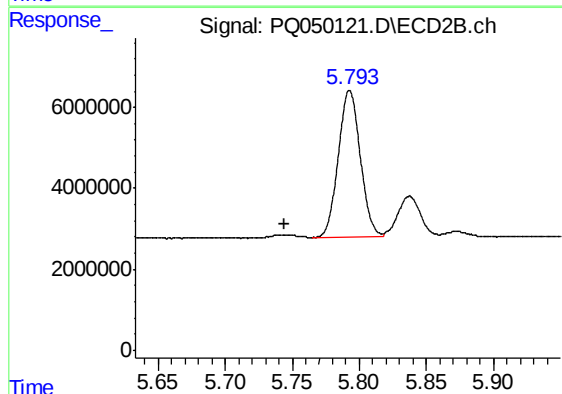
R.T.: 0.000 min  
Exp R.T. : 5.551 min  
Response: 0  
Conc: N.D.



#5 AR-1016-3

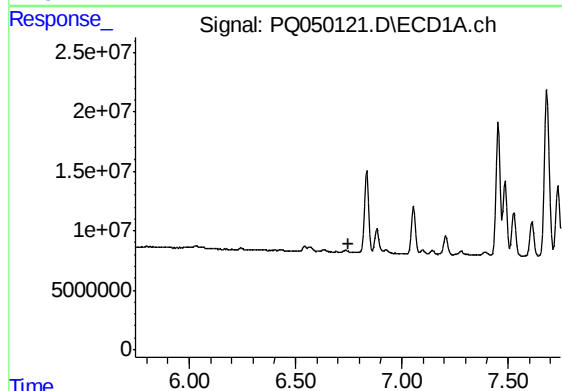
R.T.: 6.567 min  
Delta R.T.: -0.070 min  
Response: 5586538  
Conc: 18.40 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
AR1254329



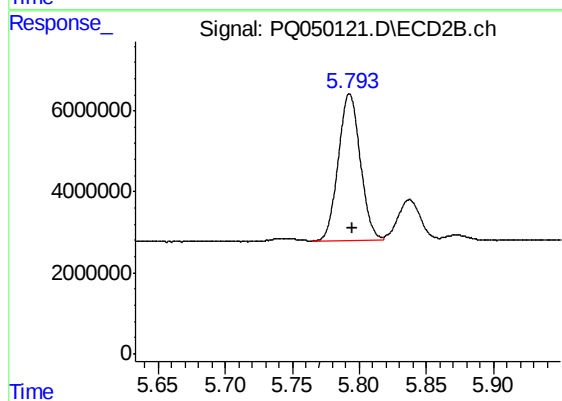
#5 AR-1016-3

R.T.: 5.793 min  
Delta R.T.: 0.048 min  
Response: 41216569  
Conc: 347.87 ng/ml



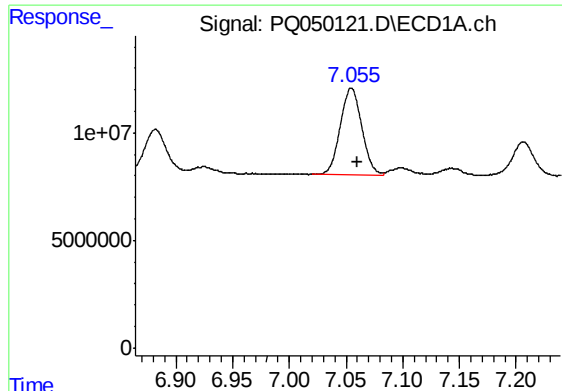
#6 AR-1016-4

R.T.: 0.000 min  
Exp R.T. : 6.747 min  
Response: 0  
Conc: N.D.



#6 AR-1016-4

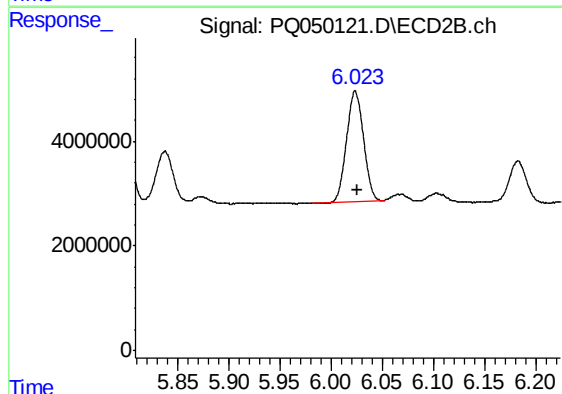
R.T.: 5.793 min  
Delta R.T.: -0.002 min  
Response: 41216569  
Conc: 436.73 ng/ml



#7 AR-1016-5

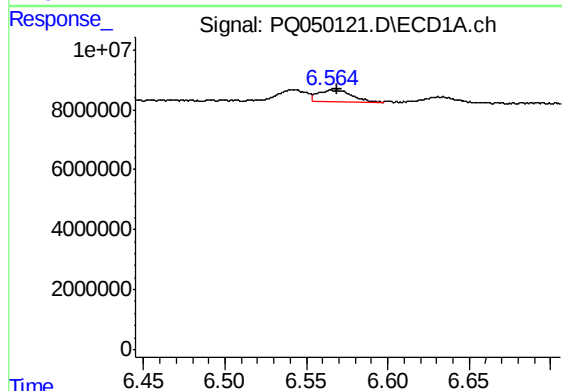
R.T.: 7.055 min  
Delta R.T.: -0.005 min  
Response: 53026989  
Conc: 240.19 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
AR1254329



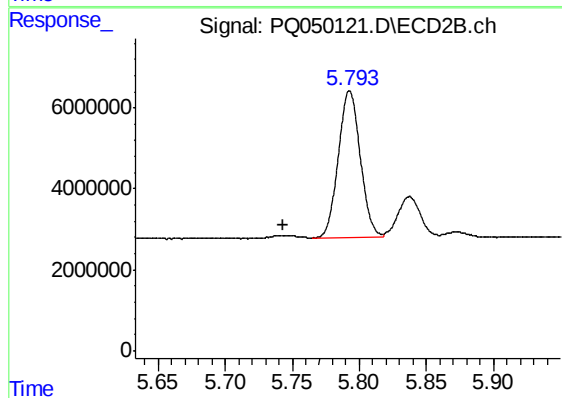
#7 AR-1016-5

R.T.: 6.023 min  
Delta R.T.: -0.002 min  
Response: 24510114  
Conc: 198.26 ng/ml



