

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Data\PQ112618\  
 Data File : PQ034988.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 26 Nov 2018 19:07  
 Operator : SM\SJ  
 Sample : J6039-09  
 Misc :  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 ECD\_Q  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Nov 27 00:09:12 2018  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Method\PQ111718CLP.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Fri Nov 16 03:52:57 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... | 4.527  | 3.815 | 48154551 | 30033655 | 17.483  | 17.719    |
| 2)                          | SA Decachlor... | 10.308 | 8.836 | 37561094 | 38923329 | 13.634  | 19.970 #  |
| Target Compounds            |                 |        |       |          |          |         |           |
| 3)                          | L1 AR-1016-1    | 0.000  | 4.933 | 0        | 7731838  | N.D.    | 117.699 # |
| 4)                          | L1 AR-1016-2    | 0.000  | 4.933 | 0        | 7731838  | N.D.    | 82.952 #  |
| 5)                          | L1 AR-1016-3    | 5.844  | 0.000 | 1798109  | 0        | 21.769  | N.D. #    |
| 6)                          | L1 AR-1016-4    | 5.844  | 5.210 | 1798109  | 2536230  | 26.556  | 64.724 #  |
| 7)                          | L1 AR-1016-5    | 6.184  | 0.000 | 1815851  | 0        | 26.399  | N.D. #    |
| 12)                         | L3 AR-1232-2    | 0.000  | 4.933 | 0        | 7731838  | N.D.    | 199.546 # |
| 14)                         | L3 AR-1232-4    | 5.844  | 5.210 | 1798109  | 2536230  | 64.779  | 145.952 # |
| 16)                         | L4 AR-1242-1    | 0.000  | 4.933 | 0        | 7731838  | N.D.    | 148.770 # |
| 17)                         | L4 AR-1242-2    | 0.000  | 4.933 | 0        | 7731838  | N.D.    | 103.701 # |
| 18)                         | L4 AR-1242-3    | 5.844  | 0.000 | 1798109  | 0        | 27.010  | N.D. #    |
| 19)                         | L4 AR-1242-4    | 5.844  | 5.210 | 1798109  | 2536230  | 32.829  | 65.682 #  |
| 20)                         | L4 AR-1242-5    | 6.589  | 5.702 | 15291806 | 2490725  | 247.127 | 50.117 #  |
| 21)                         | L5 AR-1248-1    | 0.000  | 4.933 | 0        | 7731838  | N.D.    | 191.559 # |
| 22)                         | L5 AR-1248-2    | 0.000  | 5.210 | 0        | 2536230  | N.D.    | 46.004 #  |
| 23)                         | L5 AR-1248-3    | 6.184  | 5.210 | 1815851  | 2536230  | 18.815  | 45.034 #  |
| 24)                         | L5 AR-1248-4    | 6.589  | 0.000 | 15291806 | 0        | 139.418 | N.D. #    |
| 25)                         | L5 AR-1248-5    | 6.589  | 5.702 | 15291806 | 2490725  | 146.697 | 34.900 #  |
| 26)                         | L6 AR-1254-1    | 6.589  | 5.702 | 15291806 | 2490725  | 136.687 | 22.787 #  |
| 27)                         | L6 AR-1254-2    | 6.773  | 5.849 | 5857481  | 1114155  | 33.108  | 11.656 #  |
| 28)                         | L6 AR-1254-3    | 7.149  | 6.266 | 11395796 | 9968912  | 58.801  | 61.654    |
| 29)                         | L6 AR-1254-4    | 7.422  | 6.522 | 2208921  | 16792835 | 15.562  | 162.249 # |
| 30)                         | L6 AR-1254-5    | 7.865  | 6.892 | 64249786 | 51892756 | 426.848 | 365.744   |
| 31)                         | L7 AR-1260-1    | 7.300  | 6.379 | 6262677  | 4254976  | 45.115  | 39.685    |
| 32)                         | L7 AR-1260-2    | 7.554  | 6.566 | 53281711 | 5435491  | 311.655 | 40.473 #  |
| 33)                         | L7 AR-1260-3    | 7.915  | 6.719 | 5028421  | 4490420  | 47.182  | 36.577    |
| 34)                         | L7 AR-1260-4    | 8.144  | 7.188 | 6322572  | 3234149  | 47.737  | 37.497    |
| 35)                         | L7 AR-1260-5    | 8.471  | 7.430 | 8972173  | 8418819  | 33.068  | 38.299    |
| 36)                         | L8 AR-1262-1    | 7.915  | 6.928 | 5028421  | 5773507  | 26.572  | 38.802 #  |
| 37)                         | L8 AR-1262-2    | 8.471  | 7.430 | 8972173  | 8418819  | 25.540  | 30.577    |
| 38)                         | L8 AR-1262-3    | 8.808  | 7.709 | 7037615  | 2722666  | 30.628  | 25.178    |
| 39)                         | L8 AR-1262-4    | 8.880  | 0.000 | 4289409  | 0        | 25.166  | N.D. #    |
| 40)                         | L8 AR-1262-5    | 9.548  | 8.279 | 2894891  | 1529862  | 23.738  | 16.801 #  |
| 41)                         | L9 AR-1268-1    | 8.808  | 7.709 | 7037615  | 2722666  | 16.332  | 8.175 #   |
| 42)                         | L9 AR-1268-2    | 8.880  | 0.000 | 4289409  | 0        | 11.050  | N.D. #    |
| 44)                         | L9 AR-1268-4    | 9.548  | 8.279 | 2894891  | 1529862  | 20.960  | 14.384 #  |
| 45)                         | L9 AR-1268-5    | 0.000  | 8.569 | 0        | 3668269  | N.D.    | 4.611 #   |
| -----                       |                 |        |       |          |          |         |           |

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

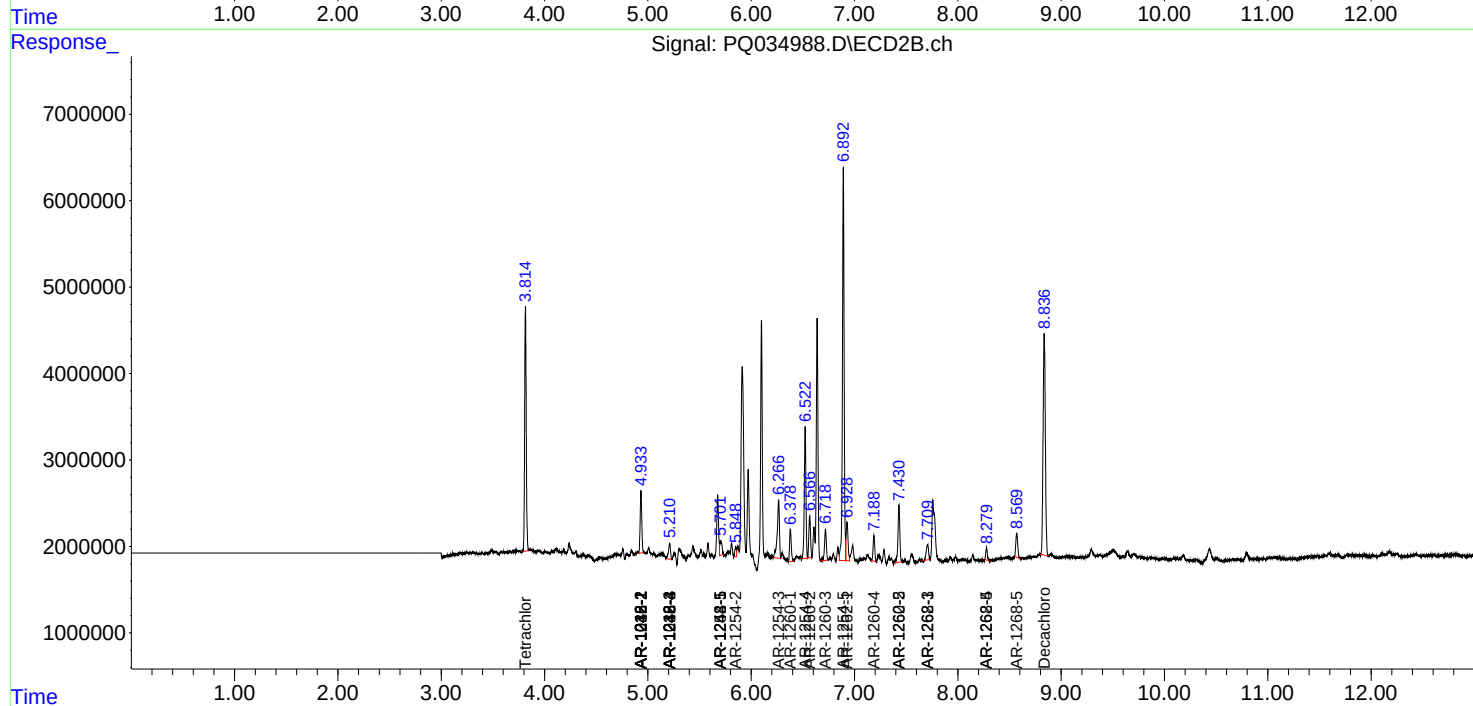
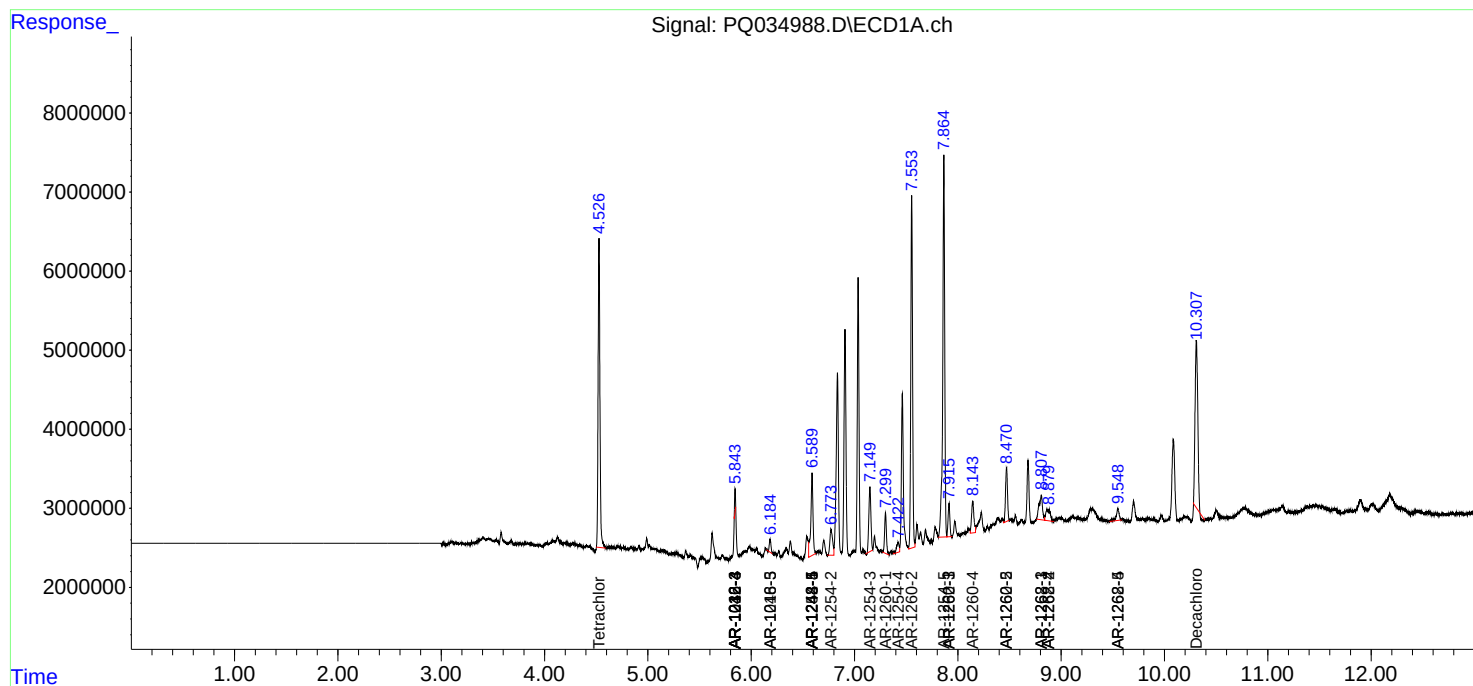
Instrument :  
ECD\_Q  
ClientSampleId :

