

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Data\PQ061820\  
 Data File : PQ048471.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 18 Jun 2020 13:46  
 Operator : AJ\MA  
 Sample : L2809-01  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 ECD\_Q  
 ClientSampleId :  
 HD-01-061720

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jun 18 17:38:06 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Method\PQ061720.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Wed Jun 17 15:37:20 2020  
 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... | 5.293  | 4.291 | 185.6E6  | 82944174 | 25.173  | 23.493    |
| 2)                          | SA Decachlor... | 11.563 | 9.659 | 221.1E6  | 97319079 | 22.848  | 20.223    |
| Target Compounds            |                 |        |       |          |          |         |           |
| 3)                          | L1 AR-1016-1    | 6.613  | 5.621 | 12519910 | 1523031  | 43.627  | 10.779 #  |
| 4)                          | L1 AR-1016-2    | 6.646  | 5.621 | 18953834 | 1523031  | 47.821  | 7.888 #   |
| 5)                          | L1 AR-1016-3    | 6.731  | 5.772 | 24136882 | 2237301  | 97.843  | 23.552 #  |
| 6)                          | L1 AR-1016-4    | 6.846  | 5.772 | 23180822 | 2237301  | 113.718 | 28.823 #  |
| 7)                          | L1 AR-1016-5    | 7.137  | 0.000 | 20623386 | 0        | 101.674 | N.D. #    |
| 9)                          | L2 AR-1221-2    | 5.652  | 0.000 | 20545173 | 0        | 356.724 | N.D. #    |
| 10)                         | L2 AR-1221-3    | 5.746  | 0.000 | 12596168 | 0        | 70.264  | N.D. #    |
| 11)                         | L3 AR-1232-1    | 5.746  | 0.000 | 12596168 | 0        | 99.332  | N.D. #    |
| 12)                         | L3 AR-1232-2    | 6.321  | 5.621 | 48024740 | 1523031  | 724.676 | 23.088 #  |
| 13)                         | L3 AR-1232-3    | 6.646  | 5.772 | 18953834 | 2237301  | 136.461 | 68.058 #  |
| 14)                         | L3 AR-1232-4    | 6.846  | 5.880 | 23180822 | 3270118  | 327.824 | 105.224 # |
| 15)                         | L3 AR-1232-5    | 6.877  | 0.000 | 30252440 | 0        | 540.783 | N.D. #    |
| 16)                         | L4 AR-1242-1    | 6.613  | 5.621 | 12519910 | 1523031  | 59.357  | 14.721 #  |
| 17)                         | L4 AR-1242-2    | 6.646  | 5.621 | 18953834 | 1523031  | 64.147  | 10.800 #  |
| 18)                         | L4 AR-1242-3    | 6.731  | 5.772 | 24136882 | 2237301  | 131.330 | 31.412 #  |
| 19)                         | L4 AR-1242-4    | 6.846  | 5.880 | 23180822 | 3270118  | 153.051 | 44.809 #  |
| 20)                         | L4 AR-1242-5    | 7.607  | 6.431 | 3558310  | 1391536  | 20.139  | 13.353 #  |
| 21)                         | L5 AR-1248-1    | 6.613  | 5.621 | 12519910 | 1523031  | 77.810  | 19.563 #  |
| 22)                         | L5 AR-1248-2    | 6.877  | 5.772 | 30252440 | 2237301  | 136.226 | 22.201 #  |
| 23)                         | L5 AR-1248-3    | 7.137  | 5.880 | 20623386 | 3270118  | 82.860  | 31.303 #  |
| 24)                         | L5 AR-1248-4    | 7.580  | 0.000 | 4371894  | 0        | 14.700  | N.D. #    |
| 25)                         | L5 AR-1248-5    | 7.607  | 6.431 | 3558310  | 1391536  | 12.578  | 10.213    |
| 26)                         | L6 AR-1254-1    | 7.536  | 6.431 | 9049981  | 1391536  | 29.912  | 6.221 #   |
| 27)                         | L6 AR-1254-2    | 7.769  | 6.613 | 16289188 | 6023862  | 33.993  | 30.308    |
| 28)                         | L6 AR-1254-3    | 8.165  | 7.030 | 10930849 | 8426183  | 20.754  | 24.528    |
| 29)                         | L6 AR-1254-4    | 8.450  | 7.248 | 6982009  | 1190587  | 16.913  | 5.282 #   |
| 30)                         | L6 AR-1254-5    | 8.881  | 7.679 | 3251211  | 2589396  | 7.107   | 8.177     |
| 31)                         | L7 AR-1260-1    | 8.316  | 0.000 | 3955691  | 0        | 10.492  | N.D. #    |
| 32)                         | L7 AR-1260-2    | 8.584  | 7.343 | 18033192 | 1740032  | 39.257  | 6.453 #   |
| 34)                         | L7 AR-1260-4    | 9.199  | 0.000 | 1801360  | 0        | 4.205   | N.D. #    |
| 35)                         | L7 AR-1260-5    | 9.556  | 0.000 | 1886449  | 0        | 2.104   | N.D. #    |
| 36)                         | L8 AR-1262-1    | 0.000  | 7.679 | 0        | 2589396  | N.D.    | 14.934 #  |
| 37)                         | L8 AR-1262-2    | 9.556  | 0.000 | 1886449  | 0        | 1.717   | N.D. #    |
| 38)                         | L8 AR-1262-3    | 9.894  | 0.000 | 2507690  | 0        | 5.092   | N.D. #    |
| 41)                         | L9 AR-1268-1    | 9.894  | 0.000 | 2507690  | 0        | 1.906   | N.D. #    |
| 43)                         | L9 AR-1268-3    | 10.244 | 0.000 | 2350830  | 0        | 2.253   | N.D. #    |
| -----                       |                 |        |       |          |          |         |           |

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

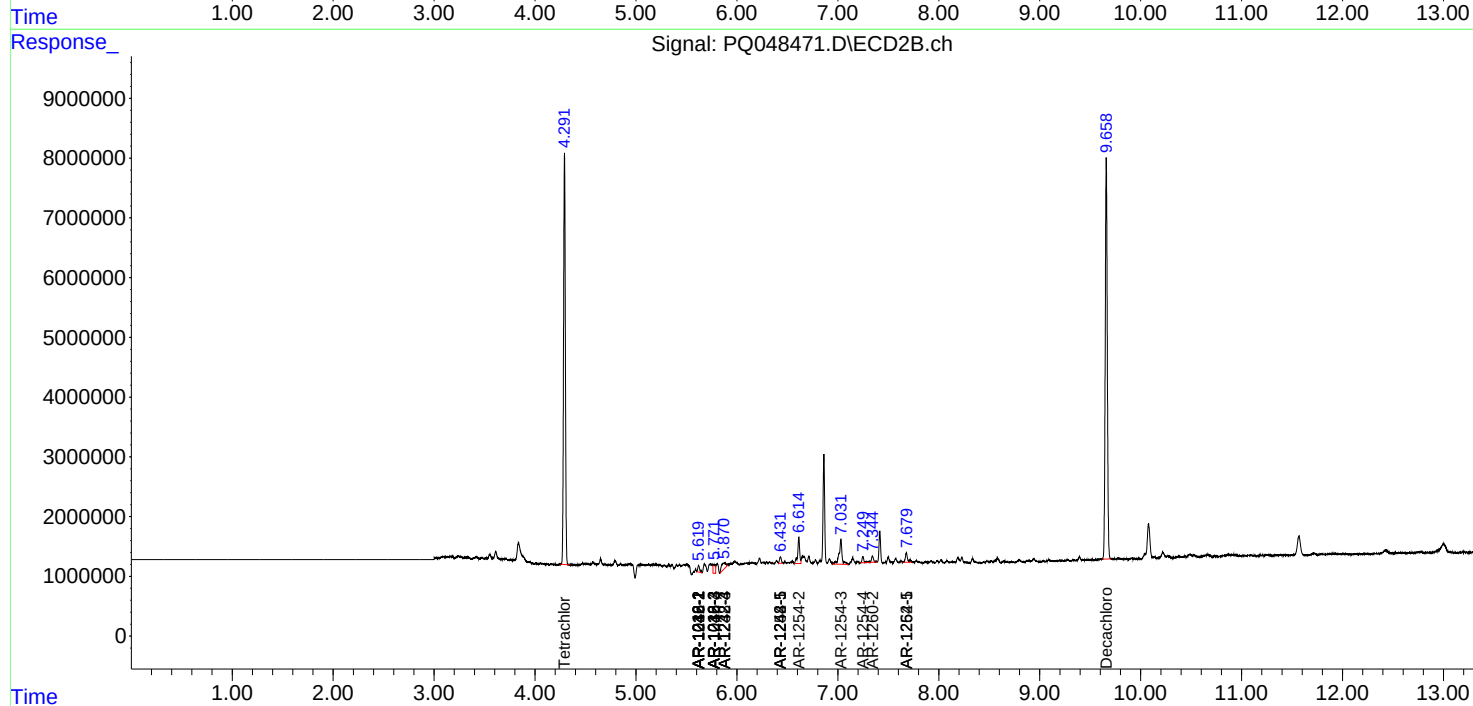
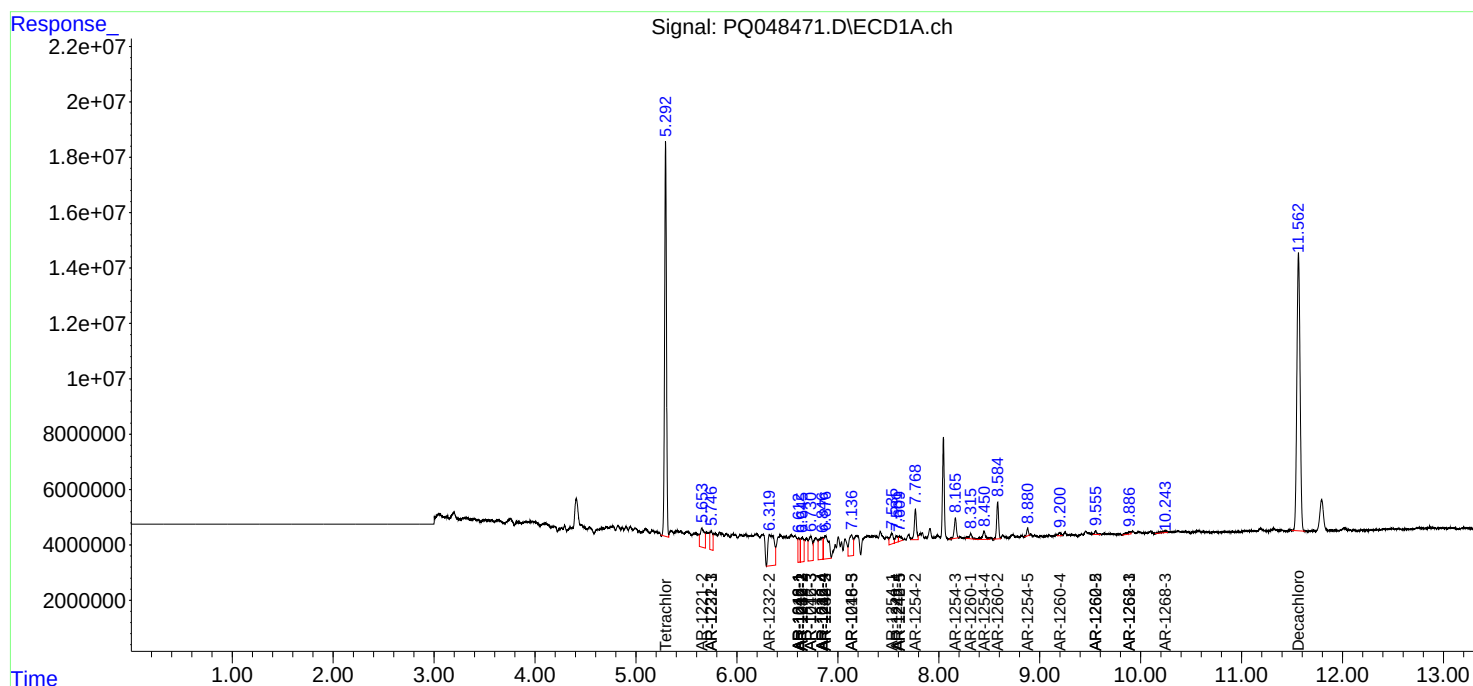
Instrument :  
ECD\_Q  
ClientSampleId :  
HD-01-061720