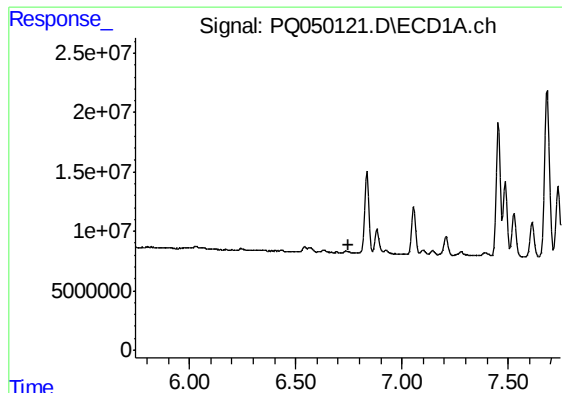
#13 AR-1232-3

R.T.: 6.567 min  
Delta R.T.: -0.001 min  
Response: 5586538  
Conc: 25.83 ng/ml



#13 AR-1232-3

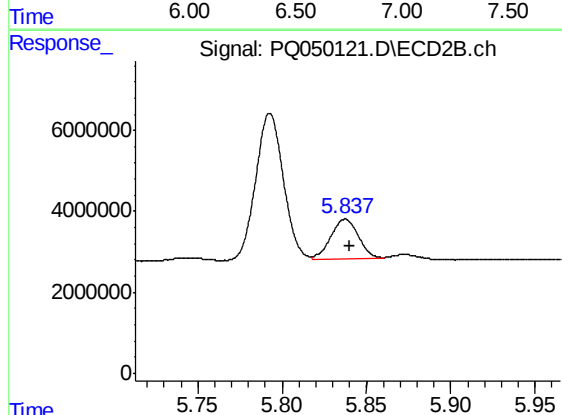
R.T.: 5.793 min  
Delta R.T.: 0.050 min  
Response: 41216569  
Conc: 832.18 ng/ml



#14 AR-1232-4

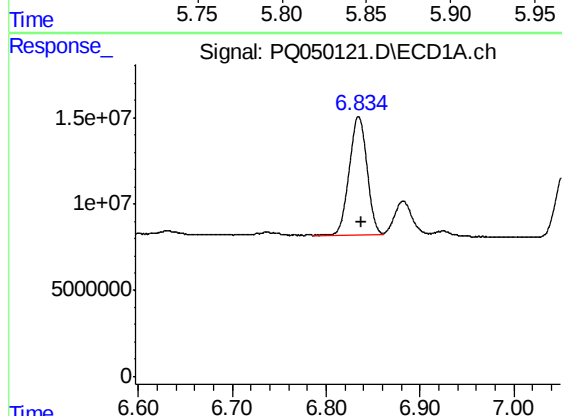
R.T.: 0.000 min  
Exp R.T.: 6.746 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :  
AR1254329



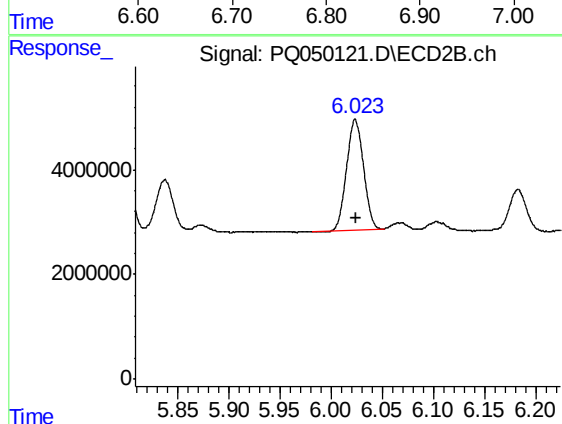
#14 AR-1232-4

R.T.: 5.838 min  
Delta R.T.: -0.002 min  
Response: 10928988  
Conc: 245.23 ng/ml



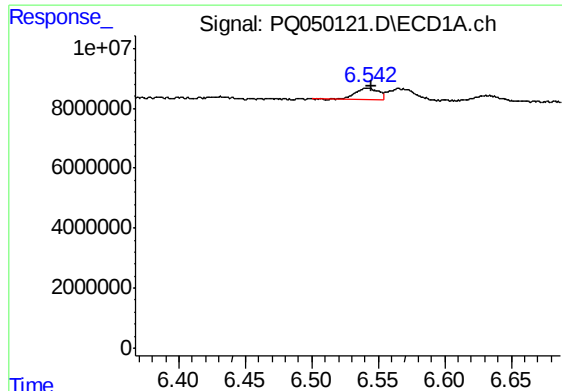
#15 AR-1232-5

R.T.: 6.835 min  
Delta R.T.: -0.003 min  
Response: 90383729  
Conc: 1199.81 ng/ml



#15 AR-1232-5

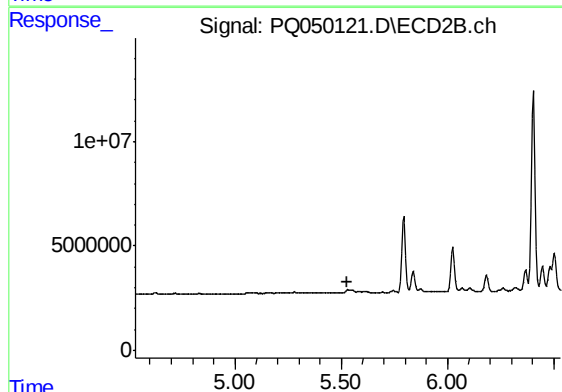
R.T.: 6.023 min  
Delta R.T.: -0.002 min  
Response: 24510114  
Conc: 482.33 ng/ml



#16 AR-1242-1

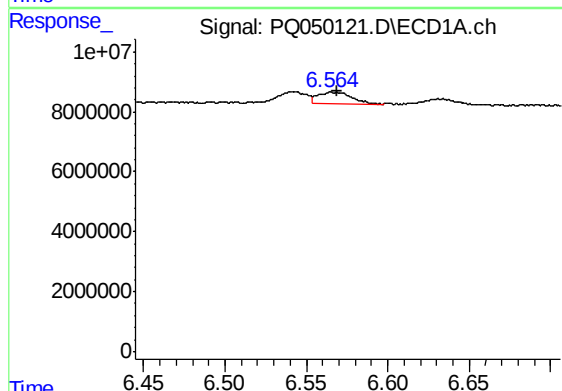
R.T.: 6.542 min  
Delta R.T.: -0.003 min  
Response: 4731098  
Conc: 17.54 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
AR1254329



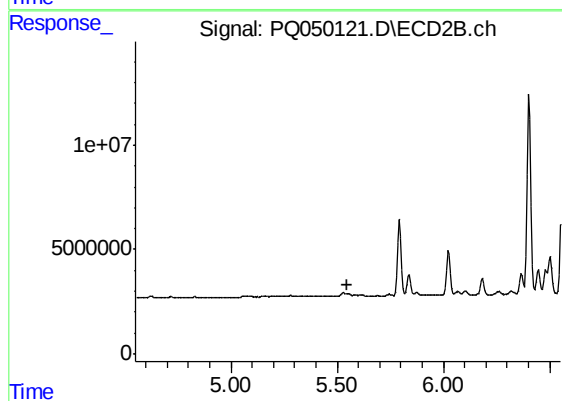
#16 AR-1242-1

R.T.: 0.000 min  
Exp R.T. : 5.531 min  
Response: 0  
Conc: N.D.