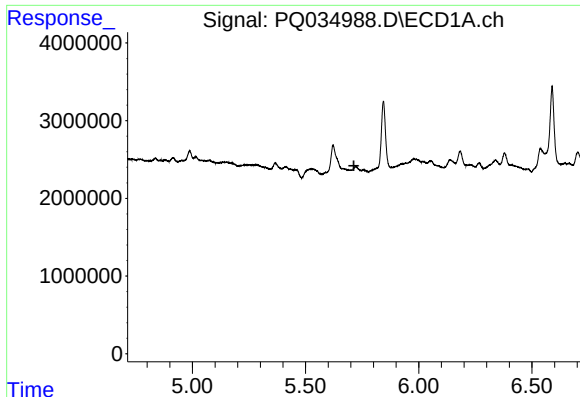
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Data\PQ112618\  
Data File : PQ034988.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 26 Nov 2018 19:07  
Operator : SM\SJ  
Sample : J6039-09  
Misc :  
ALS Vial : 18 Sample Multiplier: 1

Instrument :  
ECD\_Q  
ClientSampled :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Nov 27 00:09:12 2018  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Method\PQ111718CLP.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Fri Nov 16 03:52:57 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

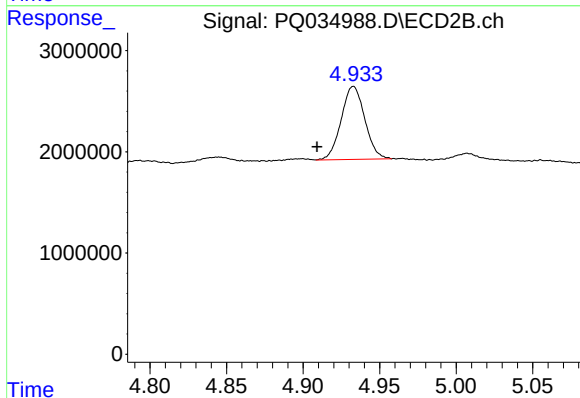




#3 AR-1016-1

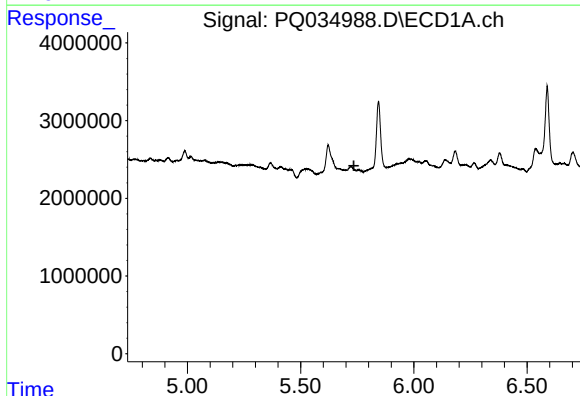
R.T.: 0.000 min  
Exp R.T.: 5.713 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :



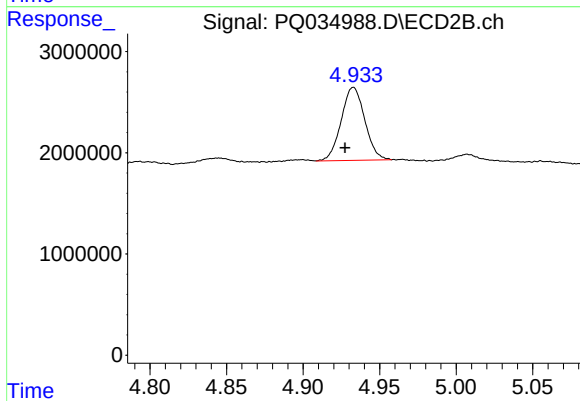
#3 AR-1016-1

R.T.: 4.933 min  
Delta R.T.: 0.024 min  
Response: 7731838  
Conc: 117.70 ng/ml



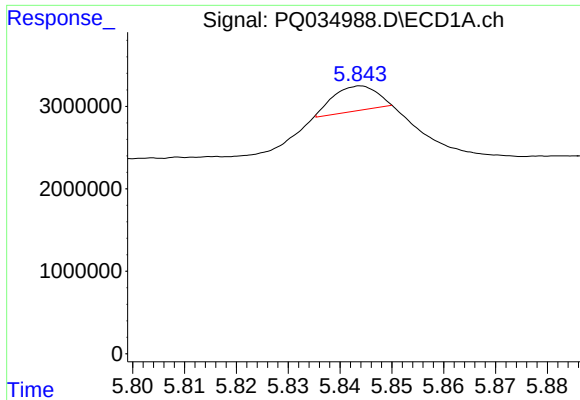
#4 AR-1016-2

R.T.: 0.000 min  
Exp R.T.: 5.735 min  
Response: 0  
Conc: N.D.



#4 AR-1016-2

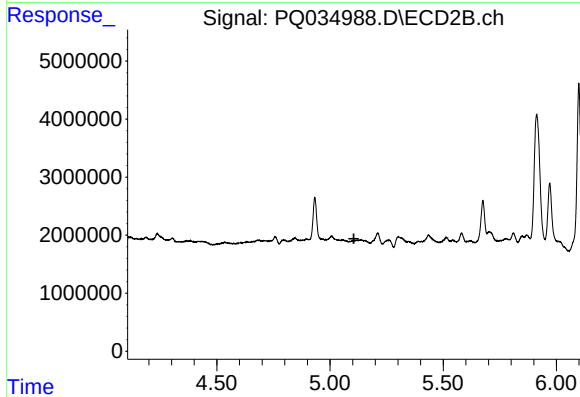
R.T.: 4.933 min  
Delta R.T.: 0.006 min  
Response: 7731838  
Conc: 82.95 ng/ml



#5 AR-1016-3

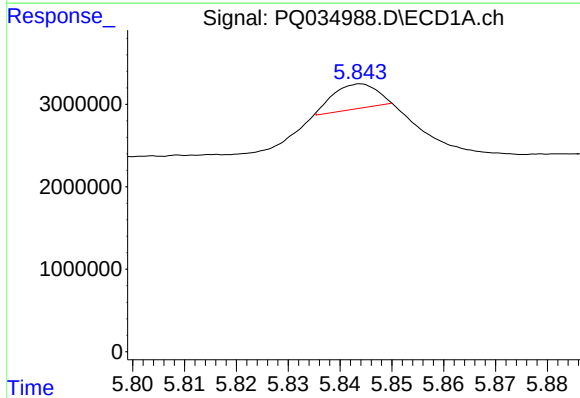
R.T.: 5.844 min  
Delta R.T.: 0.046 min  
Response: 1798109  
Conc: 21.77 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



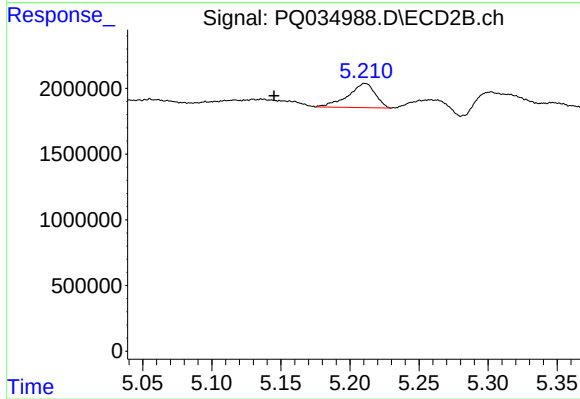
#5 AR-1016-3

R.T.: 0.000 min  
Exp R.T. : 5.105 min  
Response: 0  
Conc: N.D.