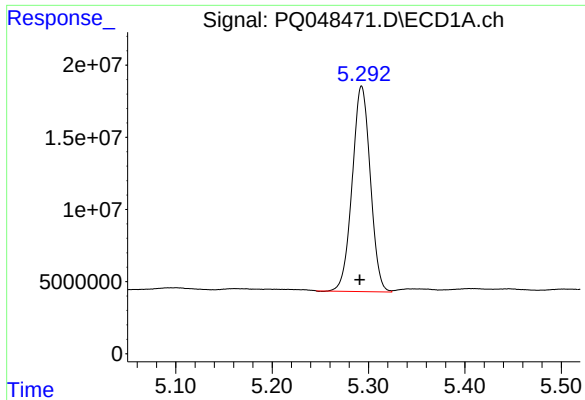
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Data\PQ061820\  
Data File : PQ048471.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 18 Jun 2020 13:46  
Operator : AJ\MA  
Sample : L2809-01  
Misc :  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
ECD\_Q  
ClientSampleId :  
HD-01-061720

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jun 18 17:38:06 2020  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Method\PQ061720.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Wed Jun 17 15:37:20 2020  
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

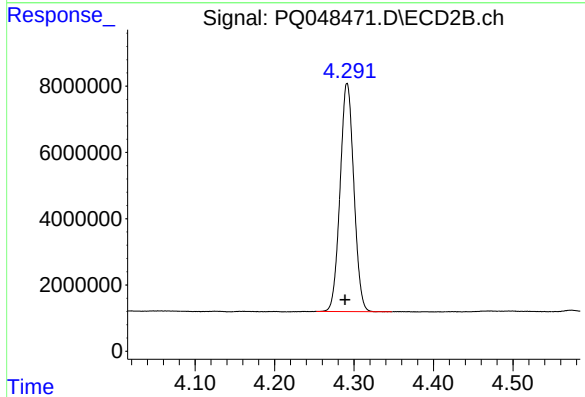




#1 Tetrachloro-m-xylene

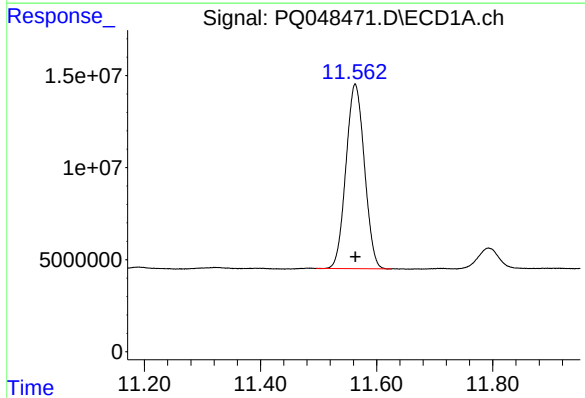
R.T.: 5.293 min  
Delta R.T.: 0.002 min  
Response: 185559865  
Conc: 25.17 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
HD-01-061720



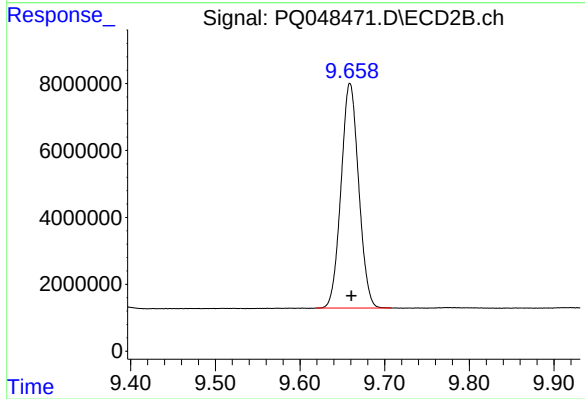
#1 Tetrachloro-m-xylene

R.T.: 4.291 min  
Delta R.T.: 0.003 min  
Response: 82944174  
Conc: 23.49 ng/ml



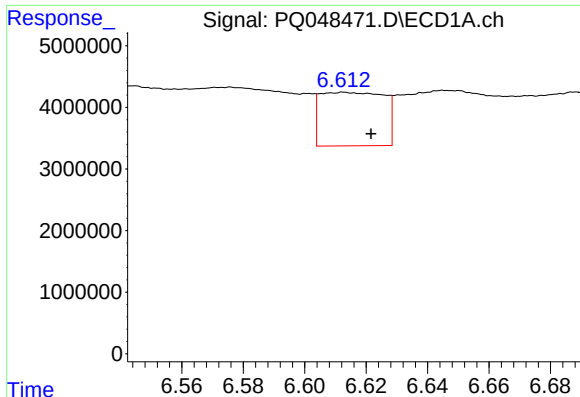
#2 Decachlorobiphenyl

R.T.: 11.563 min  
Delta R.T.: 0.000 min  
Response: 221082032  
Conc: 22.85 ng/ml



#2 Decachlorobiphenyl

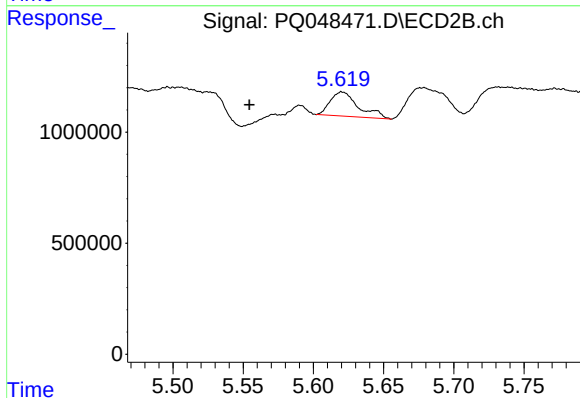
R.T.: 9.659 min  
Delta R.T.: -0.001 min  
Response: 97319079  
Conc: 20.22 ng/ml



#3 AR-1016-1

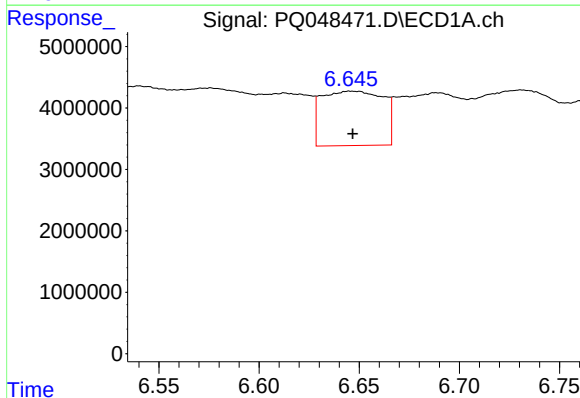
R.T.: 6.613 min  
Delta R.T.: -0.009 min  
Response: 12519910  
Conc: 43.63 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
HD-01-061720



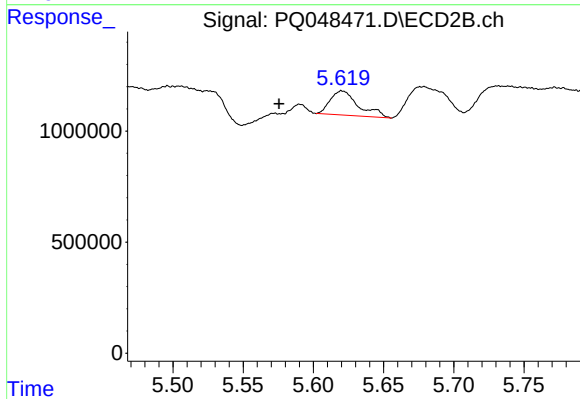
#3 AR-1016-1

R.T.: 5.621 min  
Delta R.T.: 0.066 min  
Response: 1523031  
Conc: 10.78 ng/ml



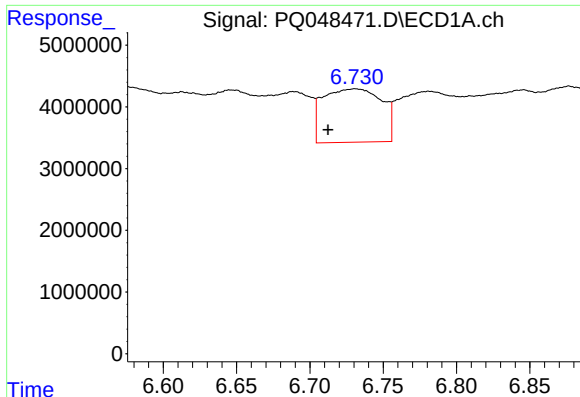
#4 AR-1016-2

R.T.: 6.646 min  
Delta R.T.: 0.000 min  
Response: 18953834  
Conc: 47.82 ng/ml



#4 AR-1016-2

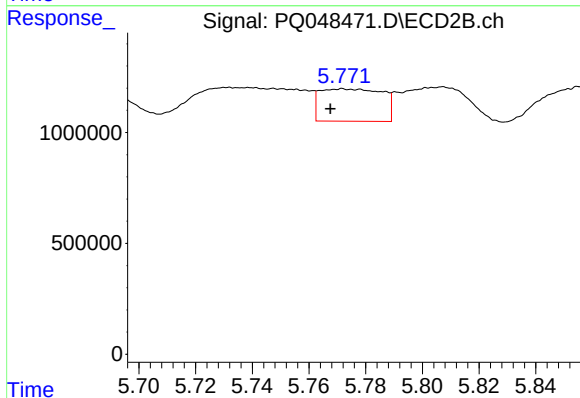
R.T.: 5.621 min  
Delta R.T.: 0.045 min  
Response: 1523031  
Conc: 7.89 ng/ml