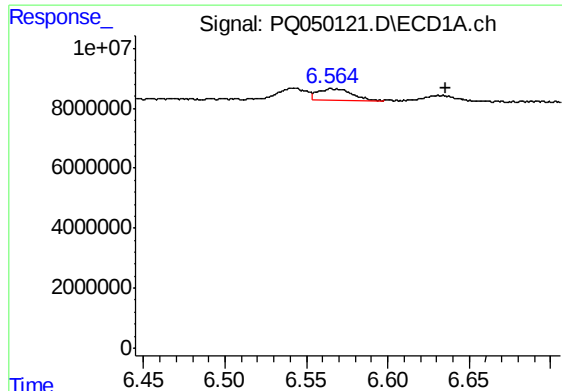
#17 AR-1242-2

R.T.: 6.567 min  
Delta R.T.: -0.001 min  
Response: 5586538  
Conc: 14.79 ng/ml



#17 AR-1242-2

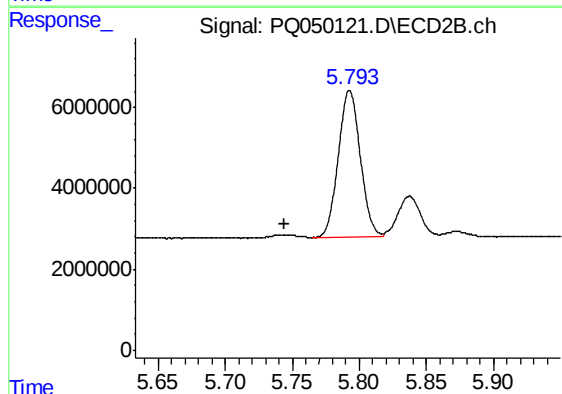
R.T.: 0.000 min  
Exp R.T. : 5.551 min  
Response: 0  
Conc: N.D.



#18 AR-1242-3

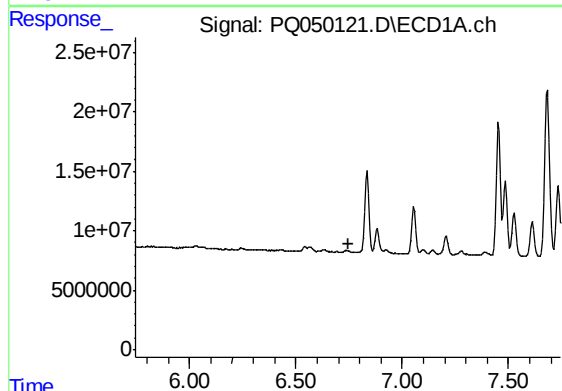
R.T.: 6.567 min  
Delta R.T.: -0.069 min  
Response: 5586538  
Conc: 23.45 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
AR1254329



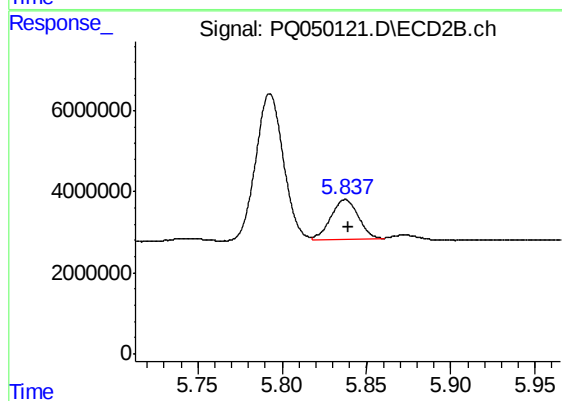
#18 AR-1242-3

R.T.: 5.793 min  
Delta R.T.: 0.049 min  
Response: 41216569  
Conc: 446.05 ng/ml



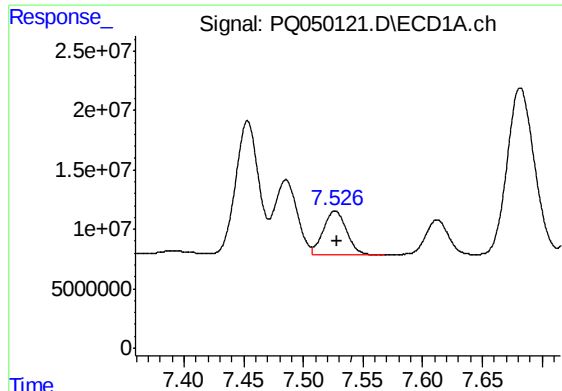
#19 AR-1242-4

R.T.: 0.000 min  
Exp R.T. : 6.745 min  
Response: 0  
Conc: N.D.



#19 AR-1242-4

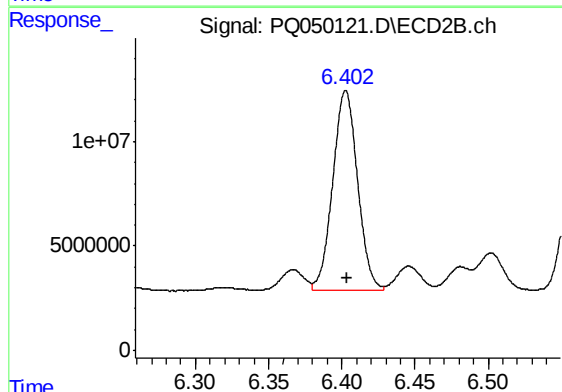
R.T.: 5.838 min  
Delta R.T.: -0.002 min  
Response: 10928988  
Conc: 122.13 ng/ml



#20 AR-1242-5

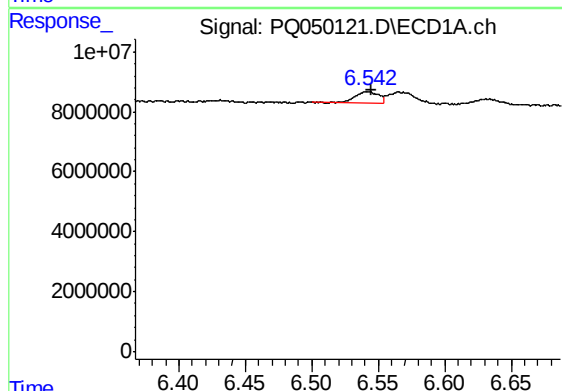
R.T.: 7.527 min  
Delta R.T.: -0.002 min  
Response: 49525555  
Conc: 257.10 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
AR1254329



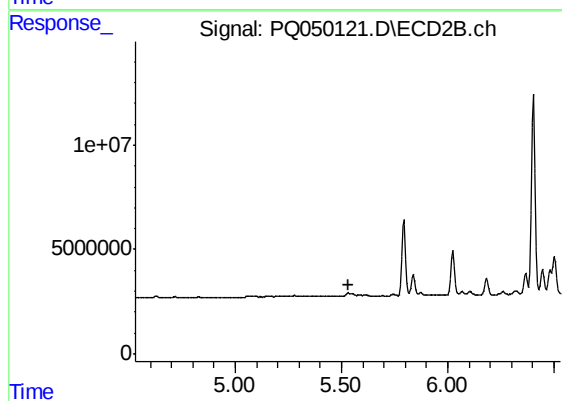
#20 AR-1242-5

R.T.: 6.403 min  
Delta R.T.: 0.000 min  
Response: 113344154  
Conc: 850.25 ng/ml



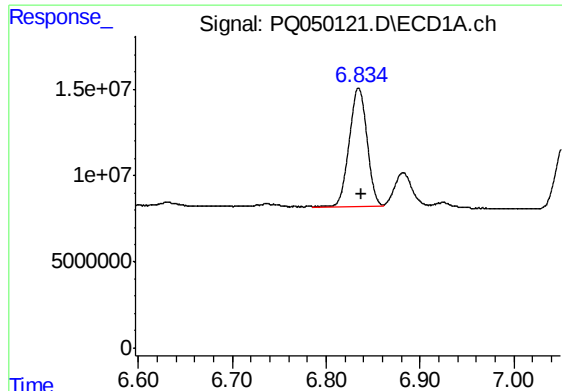
#21 AR-1248-1

R.T.: 6.542 min  
Delta R.T.: -0.003 min  
Response: 4731098  
Conc: 21.76 ng/ml



#21 AR-1248-1

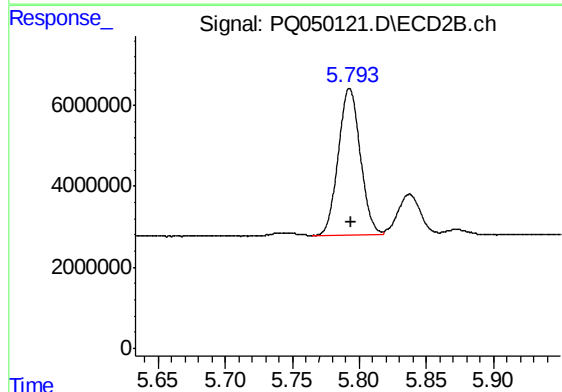
R.T.: 0.000 min  
Exp R.T. : 5.531 min  
Response: 0  
Conc: N.D.