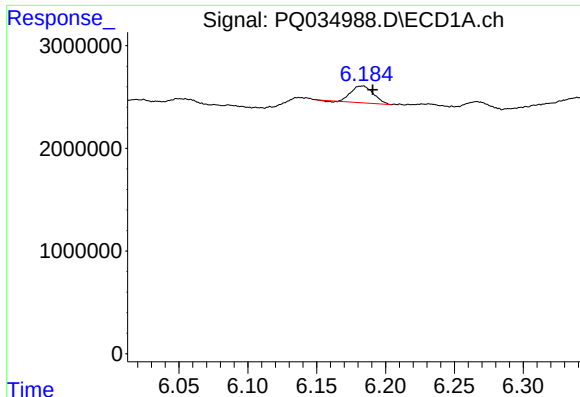
#6 AR-1016-4

R.T.: 5.844 min  
Delta R.T.: -0.054 min  
Response: 1798109  
Conc: 26.56 ng/ml



#6 AR-1016-4

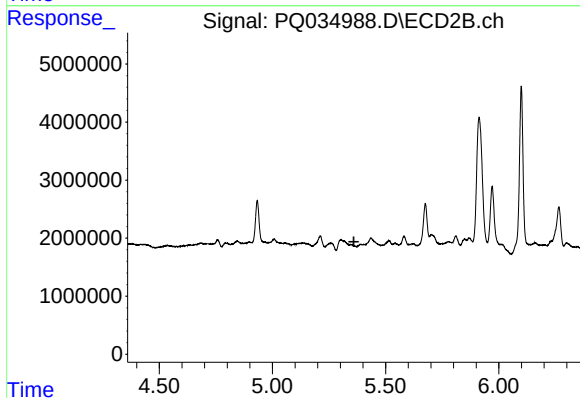
R.T.: 5.210 min  
Delta R.T.: 0.065 min  
Response: 2536230  
Conc: 64.72 ng/ml



#7 AR-1016-5

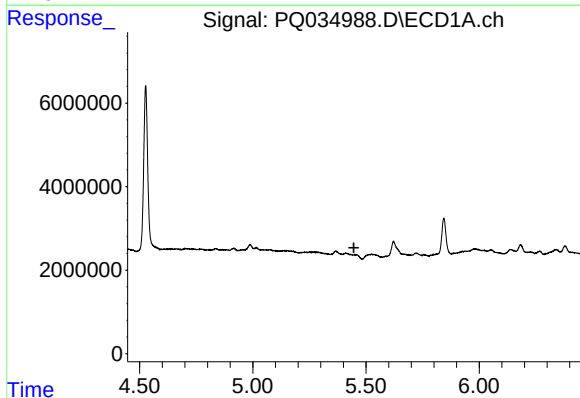
R.T.: 6.184 min  
Delta R.T.: -0.006 min  
Response: 1815851  
Conc: 26.40 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



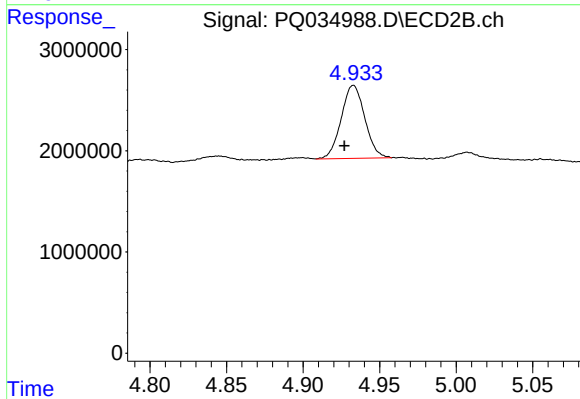
#7 AR-1016-5

R.T.: 0.000 min  
Exp R.T. : 5.360 min  
Response: 0  
Conc: N.D.



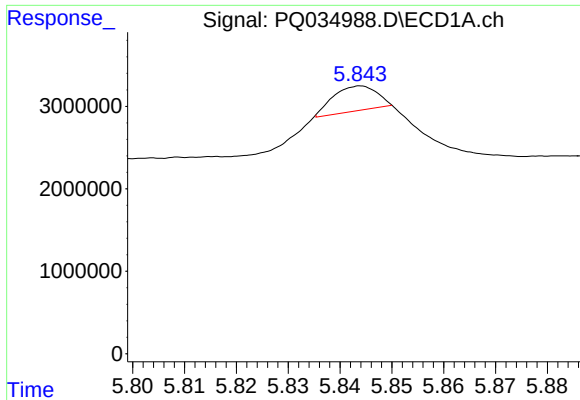
#12 AR-1232-2

R.T.: 0.000 min  
Exp R.T. : 5.446 min  
Response: 0  
Conc: N.D.



#12 AR-1232-2

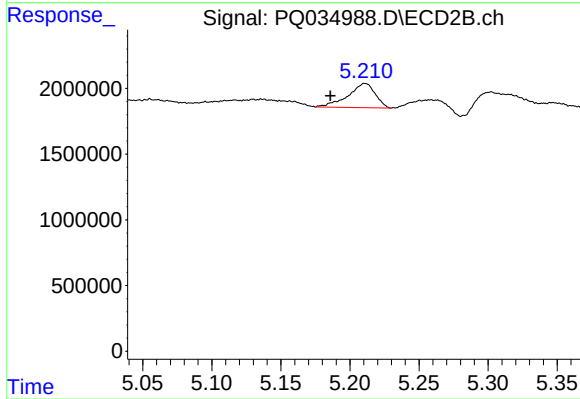
R.T.: 4.933 min  
Delta R.T.: 0.006 min  
Response: 7731838  
Conc: 199.55 ng/ml



#14 AR-1232-4

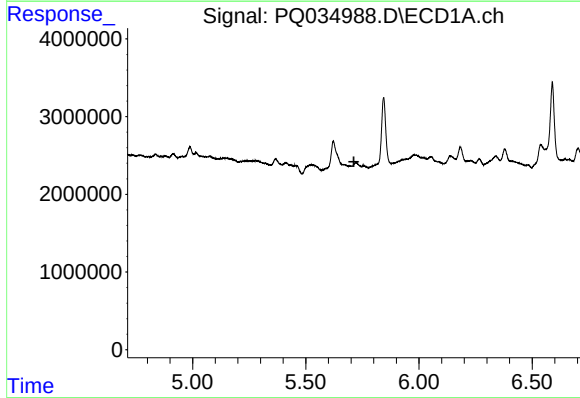
R.T.: 5.844 min  
Delta R.T.: -0.054 min  
Response: 1798109  
Conc: 64.78 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



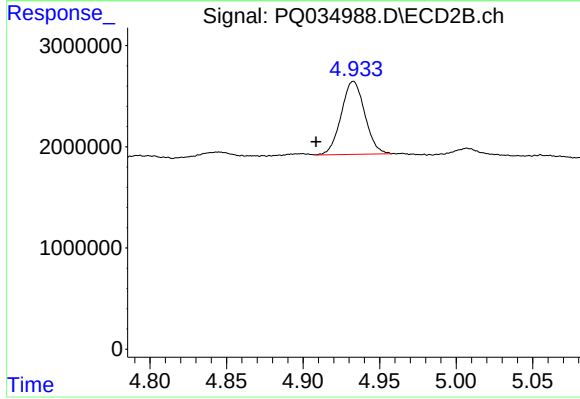
#14 AR-1232-4

R.T.: 5.210 min  
Delta R.T.: 0.025 min  
Response: 2536230  
Conc: 145.95 ng/ml



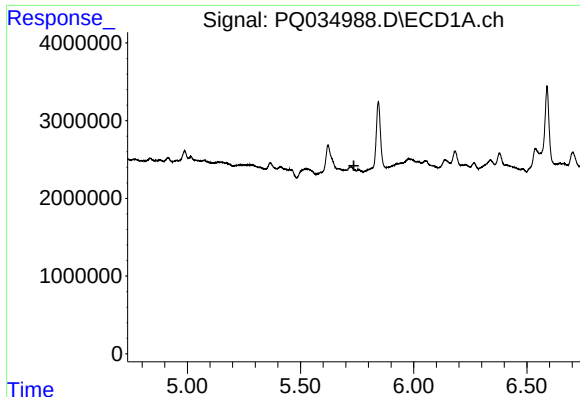
#16 AR-1242-1

R.T.: 0.000 min  
Exp R.T. : 5.712 min  
Response: 0  
Conc: N.D.



#16 AR-1242-1

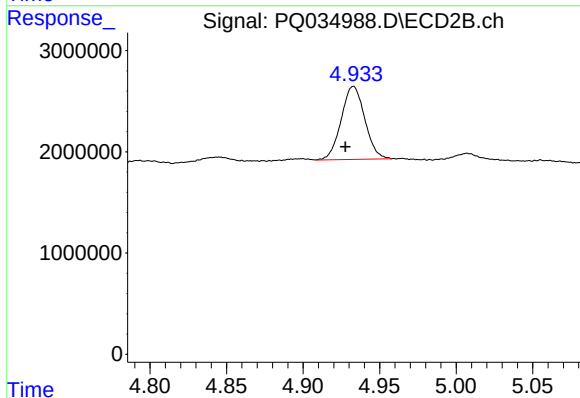
R.T.: 4.933 min  
Delta R.T.: 0.025 min  
Response: 7731838  
Conc: 148.77 ng/ml



#17 AR-1242-2

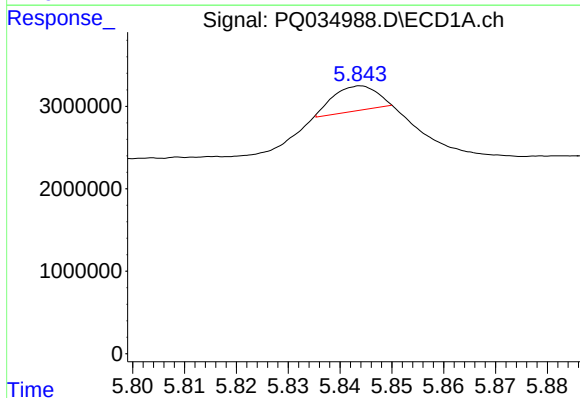
R.T.: 0.000 min  
Exp R.T.: 5.736 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :



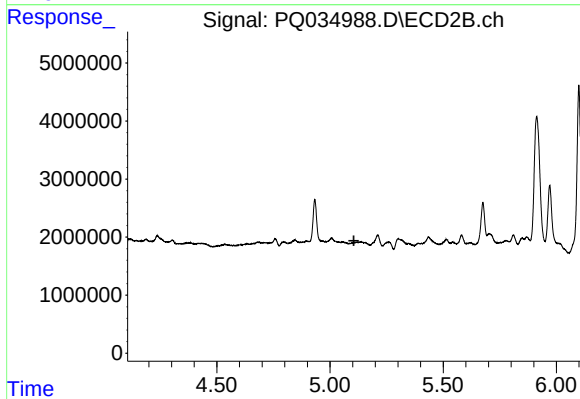
#17 AR-1242-2

R.T.: 4.933 min  
Delta R.T.: 0.005 min  
Response: 7731838  
Conc: 103.70 ng/ml



#18 AR-1242-3

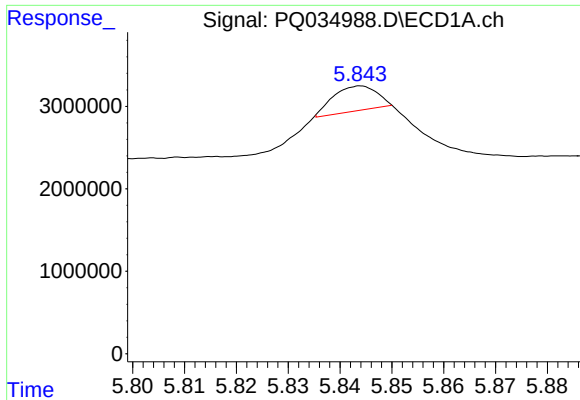
R.T.: 5.844 min  
Delta R.T.: 0.047 min  
Response: 1798109  
Conc: 27.01 ng/ml



#18 AR-1242-3

R.T.: 0.000 min  
Exp R.T.: 5.105 min  
Response: 0  
Conc: N.D.

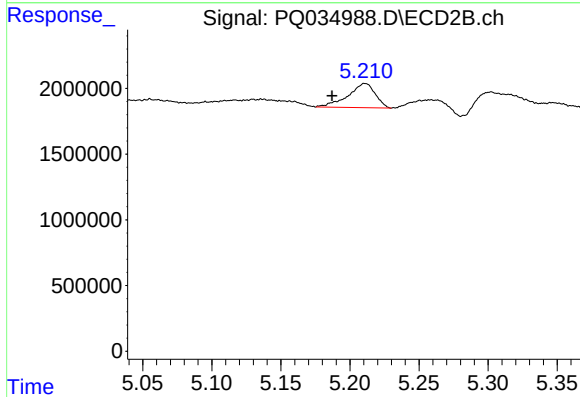




#19 AR-1242-4

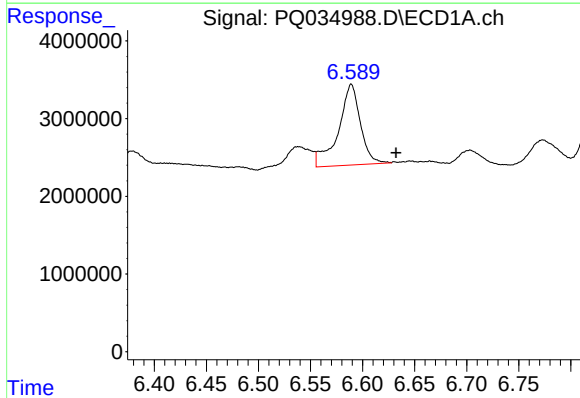
R.T.: 5.844 min  
Delta R.T.: -0.053 min  
Response: 1798109  
Conc: 32.83 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



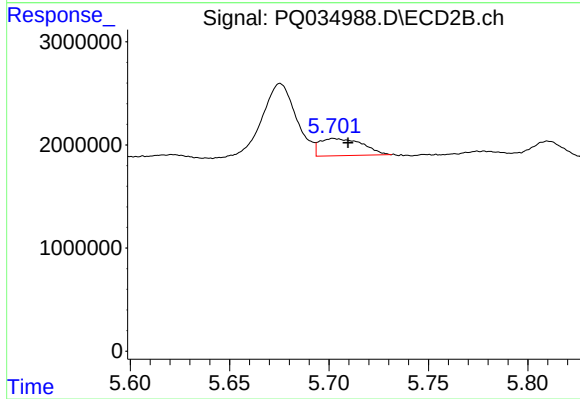
#19 AR-1242-4

R.T.: 5.210 min  
Delta R.T.: 0.023 min  
Response: 2536230  
Conc: 65.68 ng/ml



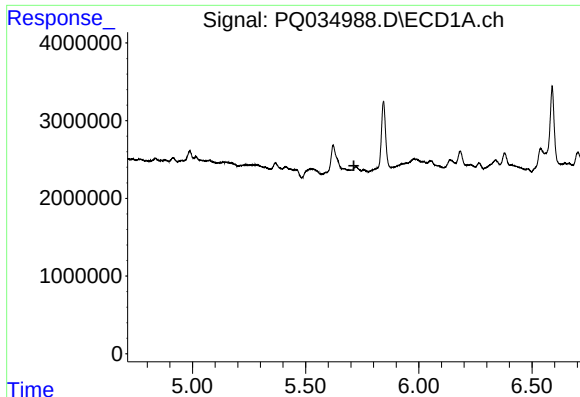
#20 AR-1242-5

R.T.: 6.589 min  
Delta R.T.: -0.043 min  
Response: 15291806  
Conc: 247.13 ng/ml



#20 AR-1242-5

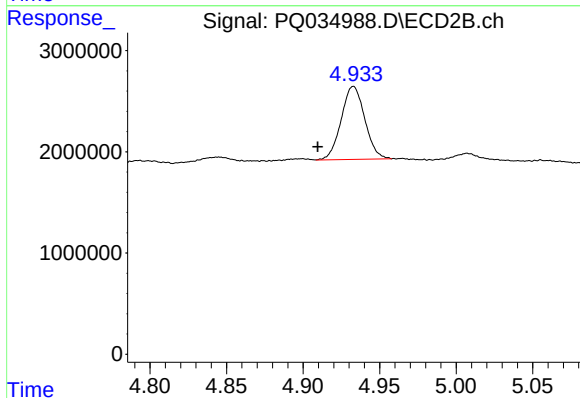
R.T.: 5.702 min  
Delta R.T.: -0.007 min  
Response: 2490725  
Conc: 50.12 ng/ml



#21 AR-1248-1

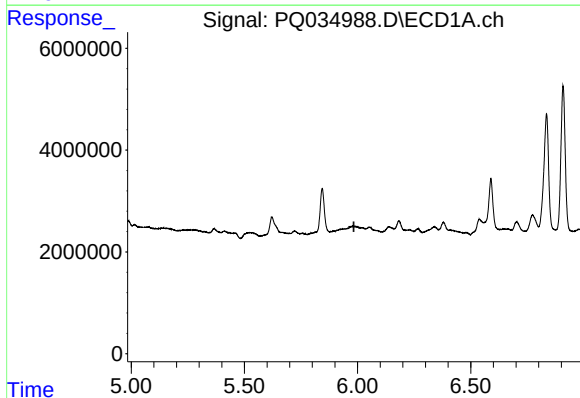
R.T.: 0.000 min  
Exp R.T.: 5.713 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :



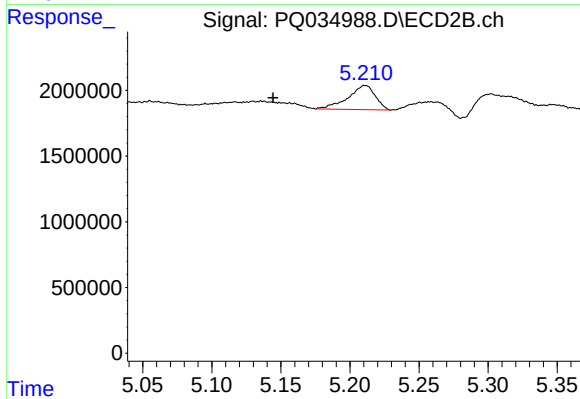
#21 AR-1248-1

R.T.: 4.933 min  
Delta R.T.: 0.023 min  
Response: 7731838  
Conc: 191.56 ng/ml



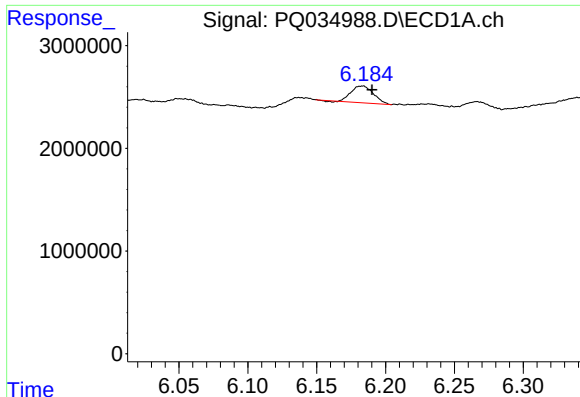
#22 AR-1248-2

R.T.: 0.000 min  
Exp R.T.: 5.984 min  
Response: 0  
Conc: N.D.