#5 AR-1016-3

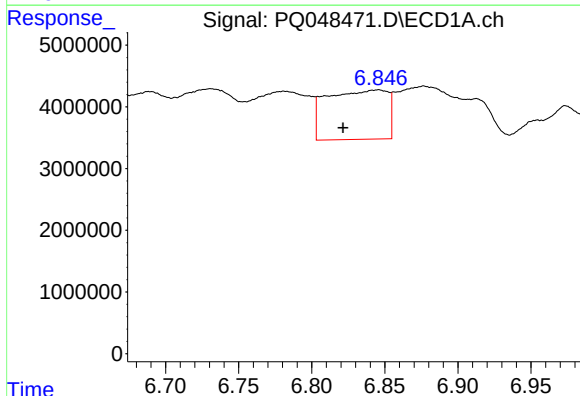
R.T.: 6.731 min  
Delta R.T.: 0.019 min  
Response: 24136882  
Conc: 97.84 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
HD-01-061720



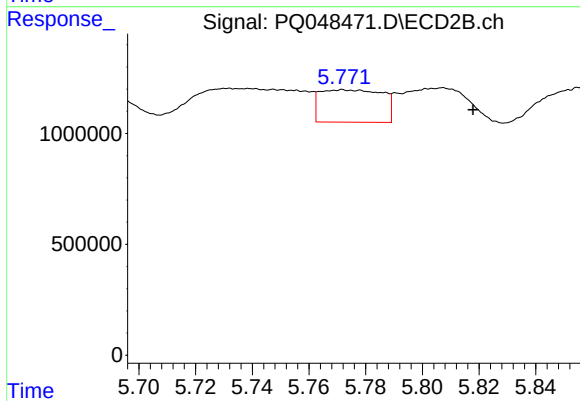
#5 AR-1016-3

R.T.: 5.772 min  
Delta R.T.: 0.005 min  
Response: 2237301  
Conc: 23.55 ng/ml



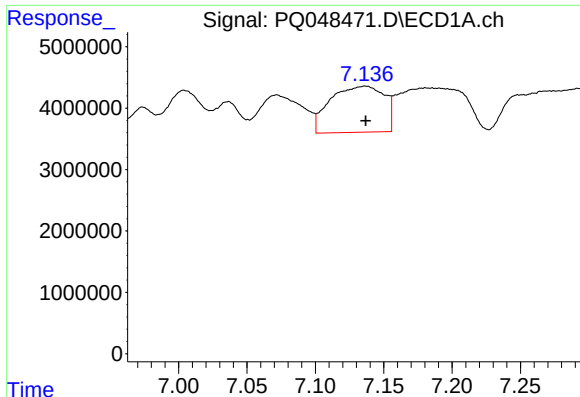
#6 AR-1016-4

R.T.: 6.846 min  
Delta R.T.: 0.024 min  
Response: 23180822  
Conc: 113.72 ng/ml



#6 AR-1016-4

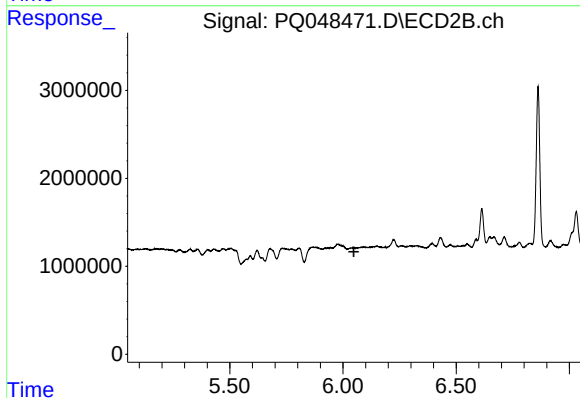
R.T.: 5.772 min  
Delta R.T.: -0.045 min  
Response: 2237301  
Conc: 28.82 ng/ml



#7 AR-1016-5

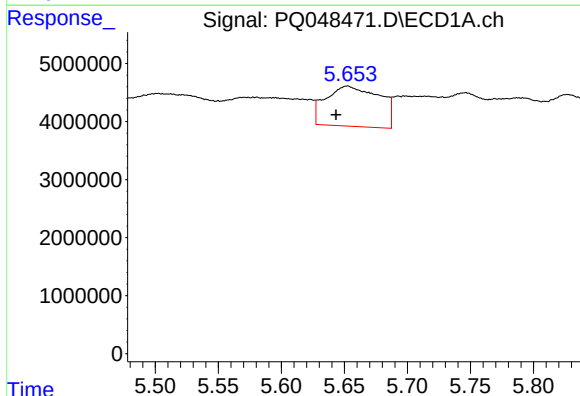
R.T.: 7.137 min  
Delta R.T.: 0.000 min  
Response: 20623386  
Conc: 101.67 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
HD-01-061720



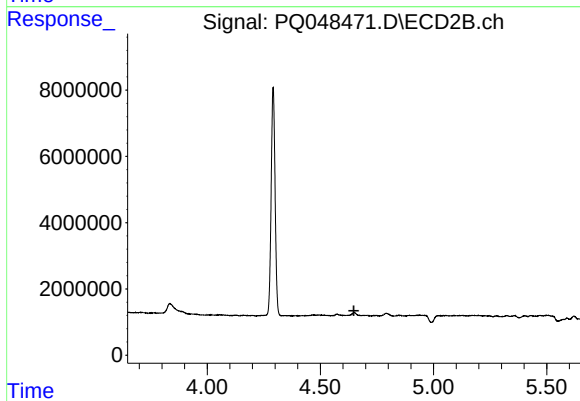
#7 AR-1016-5

R.T.: 0.000 min  
Exp R.T. : 6.048 min  
Response: 0  
Conc: N.D.



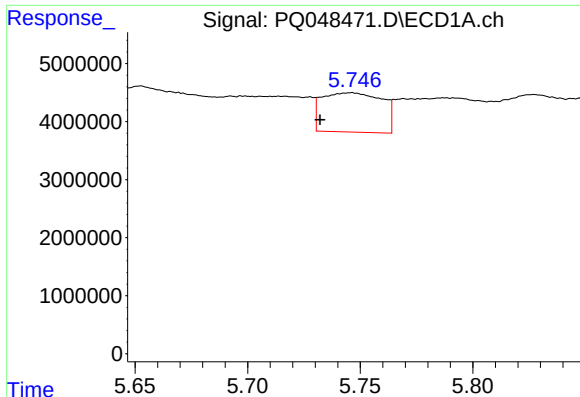
#9 AR-1221-2

R.T.: 5.652 min  
Delta R.T.: 0.009 min  
Response: 20545173  
Conc: 356.72 ng/ml



#9 AR-1221-2

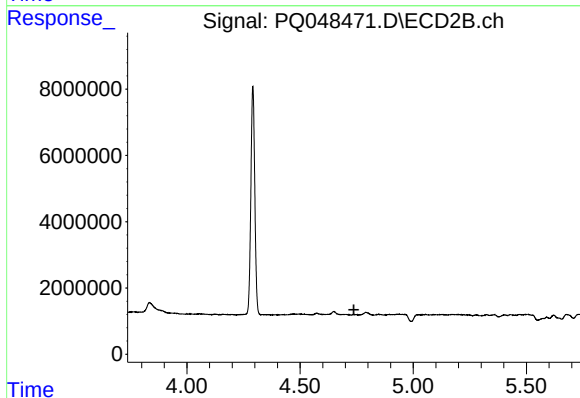
R.T.: 0.000 min  
Exp R.T. : 4.648 min  
Response: 0  
Conc: N.D.



#10 AR-1221-3

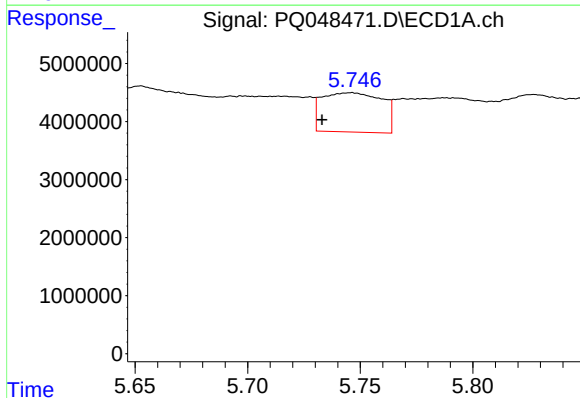
R.T.: 5.746 min  
Delta R.T.: 0.014 min  
Response: 12596168  
Conc: 70.26 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
HD-01-061720



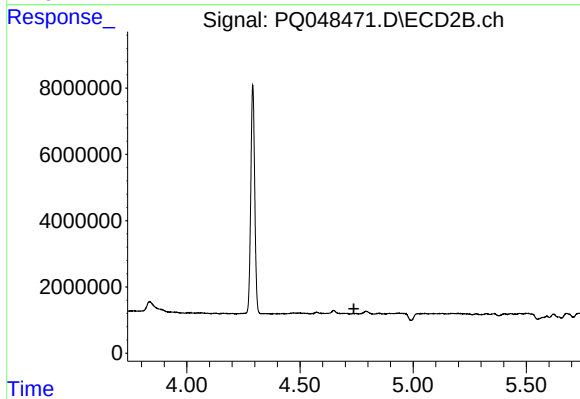
#10 AR-1221-3

R.T.: 0.000 min  
Exp R.T. : 4.738 min  
Response: 0  
Conc: N.D.