#22 AR-1248-2

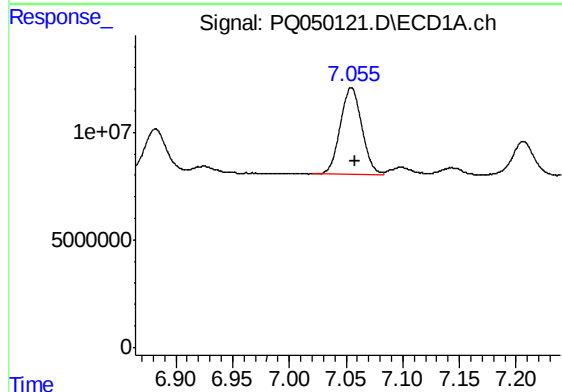
R.T.: 6.835 min  
Delta R.T.: -0.003 min  
Response: 90383729  
Conc: 326.35 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
AR1254329



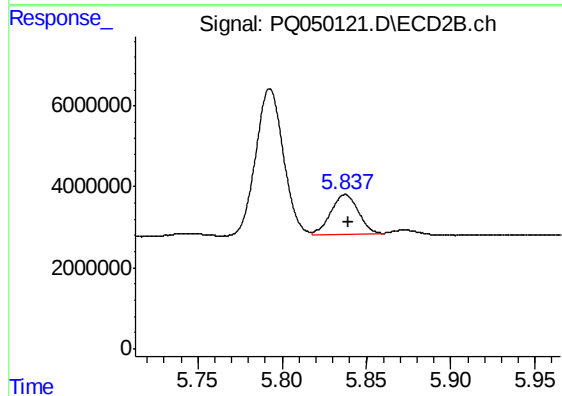
#22 AR-1248-2

R.T.: 5.793 min  
Delta R.T.: -0.001 min  
Response: 41216569  
Conc: 316.17 ng/ml



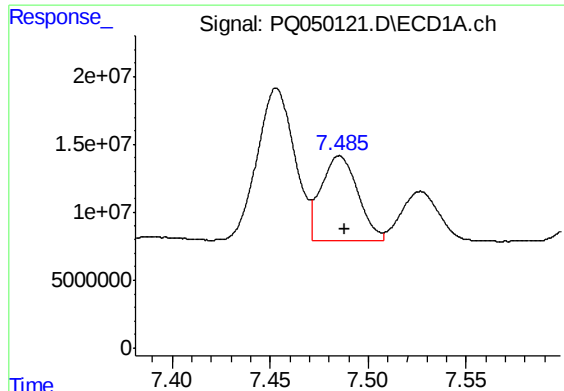
#23 AR-1248-3

R.T.: 7.055 min  
Delta R.T.: -0.003 min  
Response: 53026989  
Conc: 176.44 ng/ml



#23 AR-1248-3

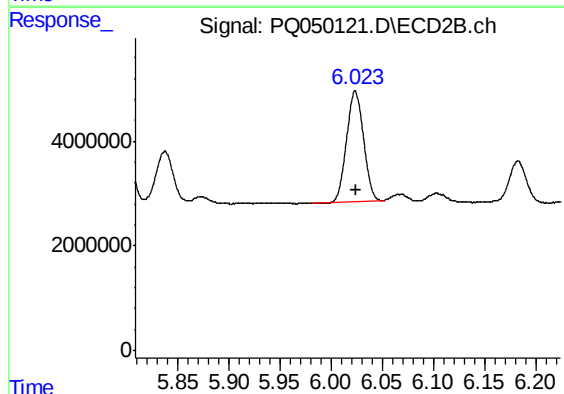
R.T.: 5.838 min  
Delta R.T.: -0.002 min  
Response: 10928988  
Conc: 82.39 ng/ml



#24 AR-1248-4

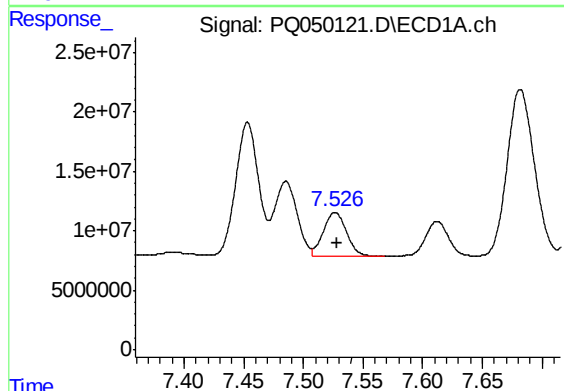
R.T.: 7.485 min  
Delta R.T.: -0.003 min  
Response: 82069172  
Conc: 245.36 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
AR1254329



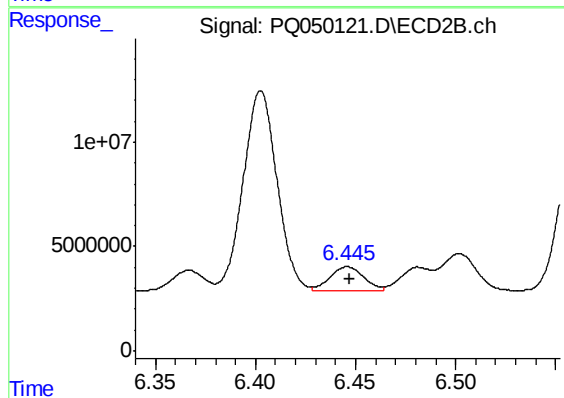
#24 AR-1248-4

R.T.: 6.023 min  
Delta R.T.: -0.001 min  
Response: 24510114  
Conc: 148.44 ng/ml



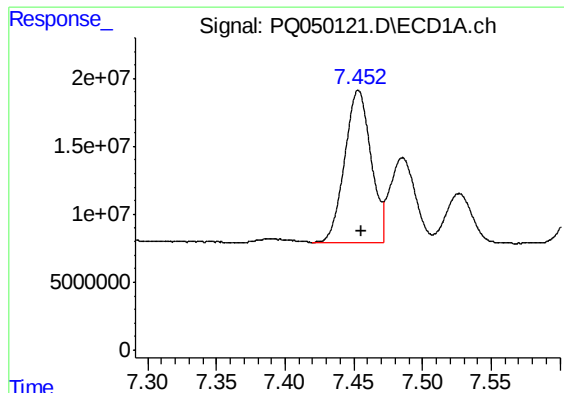
#25 AR-1248-5

R.T.: 7.527 min  
Delta R.T.: -0.001 min  
Response: 49525555  
Conc: 157.32 ng/ml



