

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Data\PQ111924\  
 Data File : PQ069489.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 19 Nov 2024 17:43  
 Operator : YP\AJ  
 Sample : P4872-12  
 Misc :  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 ECD\_Q  
 ClientSampleId :  
 E29Y0

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Nov 20 05:55:05 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Method\PQ111824CLP.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Tue Nov 19 03:24:00 2024  
 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... | 3.336  | 2.738  | 82566570 | 154.7E6 | 11.381 | 14.298 # |
| 2)                          | SA Decachlor... | 8.472  | 7.477  | 75026266 | 220.4E6 | 27.576 | 32.848   |
| Target Compounds            |                 |        |        |          |         |        |          |
| 3)                          | L1 AR-1016-1    | 4.391f | 3.723  | 6511427  | 1088420 | 29.176 | 2.992 #  |
| 4)                          | L1 AR-1016-2    | 4.391f | 3.723  | 6511427  | 1088420 | 19.344 | 2.026 #  |
| 5)                          | L1 AR-1016-3    | 4.518  | 0.000  | 12483212 | 0       | 60.455 | N.D. #   |
| 6)                          | L1 AR-1016-4    | 4.612  | 0.000  | 1621930  | 0       | 9.473  | N.D. #   |
| 7)                          | L1 AR-1016-5    | 0.000  | 4.133  | 0        | 2009533 | N.D.   | 6.753 #  |
| 8)                          | L2 AR-1221-1    | 3.519  | 3.004f | 966576   | 2145140 | 12.164 | 16.845 # |
| 9)                          | L2 AR-1221-2    | 3.610  | 3.004  | 1176622  | 2145140 | 21.805 | 23.879   |
| 12)                         | L3 AR-1232-2    | 4.179  | 3.723  | 3460306  | 1088420 | 43.507 | 4.228 #  |
| 13)                         | L3 AR-1232-3    | 4.391f | 0.000  | 6511427  | 0       | 44.895 | N.D. #   |
| 14)                         | L3 AR-1232-4    | 4.612  | 0.000  | 1621930  | 0       | 21.866 | N.D. #   |
| 15)                         | L3 AR-1232-5    | 0.000  | 4.133  | 0        | 2009533 | N.D.   | 15.795 # |
| 16)                         | L4 AR-1242-1    | 4.391f | 3.723  | 6511427  | 1088420 | 37.761 | 3.422 #  |
| 17)                         | L4 AR-1242-2    | 4.391f | 3.723  | 6511427  | 1088420 | 24.688 | 2.317 #  |
| 18)                         | L4 AR-1242-3    | 4.518  | 0.000  | 12483212 | 0       | 76.352 | N.D. #   |
| 19)                         | L4 AR-1242-4    | 4.612  | 0.000  | 1621930  | 0       | 11.900 | N.D. #   |
| 20)                         | L4 AR-1242-5    | 5.369f | 0.000  | 12844960 | 0       | 90.379 | N.D. #   |
| 21)                         | L5 AR-1248-1    | 4.391f | 3.723  | 6511427  | 1088420 | 52.286 | 4.461 #  |
| 24)                         | L5 AR-1248-4    | 0.000  | 4.133  | 0        | 2009533 | N.D.   | 4.856 #  |
| 25)                         | L5 AR-1248-5    | 5.369f | 0.000  | 12844960 | 0       | 53.435 | N.D. #   |
| 27)                         | L6 AR-1254-2    | 5.457  | 4.610  | 17739911 | 5406260 | 47.207 | 9.846 #  |
| 28)                         | L6 AR-1254-3    | 5.819  | 5.017  | 5318373  | 1384176 | 12.760 | 1.542 #  |
| 29)                         | L6 AR-1254-4    | 6.117  | 0.000  | 18649590 | 0       | 58.802 | N.D. #   |
| 30)                         | L6 AR-1254-5    | 6.515  | 5.622  | 11458980 | 4272599 | 33.664 | 5.123 #  |
| 31)                         | L7 AR-1260-1    | 5.939f | 5.130  | 3179208  | 1275164 | 10.373 | 2.290 #  |
| 32)                         | L7 AR-1260-2    | 6.241  | 5.312  | 11410190 | 6203101 | 30.332 | 9.035 #  |
| 33)                         | L7 AR-1260-3    | 6.589  | 5.472  | 12073695 | 2852270 | 43.470 | 4.334 #  |
| 34)                         | L7 AR-1260-4    | 6.750f | 5.941  | 20974228 | 319201  | 67.279 | 0.556 #  |
| 35)                         | L7 AR-1260-5    | 7.082  | 6.170  | 448719   | 1076311 | 0.692  | 0.793    |
| 36)                         | L8 AR-1262-1    | 6.750f | 5.622f | 20974228 | 4272599 | 56.087 | 4.788 #  |
| 37)                         | L8 AR-1262-2    | 7.154f | 5.941  | 5456319  | 319201  | 7.631  | 0.385 #  |
| 40)                         | L8 AR-1262-5    | 0.000  | 7.061f | 0        | 4060030 | N.D.   | 6.838 #  |
| 43)                         | L9 AR-1268-3    | 0.000  | 6.707  | 0        | 2650465 | N.D.   | 1.755 #  |
| 44)                         | L9 AR-1268-4    | 0.000  | 7.061f | 0        | 4060030 | N.D.   | 6.316 #  |
| 45)                         | L9 AR-1268-5    | 0.000  | 7.272  | 0        | 5428747 | N.D.   | 1.125 #  |
| -----                       |                 |        |        |          |         |        |          |