#11 AR-1232-1

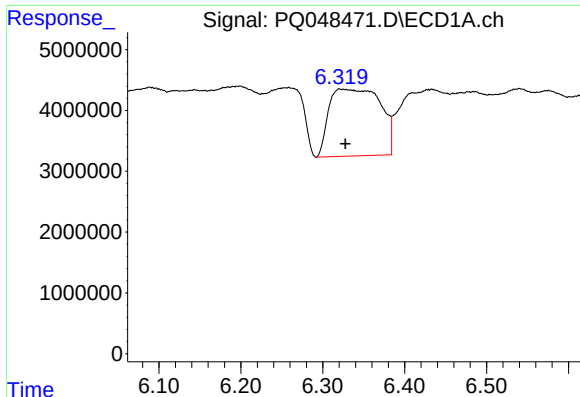
R.T.: 5.746 min  
Delta R.T.: 0.013 min  
Response: 12596168  
Conc: 99.33 ng/ml



#11 AR-1232-1

R.T.: 0.000 min  
Exp R.T. : 4.738 min  
Response: 0  
Conc: N.D.

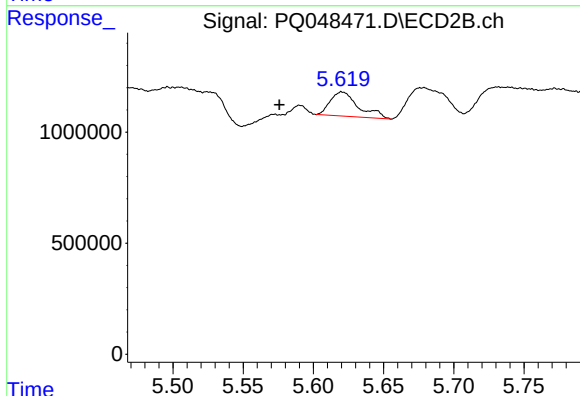




#12 AR-1232-2

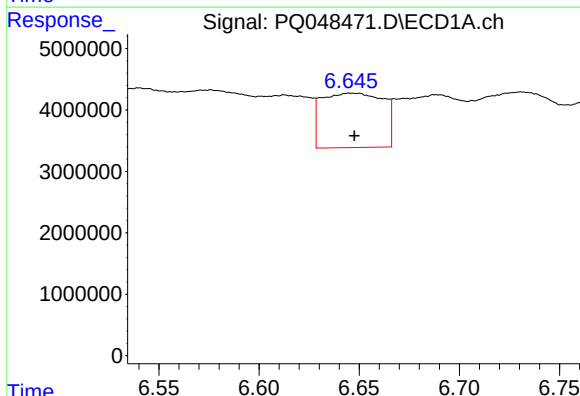
R.T.: 6.321 min  
Delta R.T.: -0.007 min  
Response: 48024740  
Conc: 724.68 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
HD-01-061720



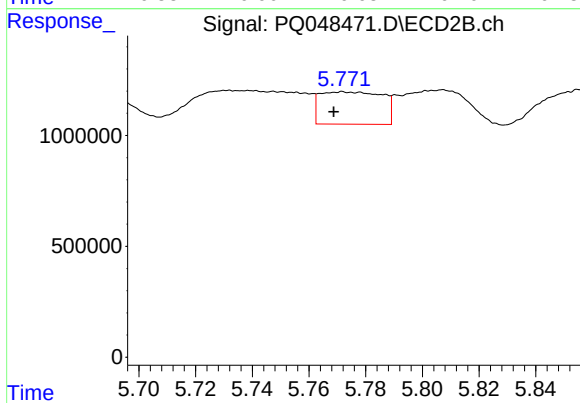
#12 AR-1232-2

R.T.: 5.621 min  
Delta R.T.: 0.045 min  
Response: 1523031  
Conc: 23.09 ng/ml



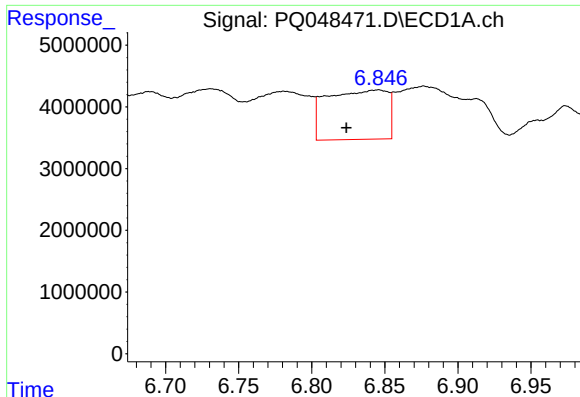
#13 AR-1232-3

R.T.: 6.646 min  
Delta R.T.: -0.002 min  
Response: 18953834  
Conc: 136.46 ng/ml



#13 AR-1232-3

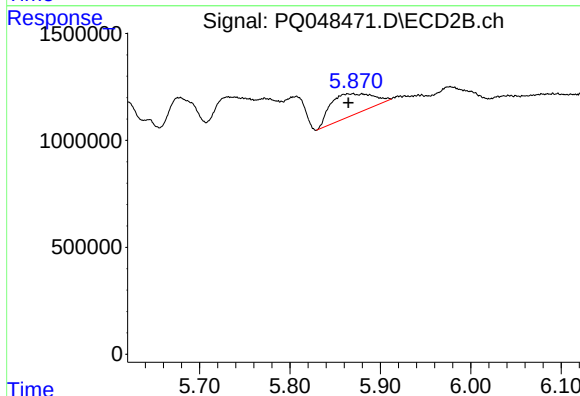
R.T.: 5.772 min  
Delta R.T.: 0.004 min  
Response: 2237301  
Conc: 68.06 ng/ml



#14 AR-1232-4

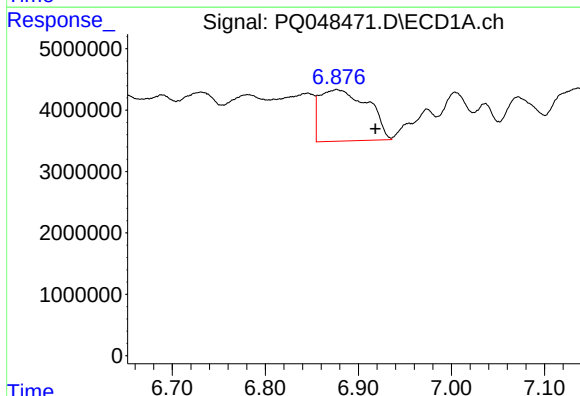
R.T.: 6.846 min  
Delta R.T.: 0.022 min  
Response: 23180822  
Conc: 327.82 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
HD-01-061720



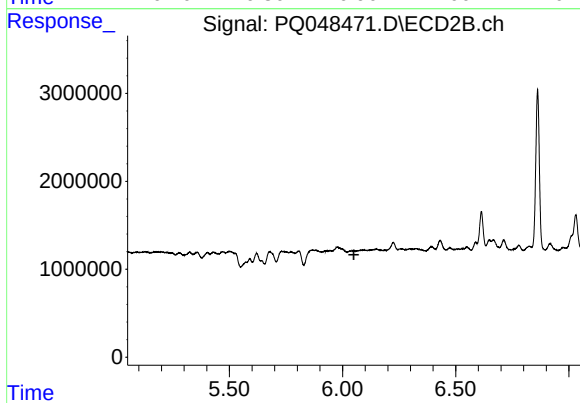
#14 AR-1232-4

R.T.: 5.880 min  
Delta R.T.: 0.015 min  
Response: 3270118  
Conc: 105.22 ng/ml



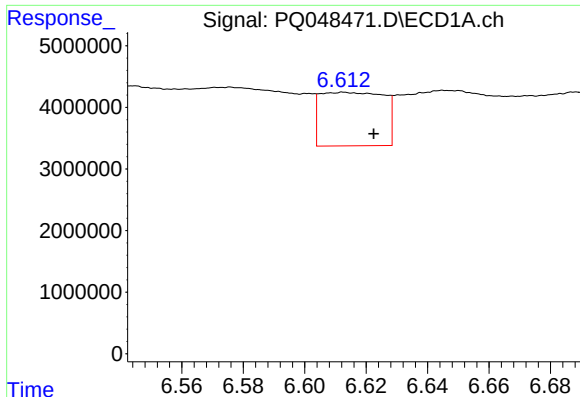
#15 AR-1232-5

R.T.: 6.877 min  
Delta R.T.: -0.042 min  
Response: 30252440  
Conc: 540.78 ng/ml



#15 AR-1232-5

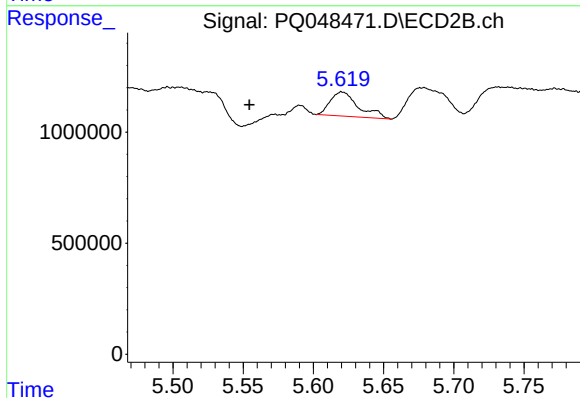
R.T.: 0.000 min  
Exp R.T.: 6.050 min  
Response: 0  
Conc: N.D.