#22 AR-1248-2

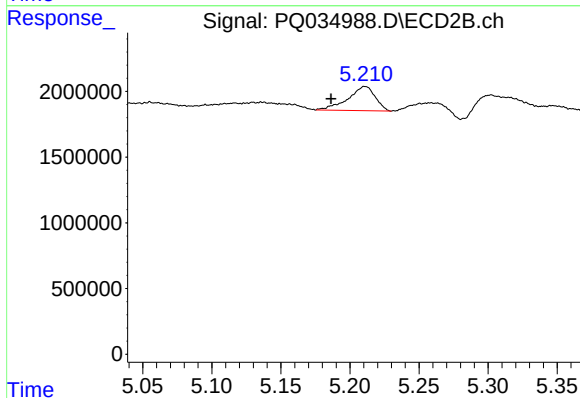
R.T.: 5.210 min  
Delta R.T.: 0.066 min  
Response: 2536230  
Conc: 46.00 ng/ml



#23 AR-1248-3

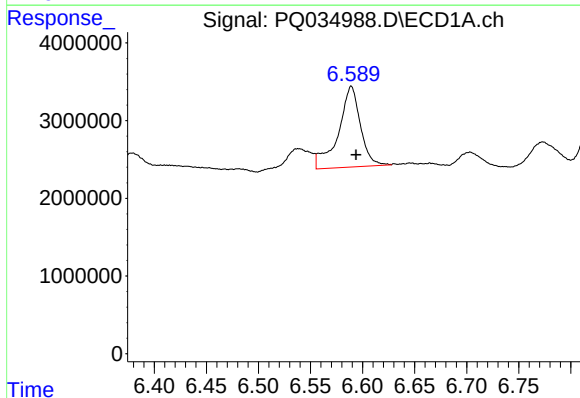
R.T.: 6.184 min  
Delta R.T.: -0.006 min  
Response: 1815851  
Conc: 18.82 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



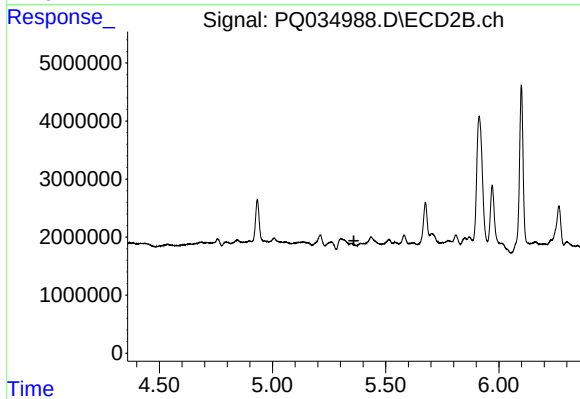
#23 AR-1248-3

R.T.: 5.210 min  
Delta R.T.: 0.024 min  
Response: 2536230  
Conc: 45.03 ng/ml



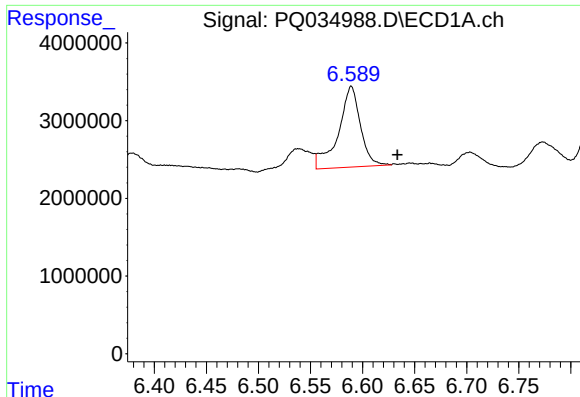
#24 AR-1248-4

R.T.: 6.589 min  
Delta R.T.: -0.005 min  
Response: 15291806  
Conc: 139.42 ng/ml



#24 AR-1248-4

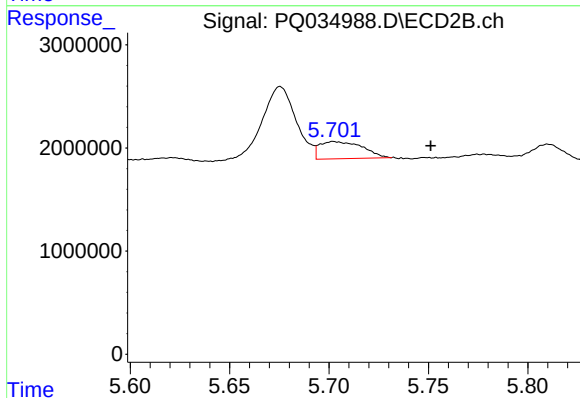
R.T.: 0.000 min  
Exp R.T.: 5.360 min  
Response: 0  
Conc: N.D.



#25 AR-1248-5

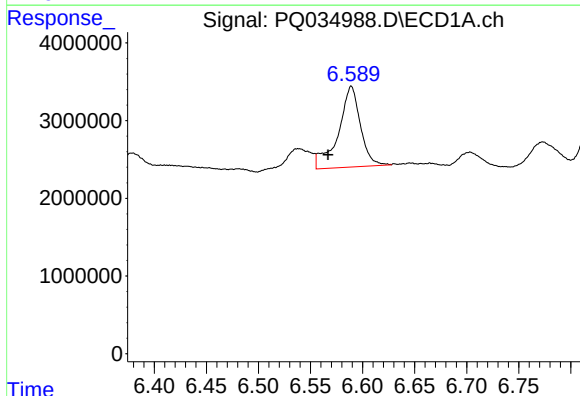
R.T.: 6.589 min  
Delta R.T.: -0.044 min  
Response: 15291806  
Conc: 146.70 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



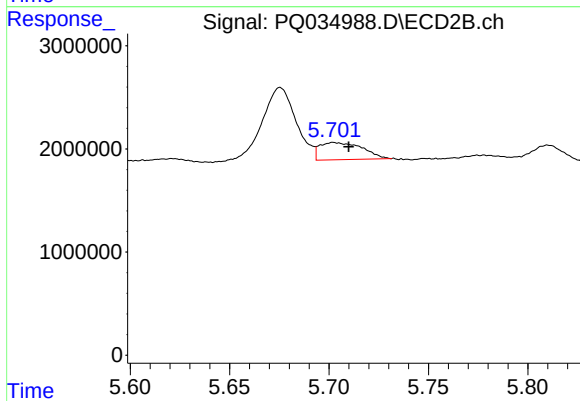
#25 AR-1248-5

R.T.: 5.702 min  
Delta R.T.: -0.049 min  
Response: 2490725  
Conc: 34.90 ng/ml



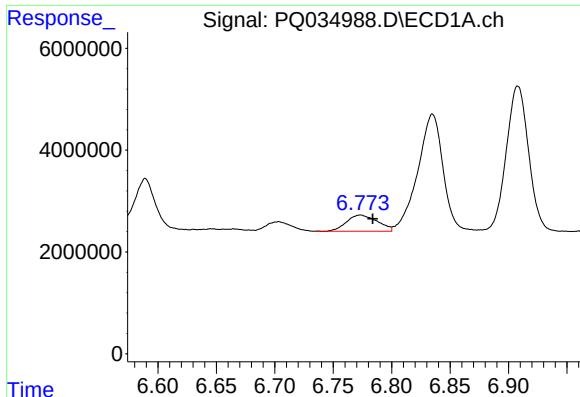
#26 AR-1254-1

R.T.: 6.589 min  
Delta R.T.: 0.022 min  
Response: 15291806  
Conc: 136.69 ng/ml



#26 AR-1254-1

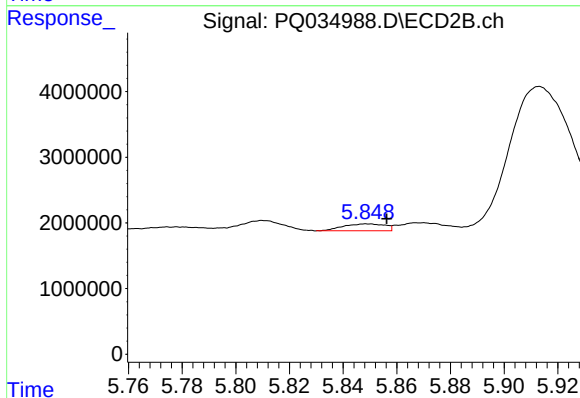
R.T.: 5.702 min  
Delta R.T.: -0.008 min  
Response: 2490725  
Conc: 22.79 ng/ml



#27 AR-1254-2

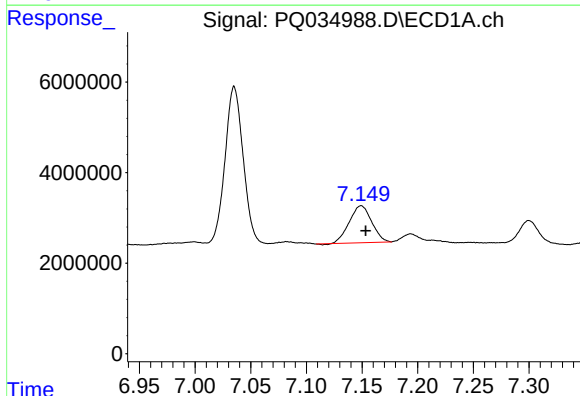
R.T.: 6.773 min  
Delta R.T.: -0.011 min  
Response: 5857481  
Conc: 33.11 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



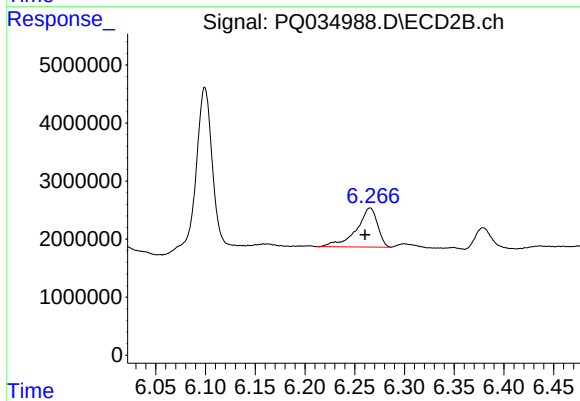
#27 AR-1254-2

R.T.: 5.849 min  
Delta R.T.: -0.008 min  
Response: 1114155  
Conc: 11.66 ng/ml



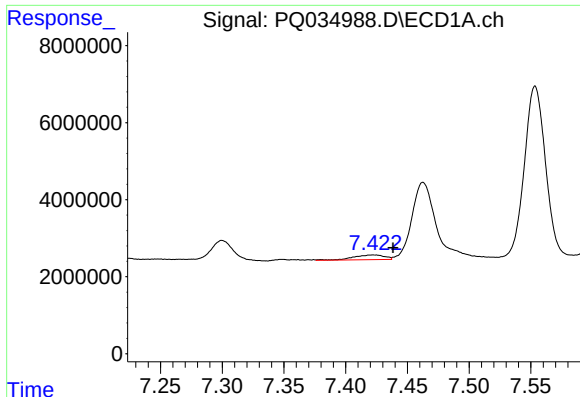
#28 AR-1254-3

R.T.: 7.149 min  
Delta R.T.: -0.004 min  
Response: 11395796  
Conc: 58.80 ng/ml