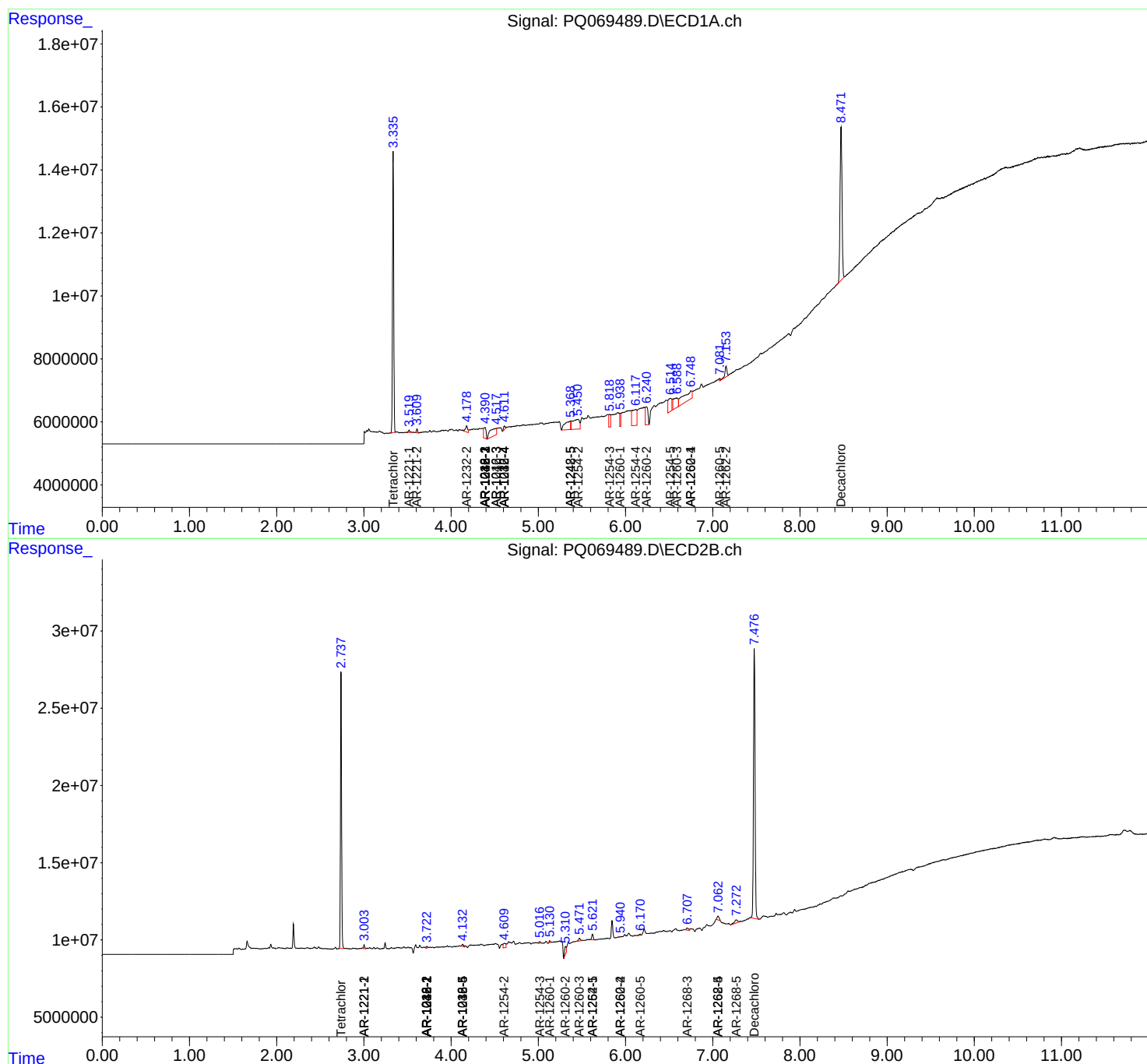
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