#16 AR-1242-1

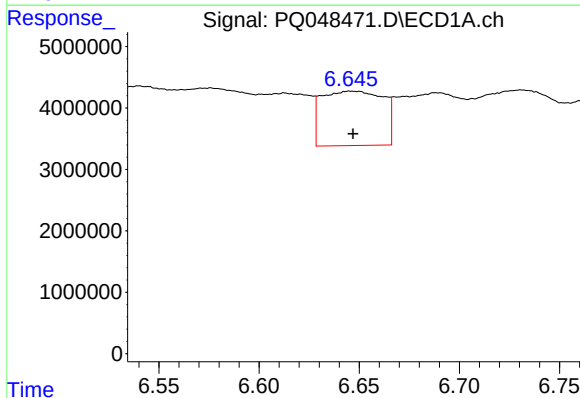
R.T.: 6.613 min  
Delta R.T.: -0.010 min  
Response: 12519910  
Conc: 59.36 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
HD-01-061720



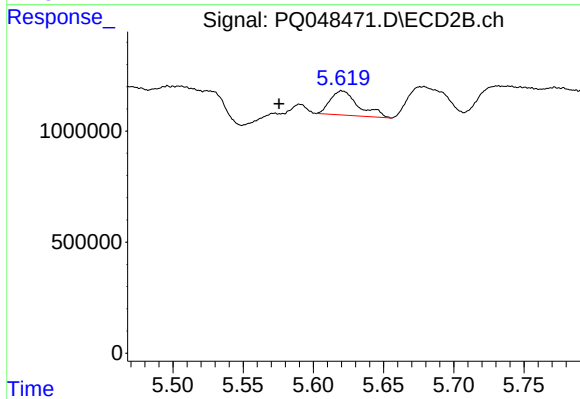
#16 AR-1242-1

R.T.: 5.621 min  
Delta R.T.: 0.066 min  
Response: 1523031  
Conc: 14.72 ng/ml



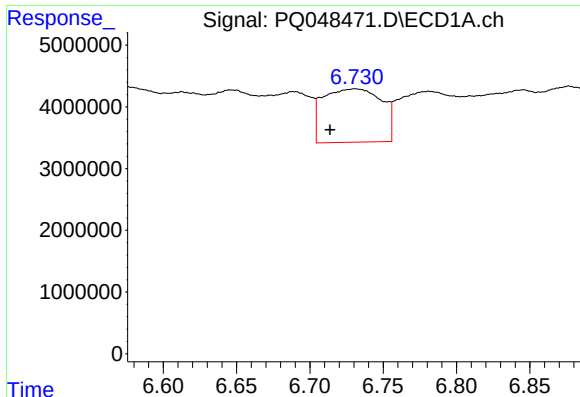
#17 AR-1242-2

R.T.: 6.646 min  
Delta R.T.: 0.000 min  
Response: 18953834  
Conc: 64.15 ng/ml



#17 AR-1242-2

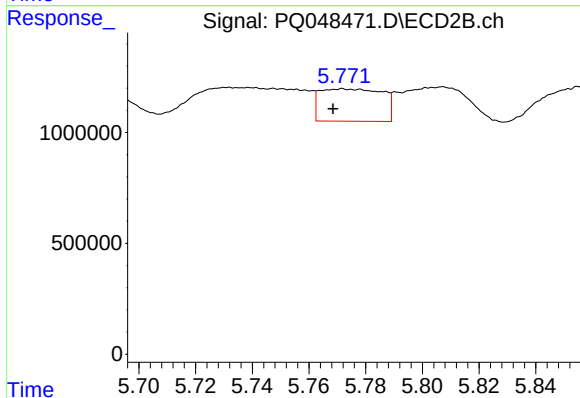
R.T.: 5.621 min  
Delta R.T.: 0.045 min  
Response: 1523031  
Conc: 10.80 ng/ml



#18 AR-1242-3

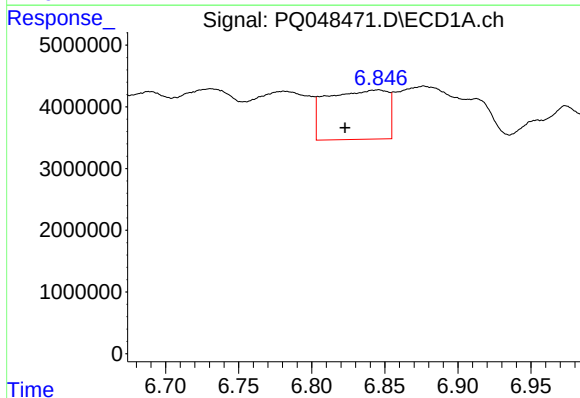
R.T.: 6.731 min  
Delta R.T.: 0.017 min  
Response: 24136882  
Conc: 131.33 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
HD-01-061720



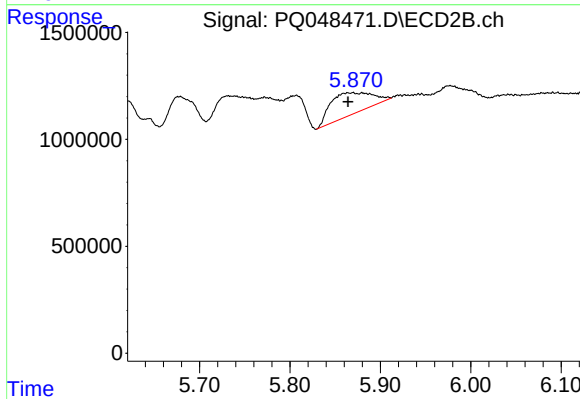
#18 AR-1242-3

R.T.: 5.772 min  
Delta R.T.: 0.004 min  
Response: 2237301  
Conc: 31.41 ng/ml



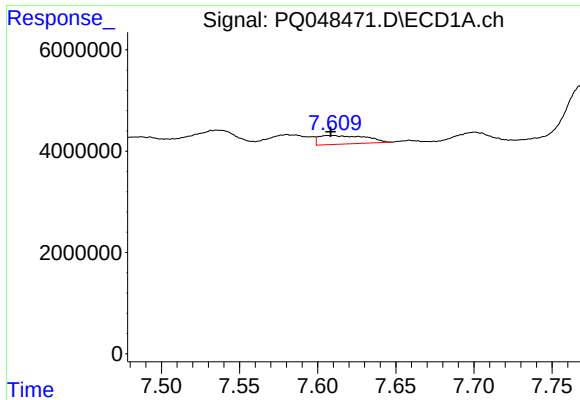
#19 AR-1242-4

R.T.: 6.846 min  
Delta R.T.: 0.023 min  
Response: 23180822  
Conc: 153.05 ng/ml



#19 AR-1242-4

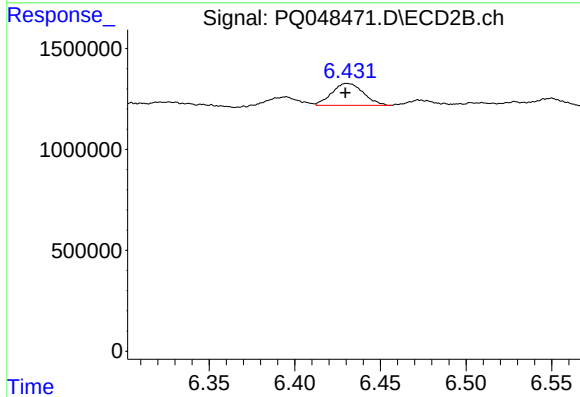
R.T.: 5.880 min  
Delta R.T.: 0.016 min  
Response: 3270118  
Conc: 44.81 ng/ml



#20 AR-1242-5

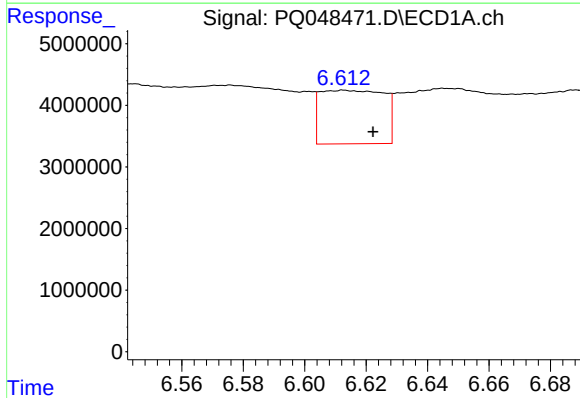
R.T.: 7.607 min  
Delta R.T.: -0.002 min  
Response: 3558310  
Conc: 20.14 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
HD-01-061720



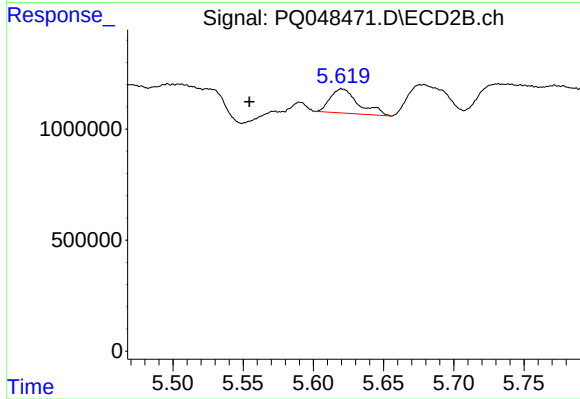
#20 AR-1242-5

R.T.: 6.431 min  
Delta R.T.: 0.001 min  
Response: 1391536  
Conc: 13.35 ng/ml



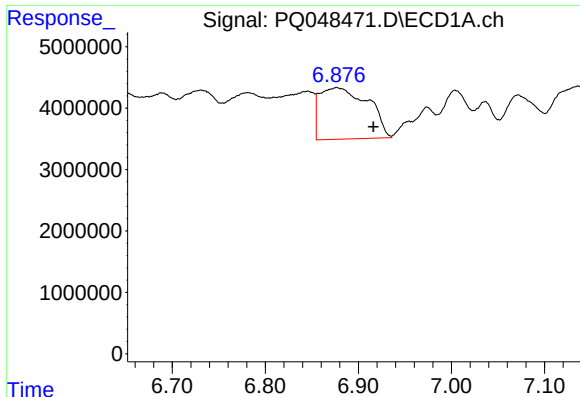
#21 AR-1248-1

R.T.: 6.613 min  
Delta R.T.: -0.009 min  
Response: 12519910  
Conc: 77.81 ng/ml



#21 AR-1248-1

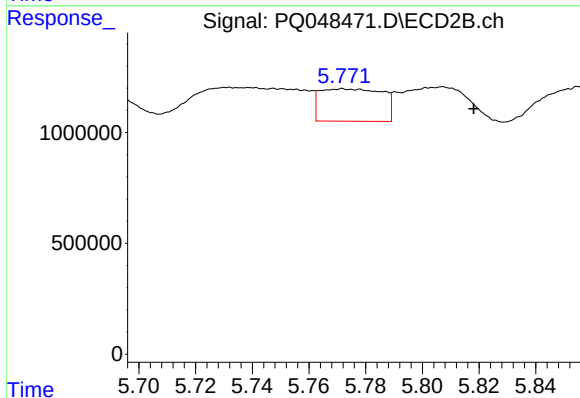
R.T.: 5.621 min  
Delta R.T.: 0.066 min  
Response: 1523031  
Conc: 19.56 ng/ml



#22 AR-1248-2

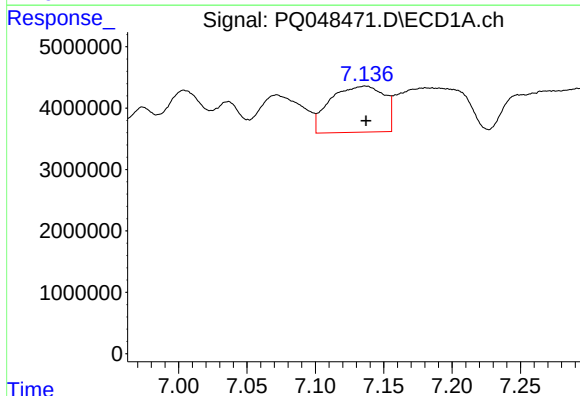
R.T.: 6.877 min  
Delta R.T.: -0.040 min  
Response: 30252440  
Conc: 136.23 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
HD-01-061720