#28 AR-1254-3

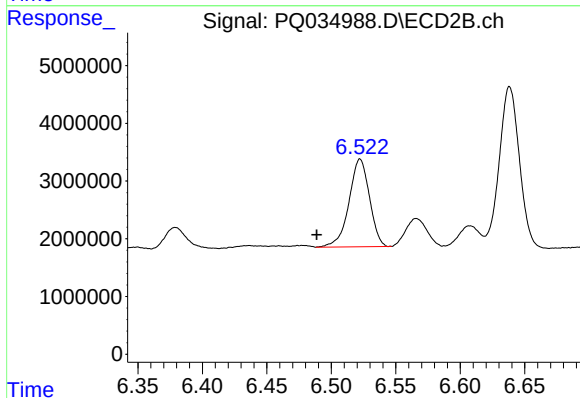
R.T.: 6.266 min  
Delta R.T.: 0.005 min  
Response: 9968912  
Conc: 61.65 ng/ml



#29 AR-1254-4

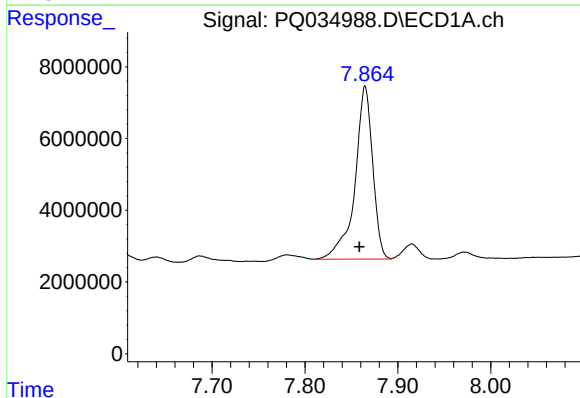
R.T.: 7.422 min  
Delta R.T.: -0.016 min  
Response: 2208921  
Conc: 15.56 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



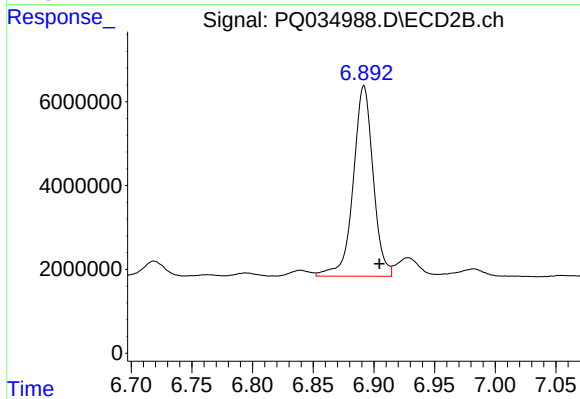
#29 AR-1254-4

R.T.: 6.522 min  
Delta R.T.: 0.034 min  
Response: 16792835  
Conc: 162.25 ng/ml



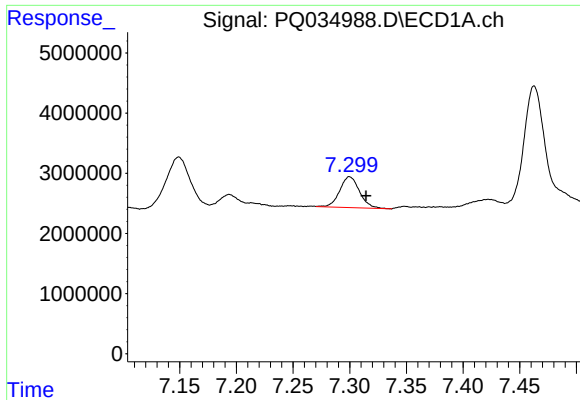
#30 AR-1254-5

R.T.: 7.865 min  
Delta R.T.: 0.006 min  
Response: 64249786  
Conc: 426.85 ng/ml



#30 AR-1254-5

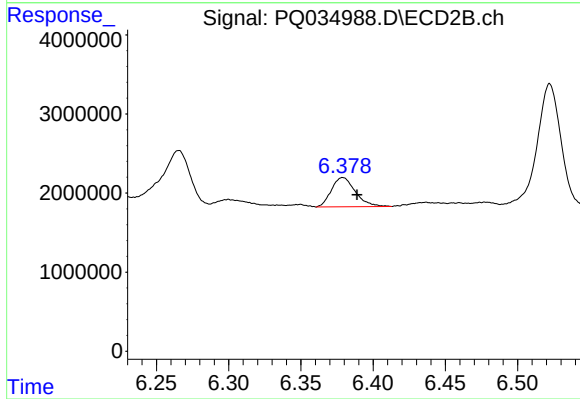
R.T.: 6.892 min  
Delta R.T.: -0.013 min  
Response: 51892756  
Conc: 365.74 ng/ml



#31 AR-1260-1

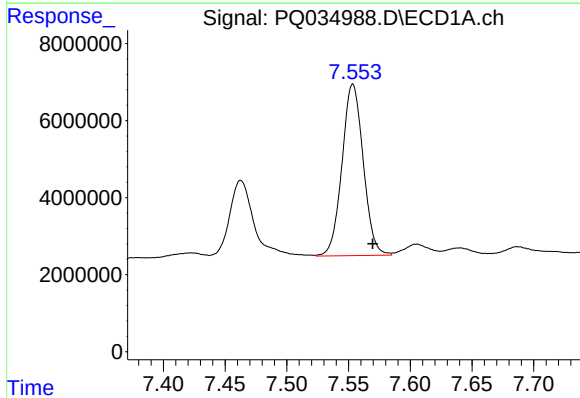
R.T.: 7.300 min  
Delta R.T.: -0.015 min  
Response: 6262677  
Conc: 45.12 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



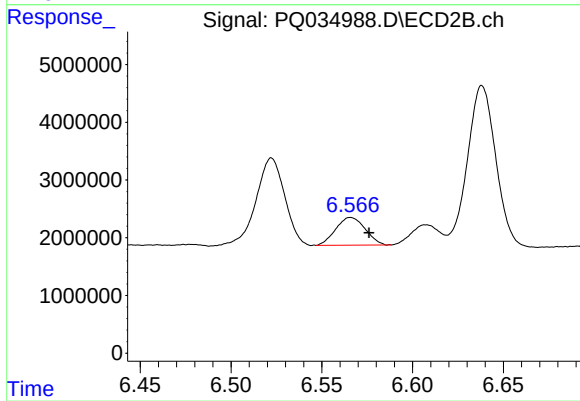
#31 AR-1260-1

R.T.: 6.379 min  
Delta R.T.: -0.010 min  
Response: 4254976  
Conc: 39.69 ng/ml



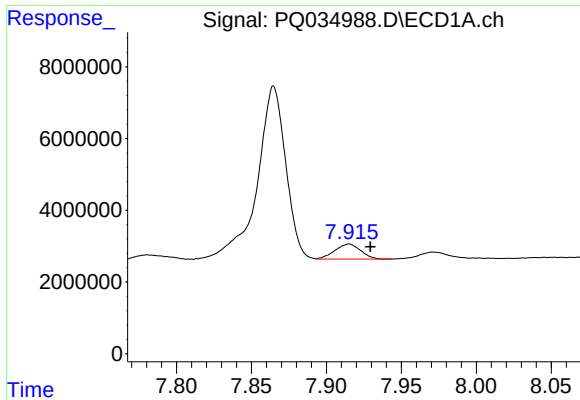
#32 AR-1260-2

R.T.: 7.554 min  
Delta R.T.: -0.016 min  
Response: 53281711  
Conc: 311.66 ng/ml



#32 AR-1260-2

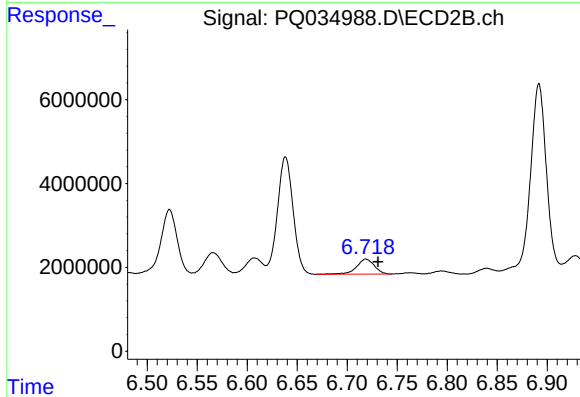
R.T.: 6.566 min  
Delta R.T.: -0.010 min  
Response: 5435491  
Conc: 40.47 ng/ml



#33 AR-1260-3

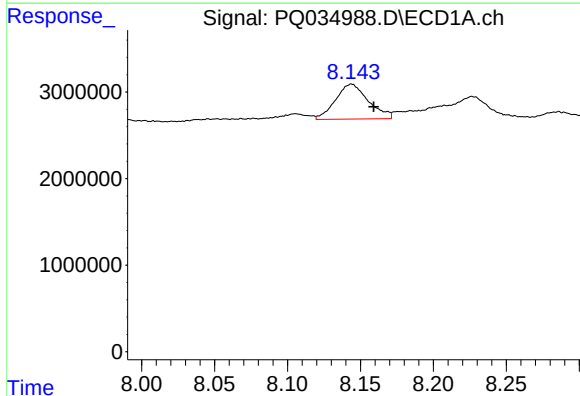
R.T.: 7.915 min  
Delta R.T.: -0.014 min  
Response: 5028421  
Conc: 47.18 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