#25 AR-1248-5

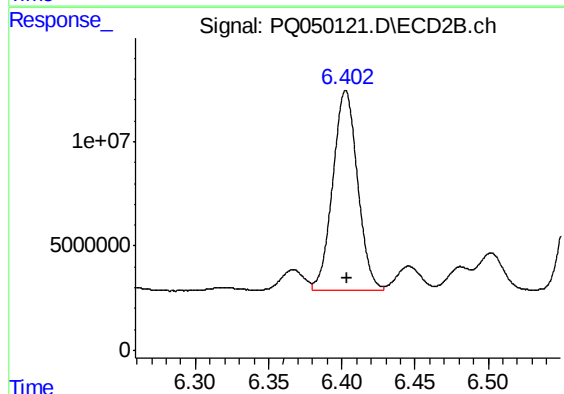
R.T.: 6.446 min  
Delta R.T.: -0.001 min  
Response: 13671311  
Conc: 75.43 ng/ml



#26 AR-1254-1

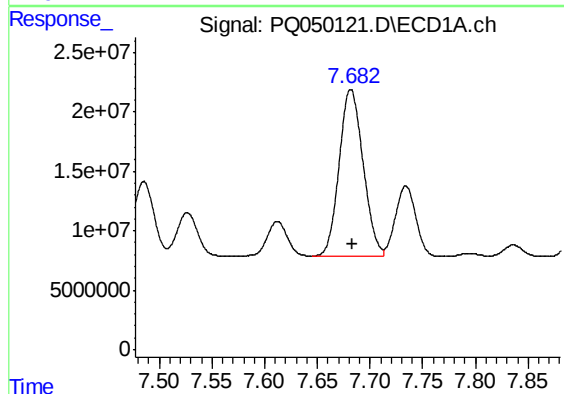
R.T.: 7.453 min  
Delta R.T.: -0.002 min  
Response: 149964334  
Conc: 454.63 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
AR1254329



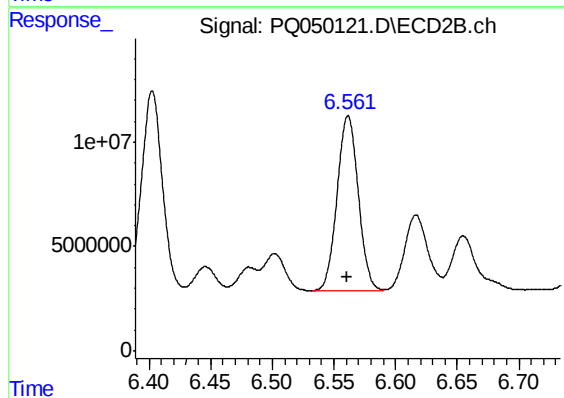
#26 AR-1254-1

R.T.: 6.403 min  
Delta R.T.: 0.000 min  
Response: 113344154  
Conc: 409.03 ng/ml



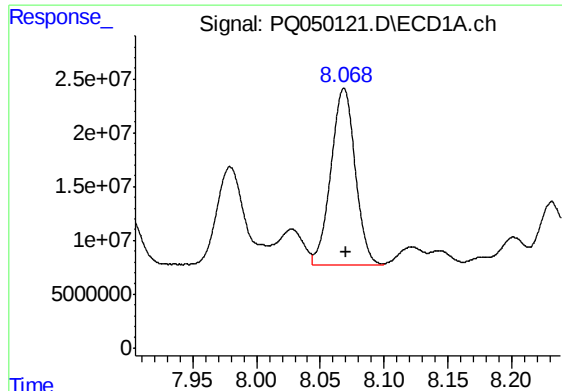
#27 AR-1254-2

R.T.: 7.682 min  
Delta R.T.: -0.002 min  
Response: 223299336  
Conc: 458.85 ng/ml



#27 AR-1254-2

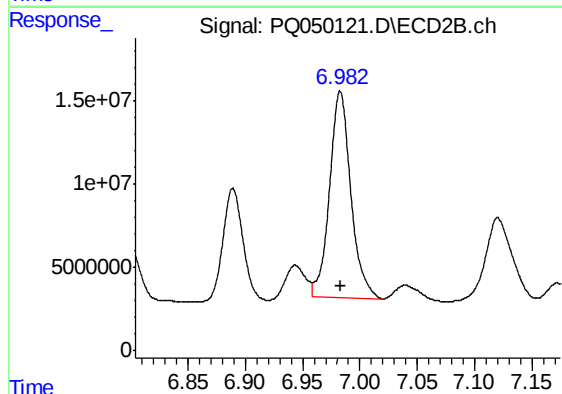
R.T.: 6.562 min  
Delta R.T.: 0.000 min  
Response: 100100227  
Conc: 404.73 ng/ml



#28 AR-1254-3

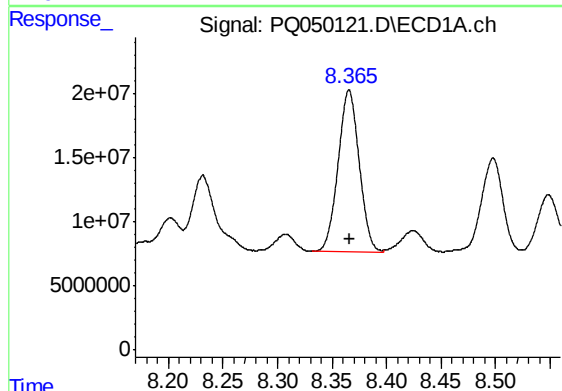
R.T.: 8.068 min  
Delta R.T.: -0.002 min  
Response: 217862234  
Conc: 448.16 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
AR1254329



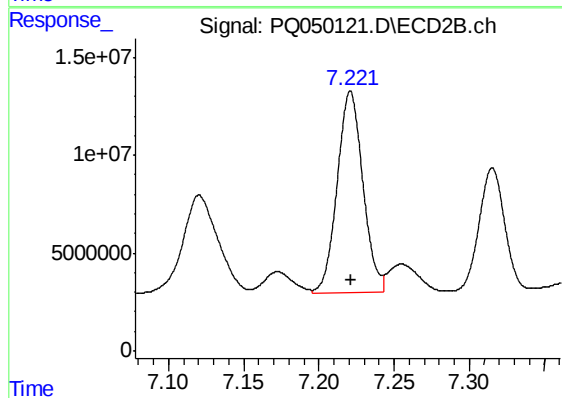
#28 AR-1254-3

R.T.: 6.983 min  
Delta R.T.: 0.000 min  
Response: 161809975  
Conc: 394.50 ng/ml



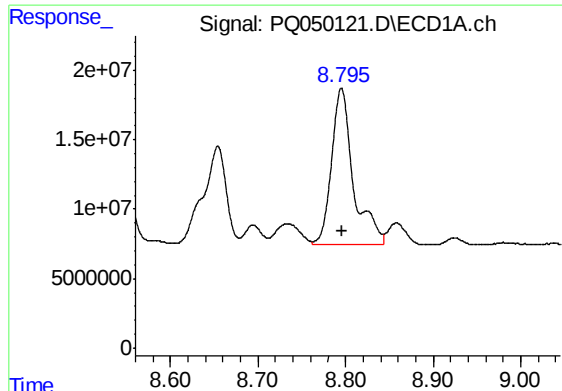
#29 AR-1254-4

R.T.: 8.366 min  
Delta R.T.: -0.001 min  
Response: 170153414  
Conc: 448.55 ng/ml