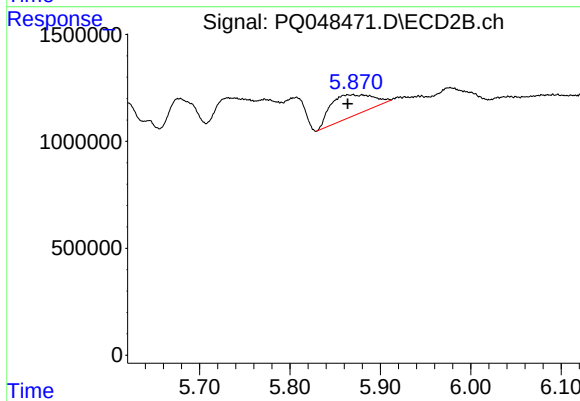
#22 AR-1248-2

R.T.: 5.772 min  
Delta R.T.: -0.046 min  
Response: 2237301  
Conc: 22.20 ng/ml



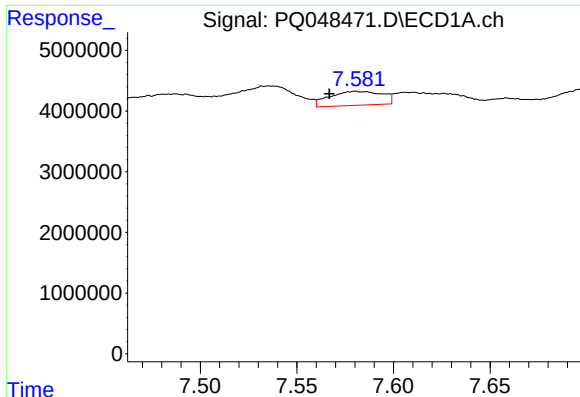
#23 AR-1248-3

R.T.: 7.137 min  
Delta R.T.: 0.000 min  
Response: 20623386  
Conc: 82.86 ng/ml



#23 AR-1248-3

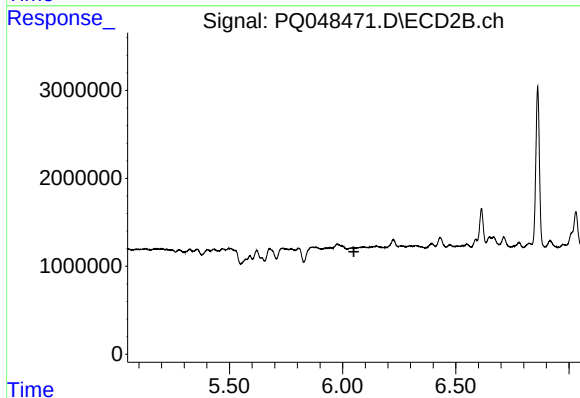
R.T.: 5.880 min  
Delta R.T.: 0.016 min  
Response: 3270118  
Conc: 31.30 ng/ml



#24 AR-1248-4

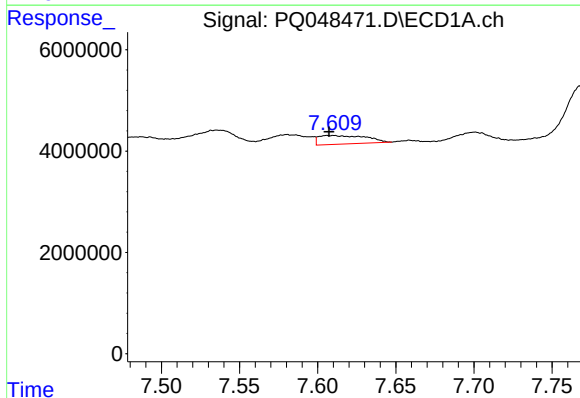
R.T.: 7.580 min  
Delta R.T.: 0.013 min  
Response: 4371894  
Conc: 14.70 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
HD-01-061720



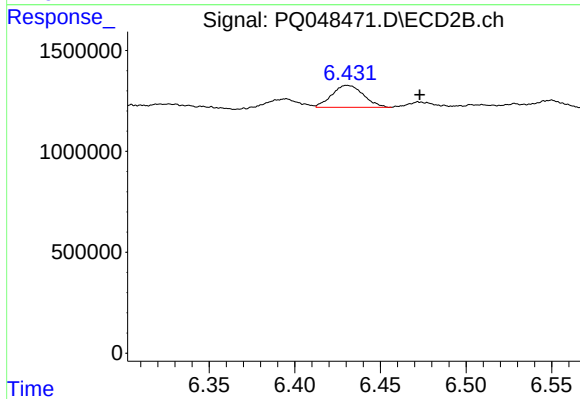
#24 AR-1248-4

R.T.: 0.000 min  
Exp R.T. : 6.050 min  
Response: 0  
Conc: N.D.



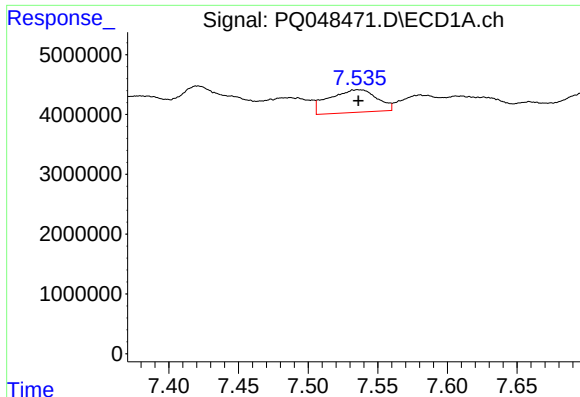
#25 AR-1248-5

R.T.: 7.607 min  
Delta R.T.: 0.000 min  
Response: 3558310  
Conc: 12.58 ng/ml



#25 AR-1248-5

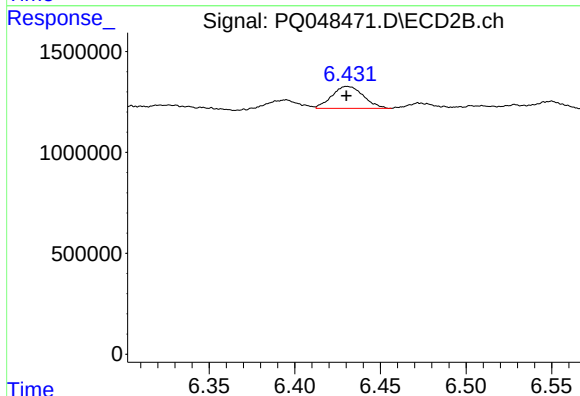
R.T.: 6.431 min  
Delta R.T.: -0.042 min  
Response: 1391536  
Conc: 10.21 ng/ml



#26 AR-1254-1

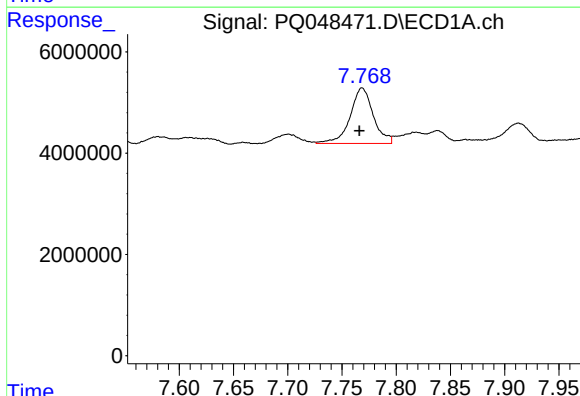
R.T.: 7.536 min  
Delta R.T.: 0.000 min  
Response: 9049981  
Conc: 29.91 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
HD-01-061720



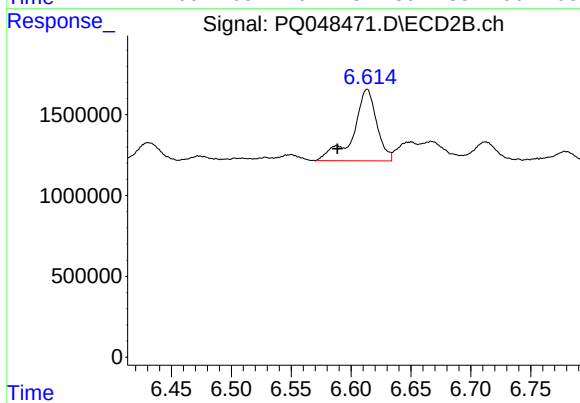
#26 AR-1254-1

R.T.: 6.431 min  
Delta R.T.: 0.000 min  
Response: 1391536  
Conc: 6.22 ng/ml



#27 AR-1254-2

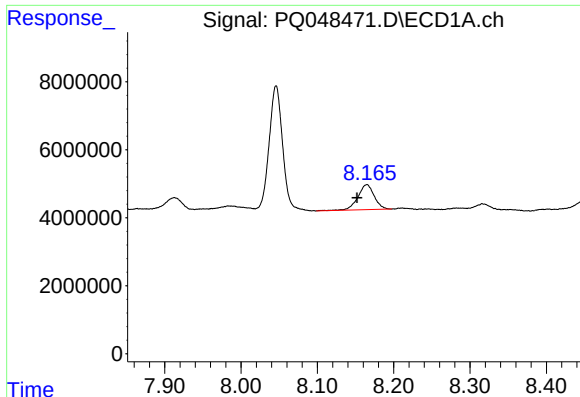
R.T.: 7.769 min  
Delta R.T.: 0.002 min  
Response: 16289188  
Conc: 33.99 ng/ml