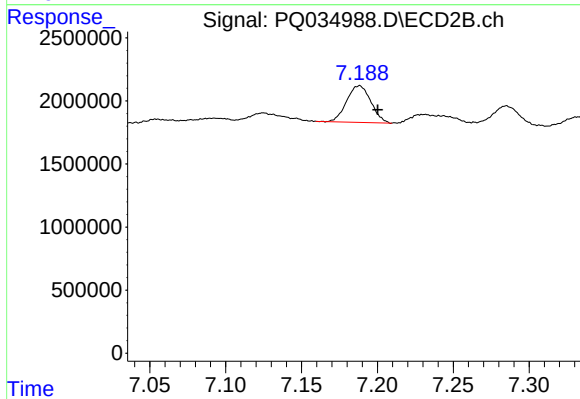
#33 AR-1260-3

R.T.: 6.719 min  
Delta R.T.: -0.012 min  
Response: 4490420  
Conc: 36.58 ng/ml



#34 AR-1260-4

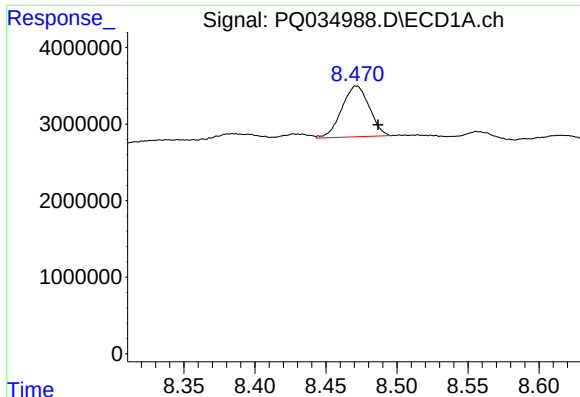
R.T.: 8.144 min  
Delta R.T.: -0.015 min  
Response: 6322572  
Conc: 47.74 ng/ml



#34 AR-1260-4

R.T.: 7.188 min  
Delta R.T.: -0.012 min  
Response: 3234149  
Conc: 37.50 ng/ml

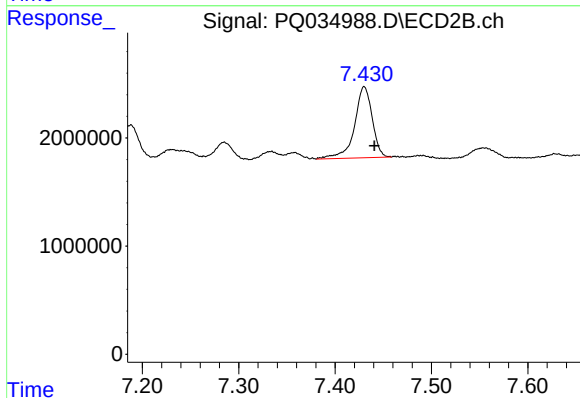




#35 AR-1260-5

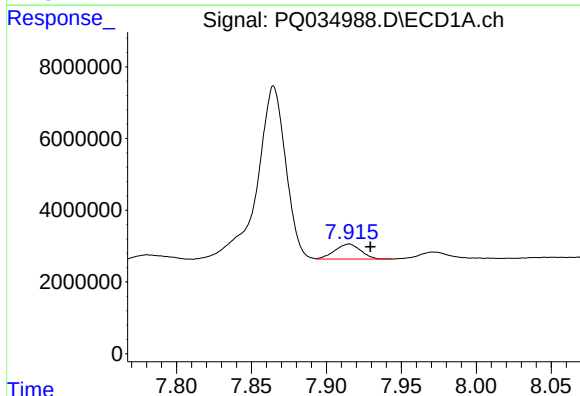
R.T.: 8.471 min  
Delta R.T.: -0.016 min  
Response: 8972173  
Conc: 33.07 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



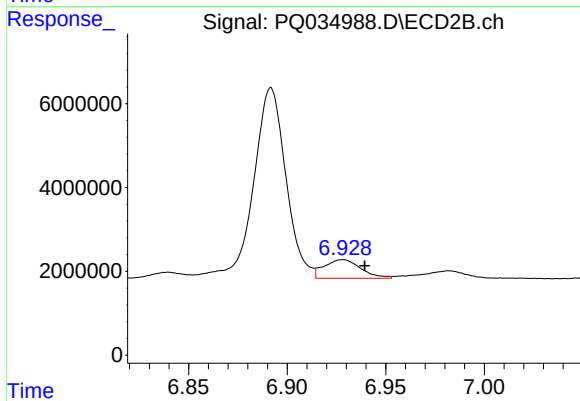
#35 AR-1260-5

R.T.: 7.430 min  
Delta R.T.: -0.011 min  
Response: 8418819  
Conc: 38.30 ng/ml



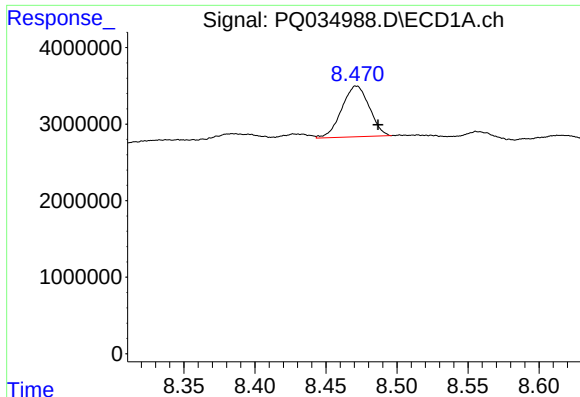
#36 AR-1262-1

R.T.: 7.915 min  
Delta R.T.: -0.014 min  
Response: 5028421  
Conc: 26.57 ng/ml



#36 AR-1262-1

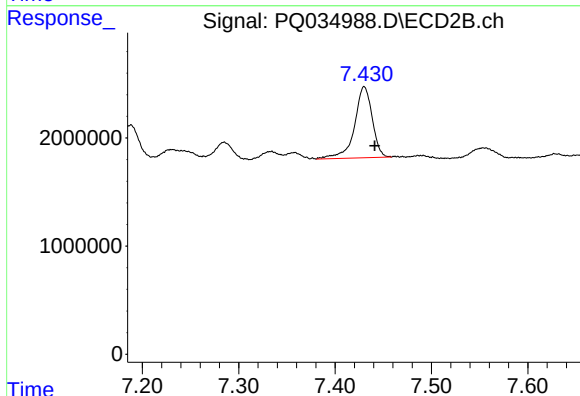
R.T.: 6.928 min  
Delta R.T.: -0.011 min  
Response: 5773507  
Conc: 38.80 ng/ml



#37 AR-1262-2

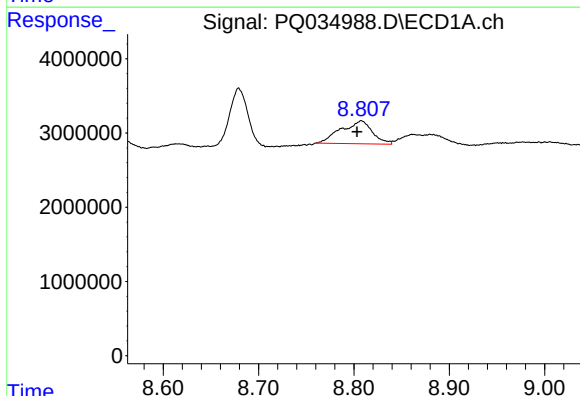
R.T.: 8.471 min  
Delta R.T.: -0.015 min  
Response: 8972173  
Conc: 25.54 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



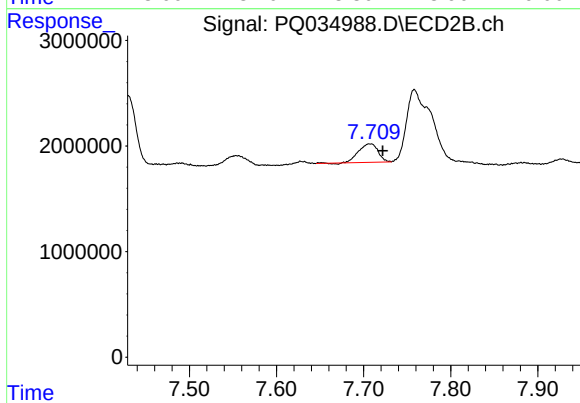
#37 AR-1262-2

R.T.: 7.430 min  
Delta R.T.: -0.011 min  
Response: 8418819  
Conc: 30.58 ng/ml



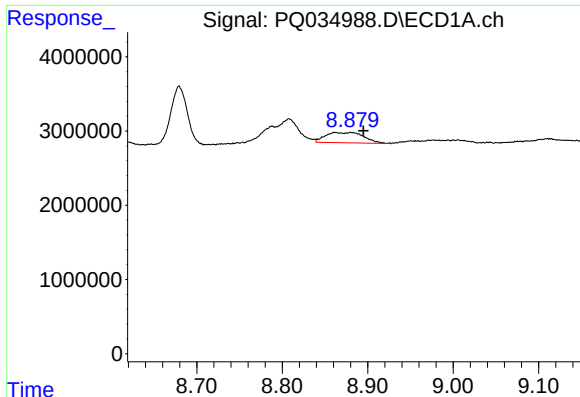
#38 AR-1262-3

R.T.: 8.808 min  
Delta R.T.: 0.005 min  
Response: 7037615  
Conc: 30.63 ng/ml



#38 AR-1262-3

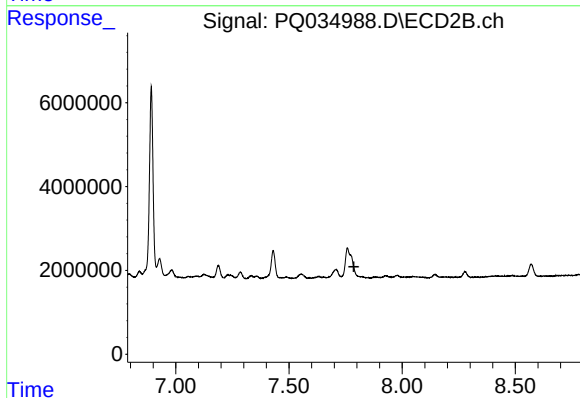
R.T.: 7.709 min  
Delta R.T.: -0.013 min  
Response: 2722666  
Conc: 25.18 ng/ml