#29 AR-1254-4

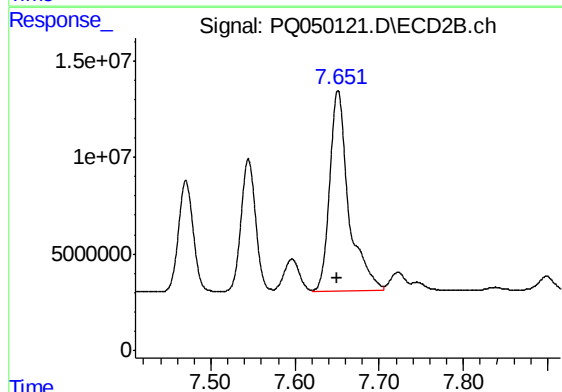
R.T.: 7.221 min  
Delta R.T.: 0.000 min  
Response: 122699885  
Conc: 405.67 ng/ml



#30 AR-1254-5

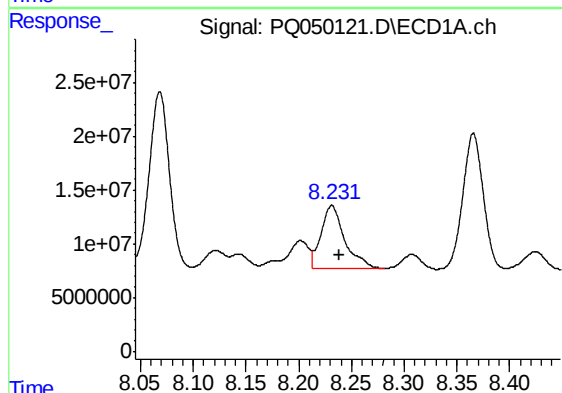
R.T.: 8.795 min  
Delta R.T.: 0.000 min  
Response: 193593559  
Conc: 518.04 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
AR1254329



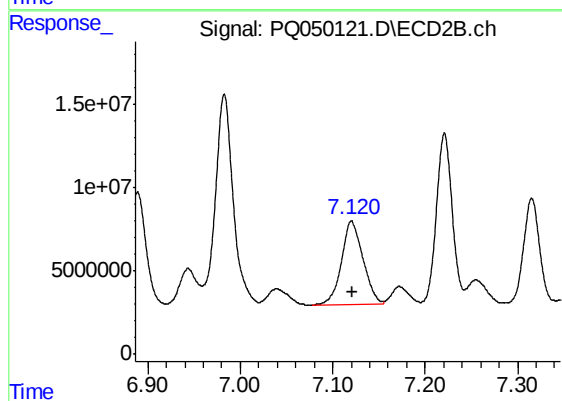
#30 AR-1254-5

R.T.: 7.651 min  
Delta R.T.: 0.000 min  
Response: 164107466  
Conc: 409.21 ng/ml



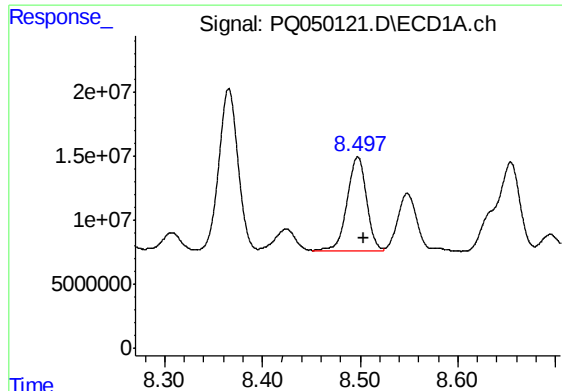
#31 AR-1260-1

R.T.: 8.231 min  
Delta R.T.: -0.007 min  
Response: 90746241  
Conc: 278.64 ng/ml



#31 AR-1260-1

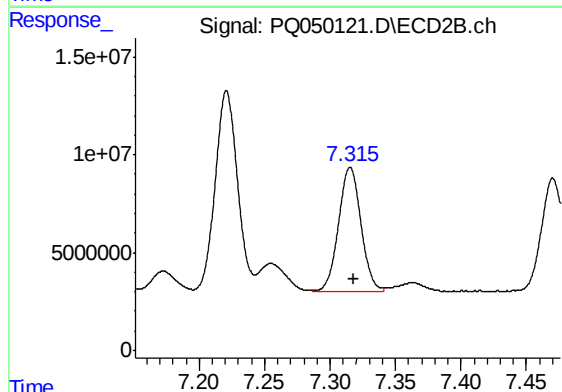
R.T.: 7.120 min  
Delta R.T.: -0.001 min  
Response: 81550605  
Conc: 332.79 ng/ml



#32 AR-1260-2

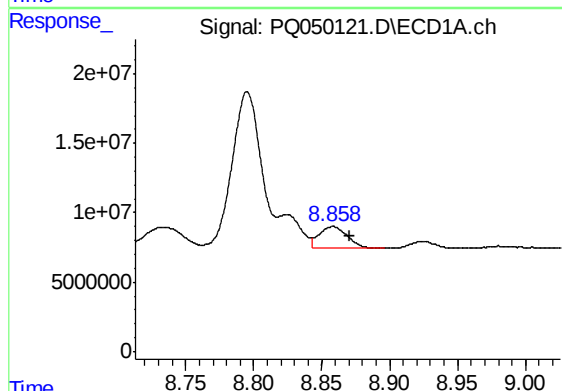
R.T.: 8.498 min  
Delta R.T.: -0.007 min  
Response: 101507040  
Conc: 262.27 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
AR1254329



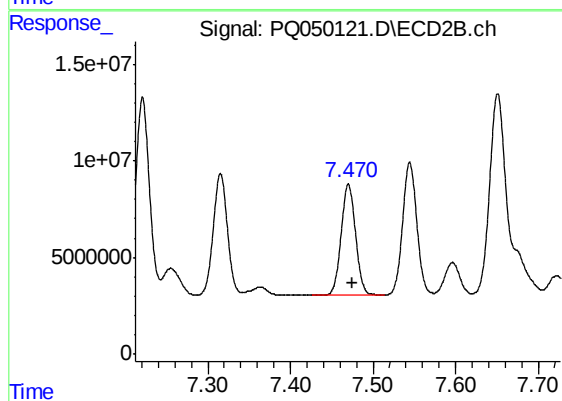
#32 AR-1260-2

R.T.: 7.315 min  
Delta R.T.: -0.002 min  
Response: 75983301  
Conc: 215.45 ng/ml



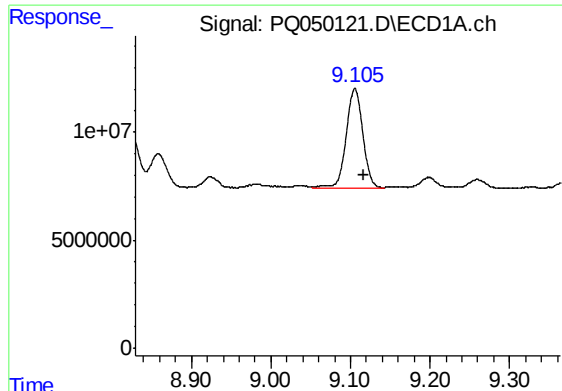
#33 AR-1260-3

R.T.: 8.858 min  
Delta R.T.: -0.013 min  
Response: 22156883  
Conc: 73.79 ng/ml