#27 AR-1254-2

R.T.: 6.613 min  
Delta R.T.: 0.025 min  
Response: 6023862  
Conc: 30.31 ng/ml

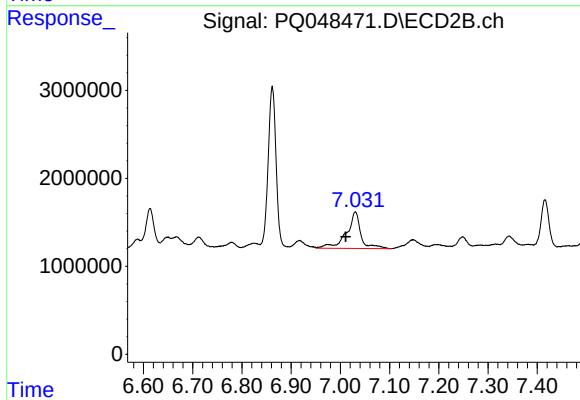




#28 AR-1254-3

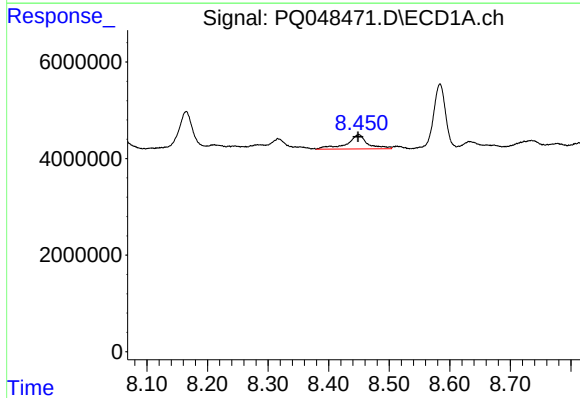
R.T.: 8.165 min  
Delta R.T.: 0.013 min  
Response: 10930849  
Conc: 20.75 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
HD-01-061720



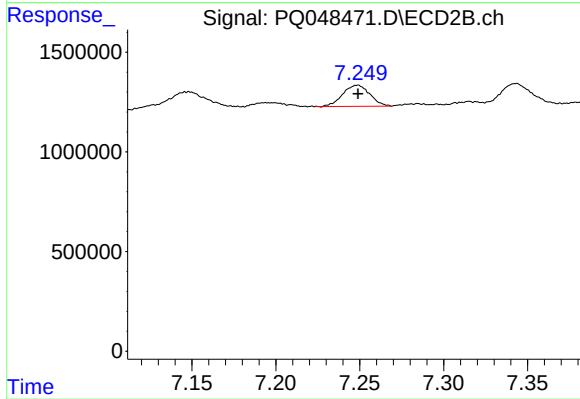
#28 AR-1254-3

R.T.: 7.030 min  
Delta R.T.: 0.019 min  
Response: 8426183  
Conc: 24.53 ng/ml



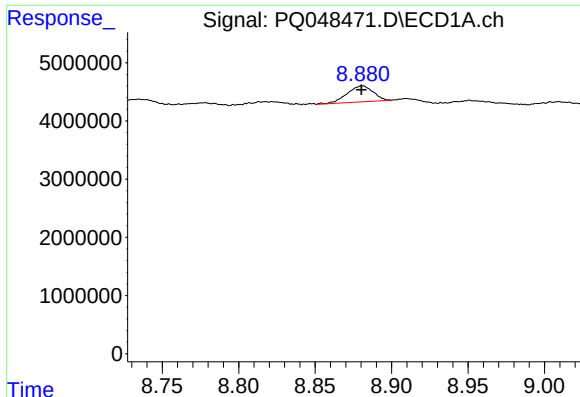
#29 AR-1254-4

R.T.: 8.450 min  
Delta R.T.: 0.001 min  
Response: 6982009  
Conc: 16.91 ng/ml



#29 AR-1254-4

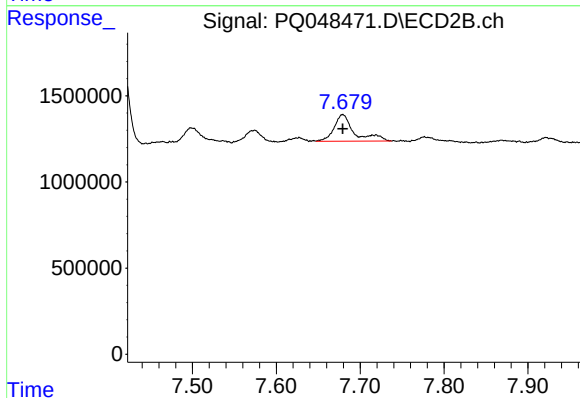
R.T.: 7.248 min  
Delta R.T.: 0.000 min  
Response: 1190587  
Conc: 5.28 ng/ml



#30 AR-1254-5

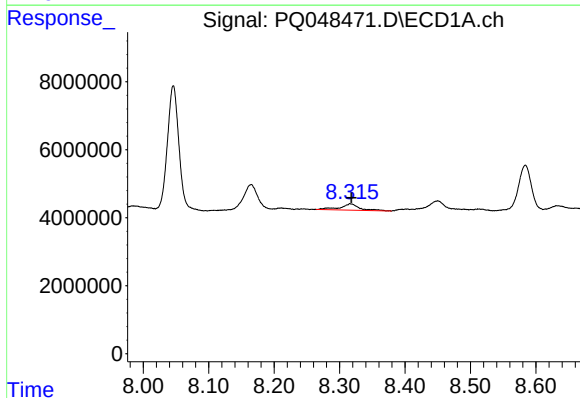
R.T.: 8.881 min  
Delta R.T.: 0.000 min  
Response: 3251211  
Conc: 7.11 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
HD-01-061720



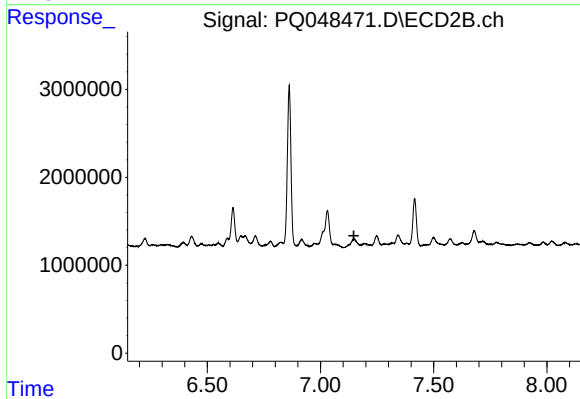
#30 AR-1254-5

R.T.: 7.679 min  
Delta R.T.: 0.000 min  
Response: 2589396  
Conc: 8.18 ng/ml



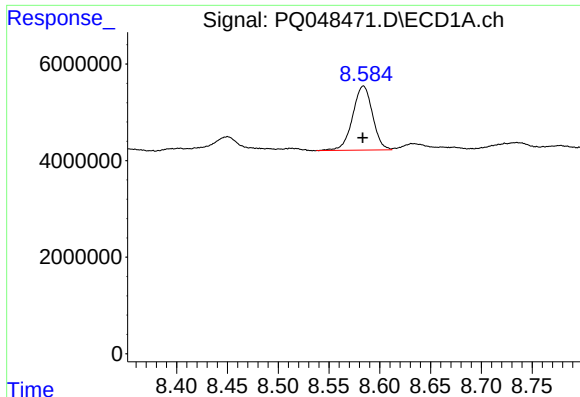
#31 AR-1260-1

R.T.: 8.316 min  
Delta R.T.: -0.001 min  
Response: 3955691  
Conc: 10.49 ng/ml



#31 AR-1260-1

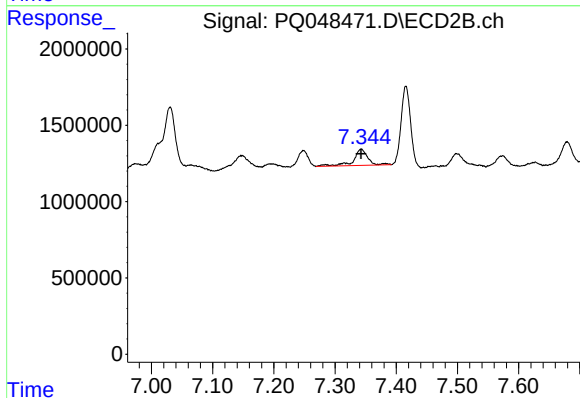
R.T.: 0.000 min  
Exp R.T.: 7.147 min  
Response: 0  
Conc: N.D.



#32 AR-1260-2

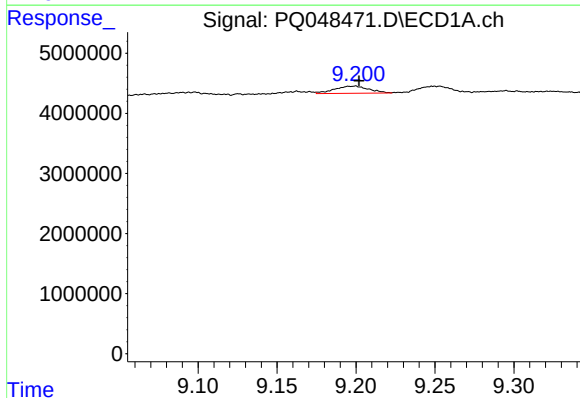
R.T.: 8.584 min  
Delta R.T.: 0.000 min  
Response: 18033192  
Conc: 39.26 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
HD-01-061720



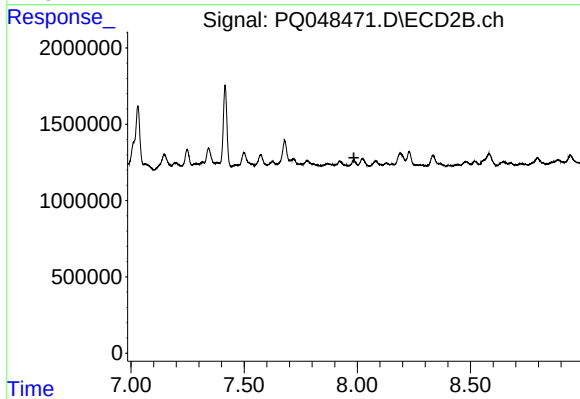
#32 AR-1260-2

R.T.: 7.343 min  
Delta R.T.: 0.000 min  
Response: 1740032  
Conc: 6.45 ng/ml



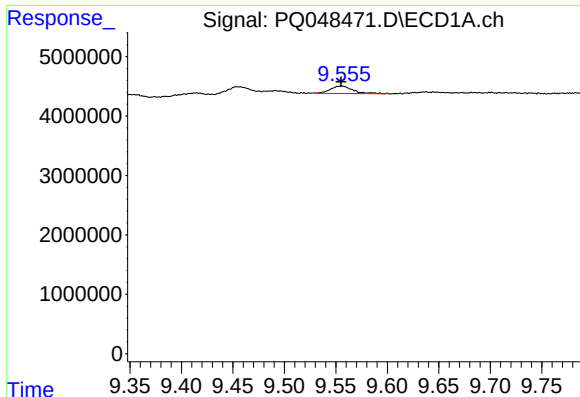
#34 AR-1260-4

R.T.: 9.199 min  
Delta R.T.: -0.003 min  
Response: 1801360  
Conc: 4.20 ng/ml



#34 AR-1260-4

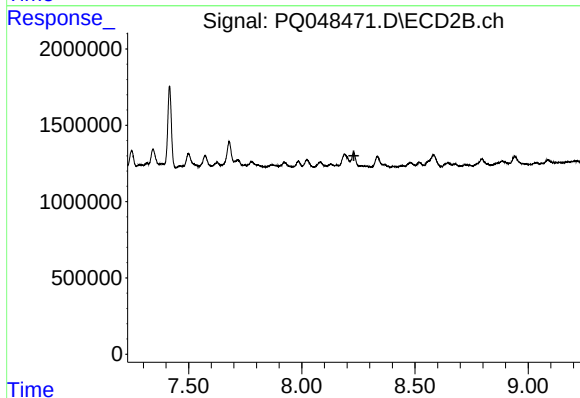
R.T.: 0.000 min  
Exp R.T.: 7.985 min  
Response: 0  
Conc: N.D.