#39 AR-1262-4

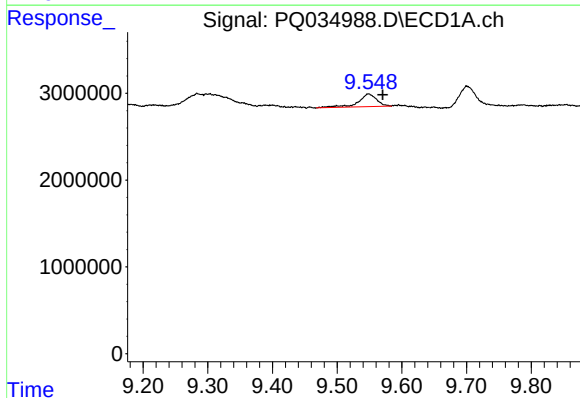
R.T.: 8.880 min  
Delta R.T.: -0.015 min  
Response: 4289409  
Conc: 25.17 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



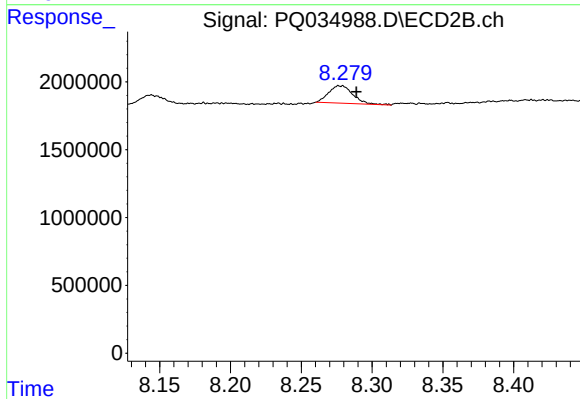
#39 AR-1262-4

R.T.: 0.000 min  
Exp R.T. : 7.787 min  
Response: 0  
Conc: N.D.



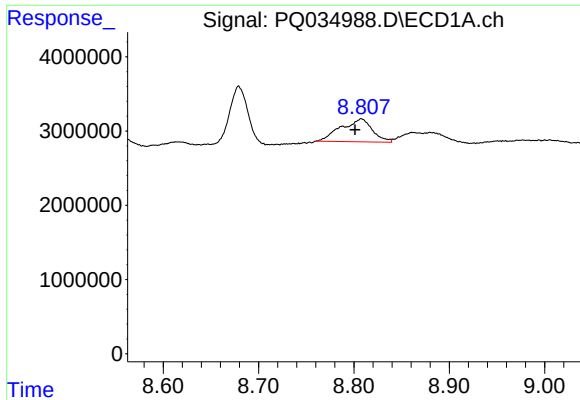
#40 AR-1262-5

R.T.: 9.548 min  
Delta R.T.: -0.022 min  
Response: 2894891  
Conc: 23.74 ng/ml



#40 AR-1262-5

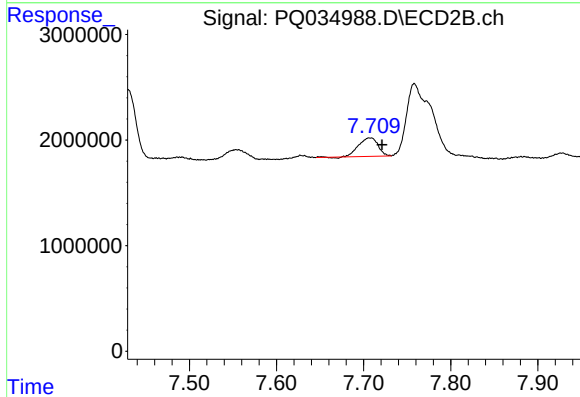
R.T.: 8.279 min  
Delta R.T.: -0.010 min  
Response: 1529862  
Conc: 16.80 ng/ml



#41 AR-1268-1

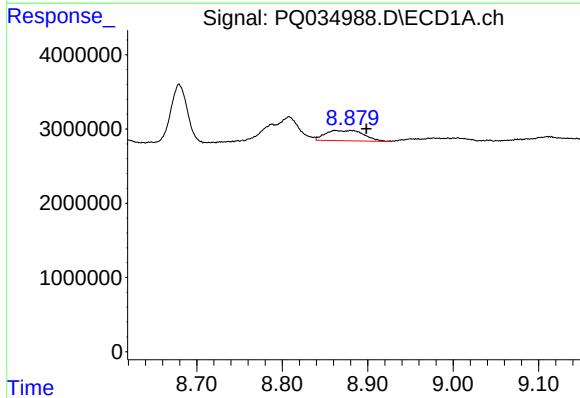
R.T.: 8.808 min  
Delta R.T.: 0.007 min  
Response: 7037615  
Conc: 16.33 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



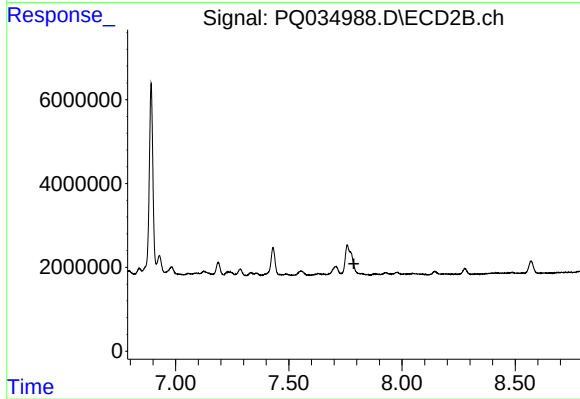
#41 AR-1268-1

R.T.: 7.709 min  
Delta R.T.: -0.012 min  
Response: 2722666  
Conc: 8.18 ng/ml



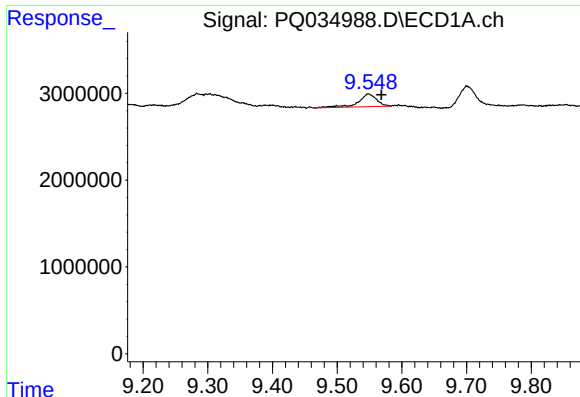
#42 AR-1268-2

R.T.: 8.880 min  
Delta R.T.: -0.018 min  
Response: 4289409  
Conc: 11.05 ng/ml



#42 AR-1268-2

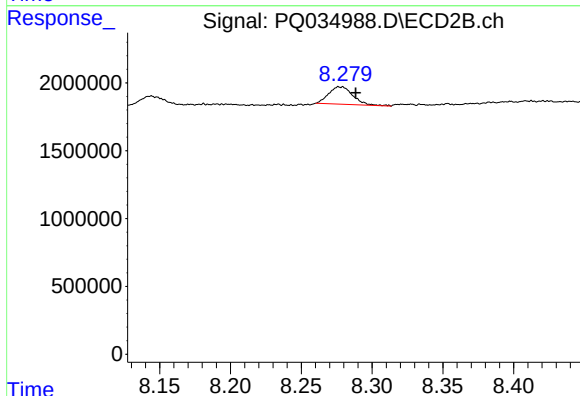
R.T.: 0.000 min  
Exp R.T.: 7.787 min  
Response: 0  
Conc: N.D.



#44 AR-1268-4

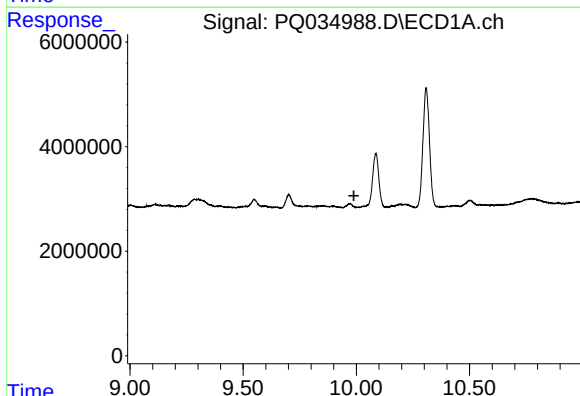
R.T.: 9.548 min  
Delta R.T.: -0.020 min  
Response: 2894891  
Conc: 20.96 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



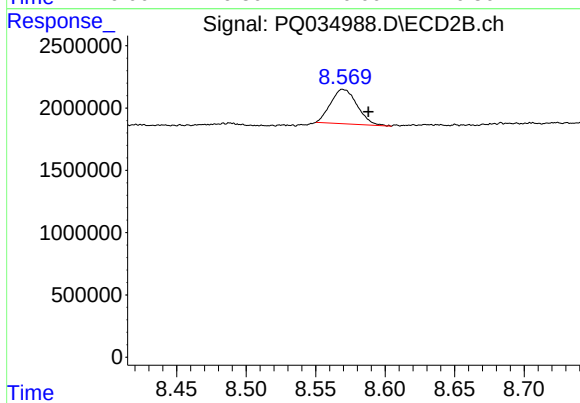
#44 AR-1268-4

R.T.: 8.279 min  
Delta R.T.: -0.009 min  
Response: 1529862  
Conc: 14.38 ng/ml



#45 AR-1268-5

R.T.: 0.000 min  
Exp R.T. : 9.989 min  
Response: 0  
Conc: N.D.



#45 AR-1268-5

R.T.: 8.569 min  
Delta R.T.: -0.019 min  
Response: 3668269  
Conc: 4.61 ng/ml