#33 AR-1260-3

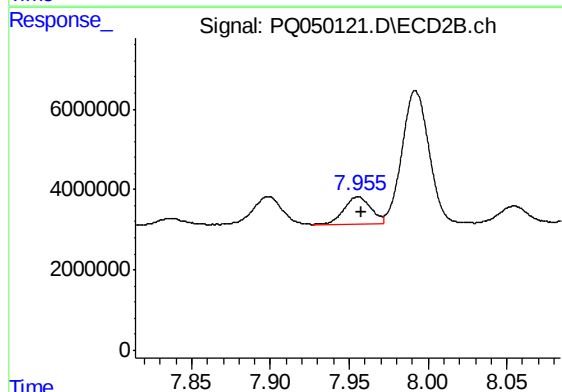
R.T.: 7.470 min  
Delta R.T.: -0.004 min  
Response: 69672501  
Conc: 231.22 ng/ml



#34 AR-1260-4

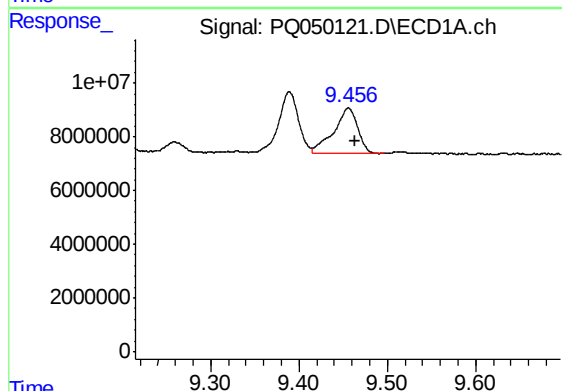
R.T.: 9.106 min  
Delta R.T.: -0.011 min  
Response: 67307434  
Conc: 208.78 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
AR1254329



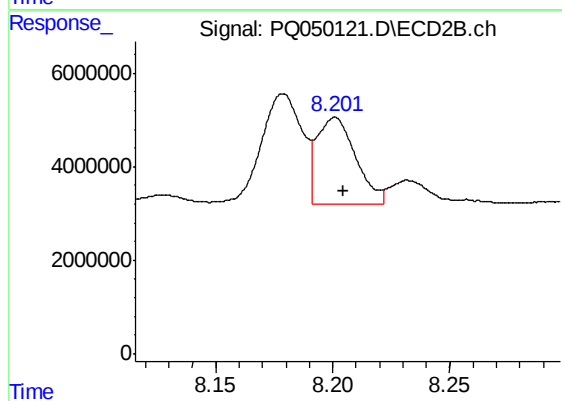
#34 AR-1260-4

R.T.: 7.956 min  
Delta R.T.: -0.003 min  
Response: 8337289  
Conc: 30.58 ng/ml



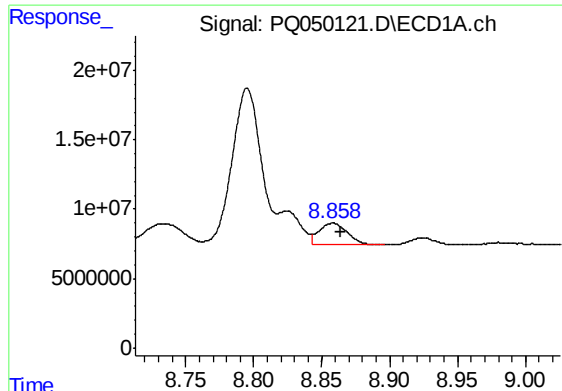
#35 AR-1260-5

R.T.: 9.456 min  
Delta R.T.: -0.008 min  
Response: 32070935  
Conc: 47.79 ng/ml



#35 AR-1260-5

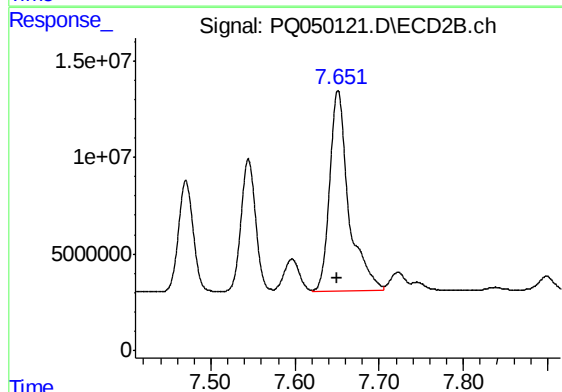
R.T.: 8.201 min  
Delta R.T.: -0.004 min  
Response: 21292152  
Conc: 27.62 ng/ml



#36 AR-1262-1

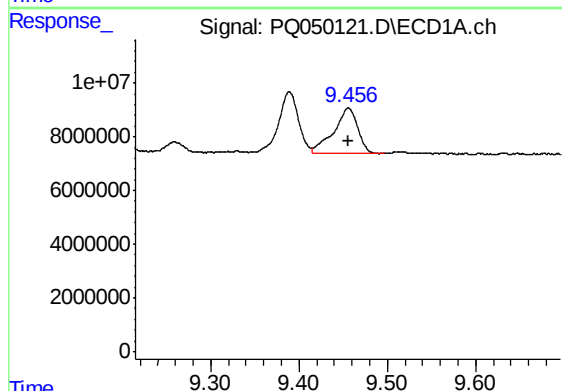
R.T.: 8.858 min  
Delta R.T.: -0.006 min  
Response: 22156883  
Conc: 50.80 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
AR1254329



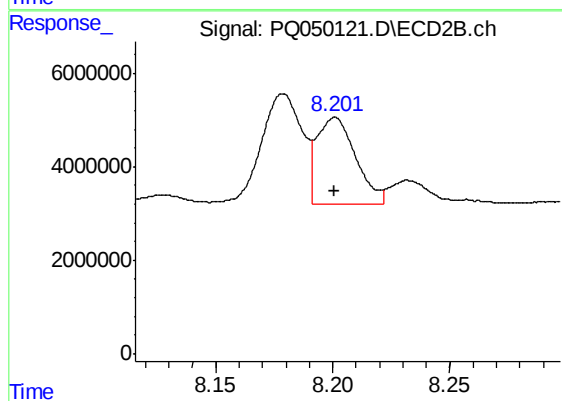
#36 AR-1262-1

R.T.: 7.651 min  
Delta R.T.: 0.001 min  
Response: 164107466  
Conc: 790.28 ng/ml