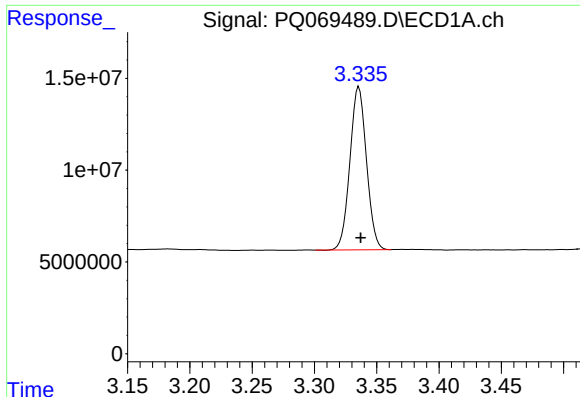
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Data\PQ111924\  
Data File : PQ069489.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 19 Nov 2024 17:43  
Operator : YP\AJ  
Sample : P4872-12  
Misc :  
ALS Vial : 21 Sample Multiplier: 1

Instrument :  
ECD\_Q  
ClientSampleId :  
E29Y0

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Nov 20 05:55:05 2024  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Method\PQ111824CLP.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Tue Nov 19 03:24:00 2024  
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

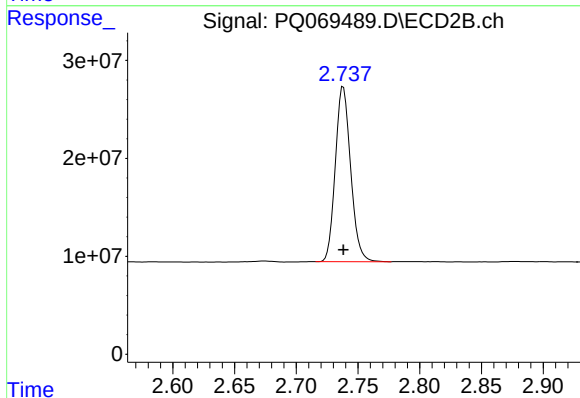




#1 Tetrachloro-m-xylene

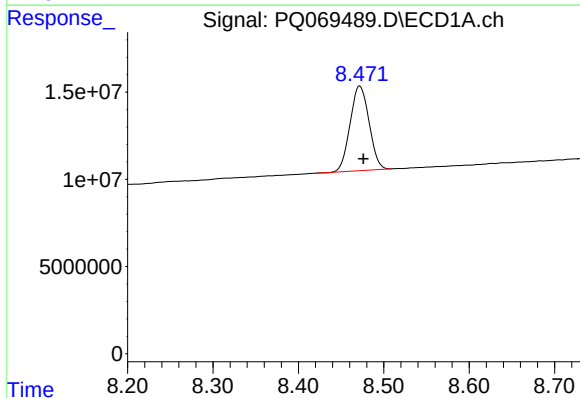
R.T.: 3.336 min  
Delta R.T.: -0.001 min  
Response: 82566570  
Conc: 11.38 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
E29Y0