#35 AR-1260-5

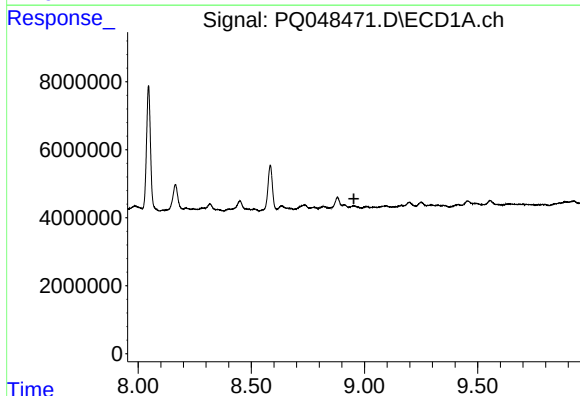
R.T.: 9.556 min  
Delta R.T.: 0.000 min  
Response: 1886449  
Conc: 2.10 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
HD-01-061720



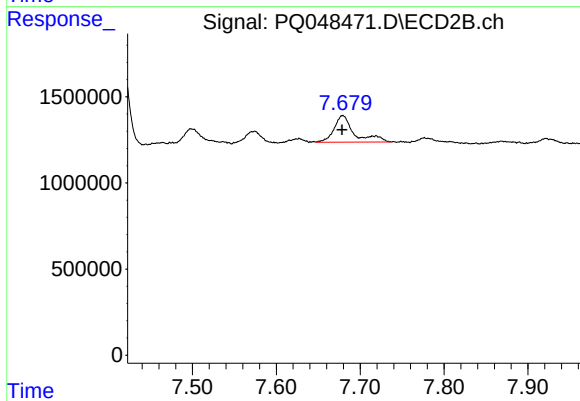
#35 AR-1260-5

R.T.: 0.000 min  
Exp R.T. : 8.230 min  
Response: 0  
Conc: N.D.



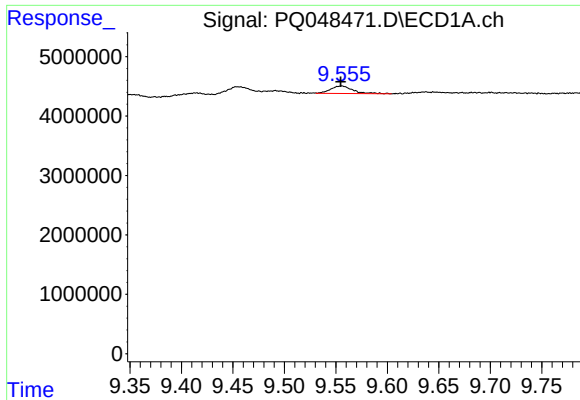
#36 AR-1262-1

R.T.: 0.000 min  
Exp R.T. : 8.953 min  
Response: 0  
Conc: N.D.



#36 AR-1262-1

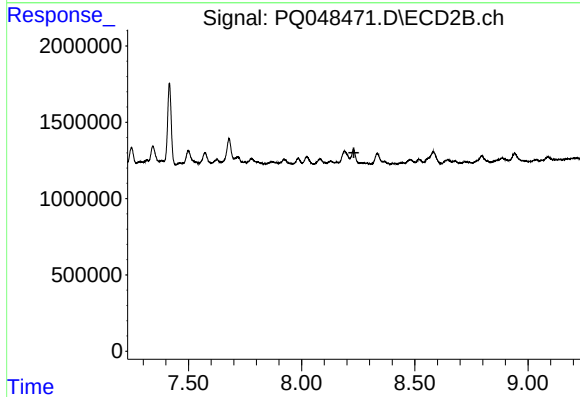
R.T.: 7.679 min  
Delta R.T.: 0.000 min  
Response: 2589396  
Conc: 14.93 ng/ml



#37 AR-1262-2

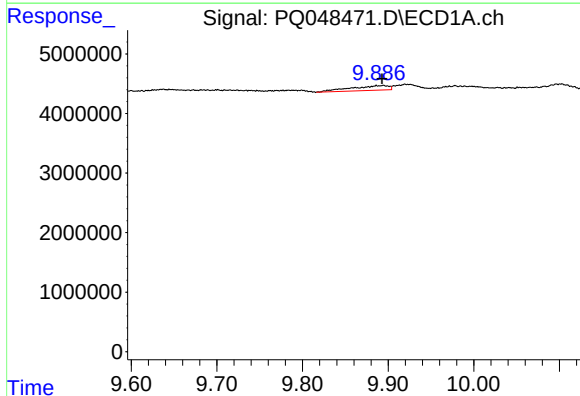
R.T.: 9.556 min  
Delta R.T.: 0.000 min  
Response: 1886449  
Conc: 1.72 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
HD-01-061720



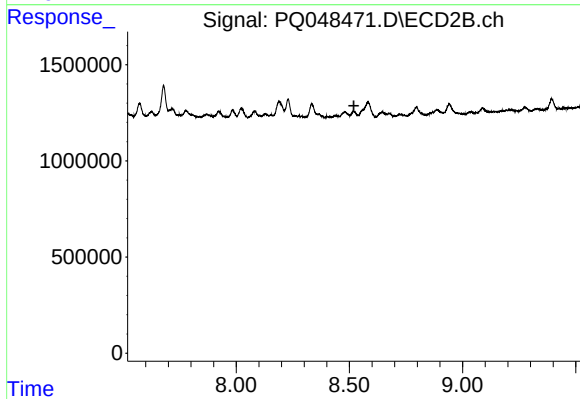
#37 AR-1262-2

R.T.: 0.000 min  
Exp R.T. : 8.231 min  
Response: 0  
Conc: N.D.



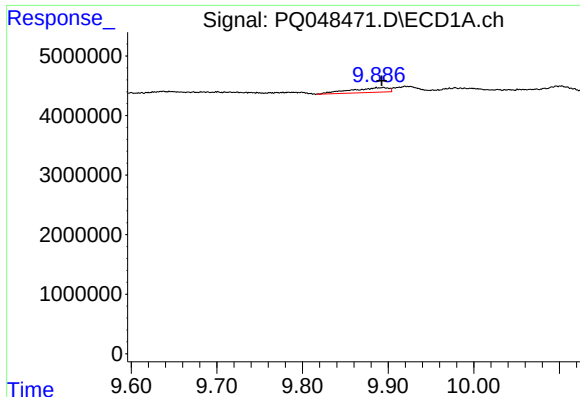
#38 AR-1262-3

R.T.: 9.894 min  
Delta R.T.: 0.001 min  
Response: 2507690  
Conc: 5.09 ng/ml



#38 AR-1262-3

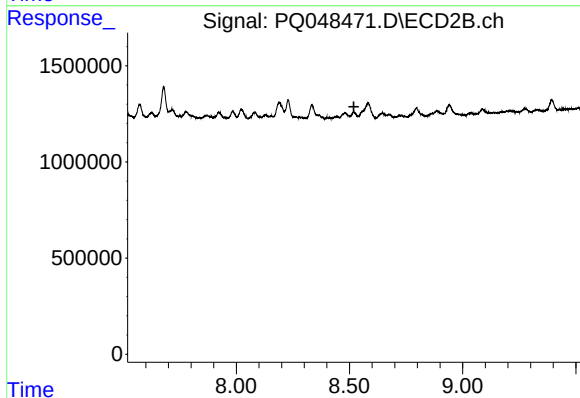
R.T.: 0.000 min  
Exp R.T. : 8.520 min  
Response: 0  
Conc: N.D.



#41 AR-1268-1

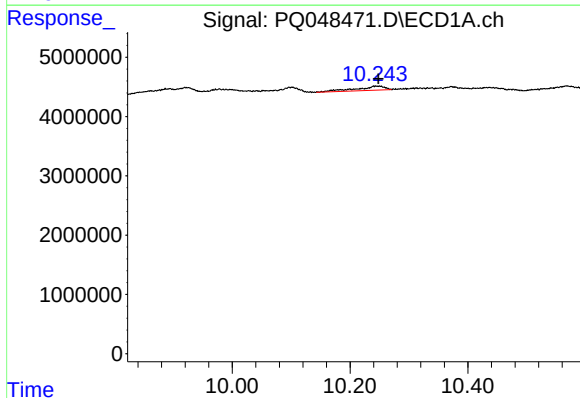
R.T.: 9.894 min  
Delta R.T.: 0.002 min  
Response: 2507690  
Conc: 1.91 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
HD-01-061720



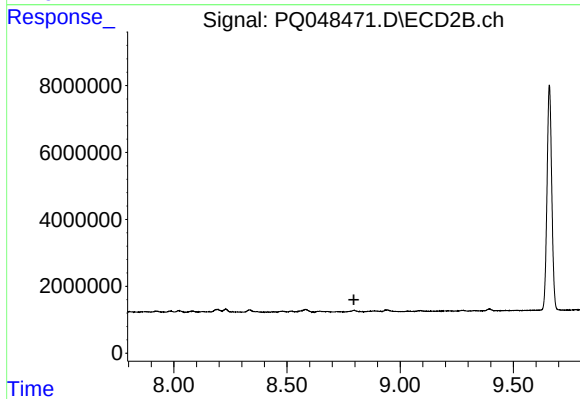
#41 AR-1268-1

R.T.: 0.000 min  
Exp R.T. : 8.520 min  
Response: 0  
Conc: N.D.



#43 AR-1268-3

R.T.: 10.244 min  
Delta R.T.: -0.004 min  
Response: 2350830  
Conc: 2.25 ng/ml



#43 AR-1268-3

R.T.: 0.000 min  
Exp R.T. : 8.796 min  
Response: 0  
Conc: N.D.