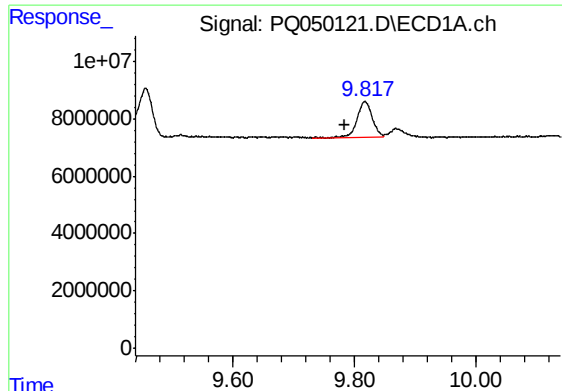
#37 AR-1262-2

R.T.: 9.456 min  
Delta R.T.: 0.000 min  
Response: 32070935  
Conc: 41.61 ng/ml



#37 AR-1262-2

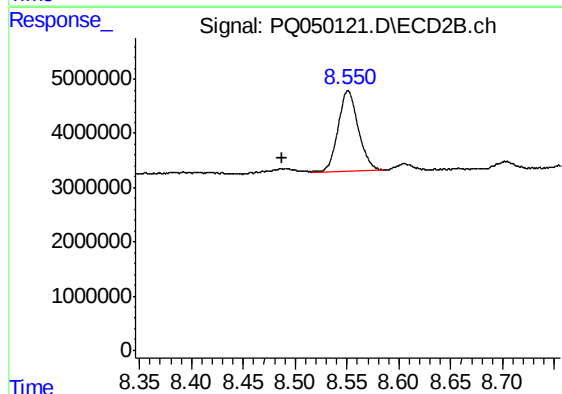
R.T.: 8.201 min  
Delta R.T.: 0.000 min  
Response: 21292152  
Conc: 24.00 ng/ml



#38 AR-1262-3

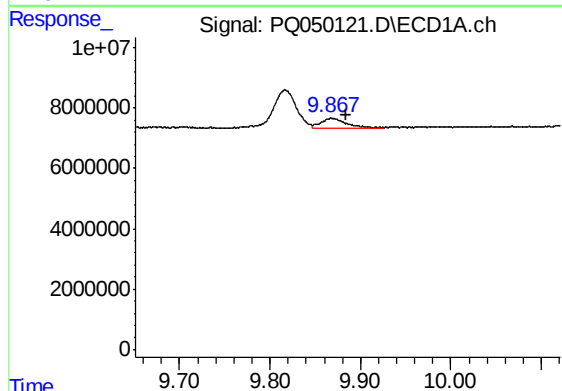
R.T.: 9.817 min  
Delta R.T.: 0.033 min  
Response: 21927952  
Conc: 59.92 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
AR1254329



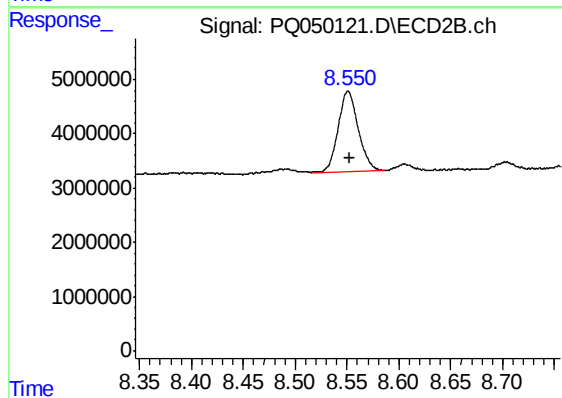
#38 AR-1262-3

R.T.: 8.551 min  
Delta R.T.: 0.063 min  
Response: 20043564  
Conc: 54.34 ng/ml



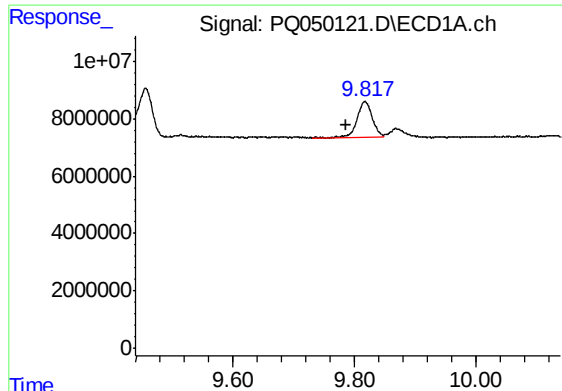
#39 AR-1262-4

R.T.: 9.868 min  
Delta R.T.: -0.016 min  
Response: 5779518  
Conc: 13.06 ng/ml



#39 AR-1262-4

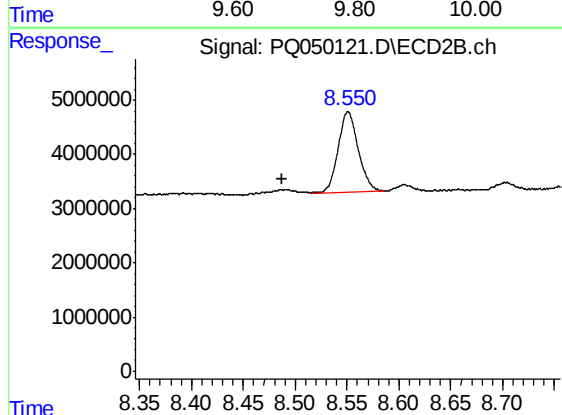
R.T.: 8.551 min  
Delta R.T.: -0.002 min  
Response: 20043564  
Conc: 31.39 ng/ml



#41 AR-1268-1

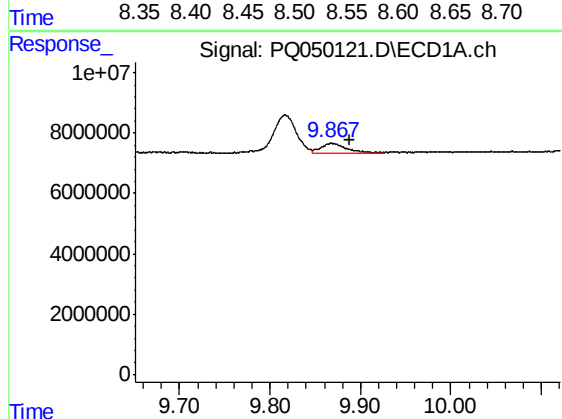
R.T.: 9.817 min  
Delta R.T.: 0.032 min  
Response: 21927952  
Conc: 22.81 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
AR1254329



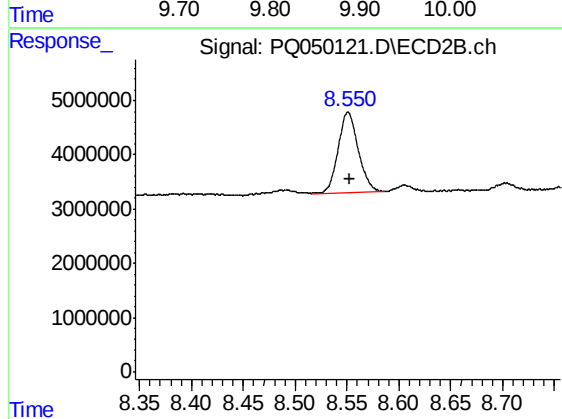
#41 AR-1268-1

R.T.: 8.551 min  
Delta R.T.: 0.063 min  
Response: 20043564  
Conc: 17.87 ng/ml



#42 AR-1268-2

R.T.: 9.868 min  
Delta R.T.: -0.021 min  
Response: 5779518  
Conc: 6.28 ng/ml



#42 AR-1268-2

R.T.: 8.551 min  
Delta R.T.: -0.002 min  
Response: 20043564  
Conc: 20.65 ng/ml