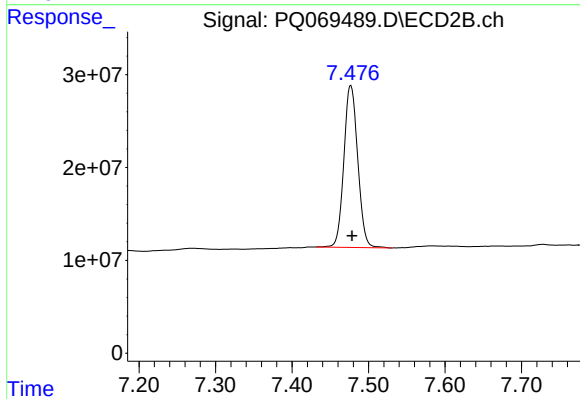
#1 Tetrachloro-m-xylene

R.T.: 2.738 min  
Delta R.T.: 0.000 min  
Response: 154685823  
Conc: 14.30 ng/ml



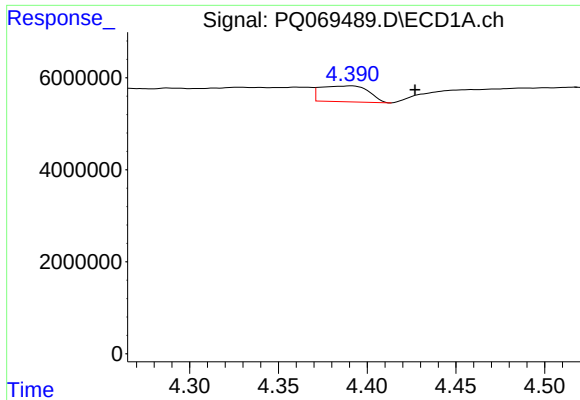
#2 Decachlorobiphenyl

R.T.: 8.472 min  
Delta R.T.: -0.004 min  
Response: 75026266  
Conc: 27.58 ng/ml



#2 Decachlorobiphenyl

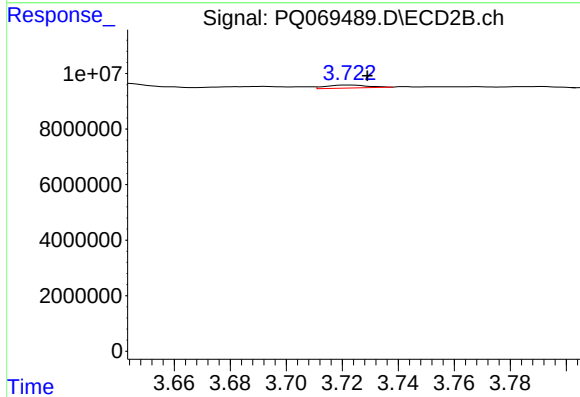
R.T.: 7.477 min  
Delta R.T.: -0.002 min  
Response: 220400641  
Conc: 32.85 ng/ml



#3 AR-1016-1

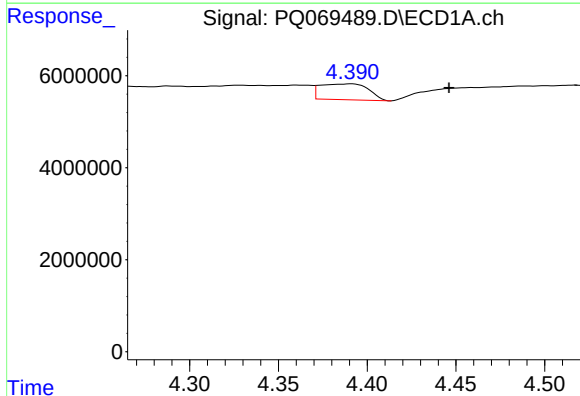
R.T.: 4.391 min  
Delta R.T.: -0.036 min  
Response: 6511427  
Conc: 29.18 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
E29Y0



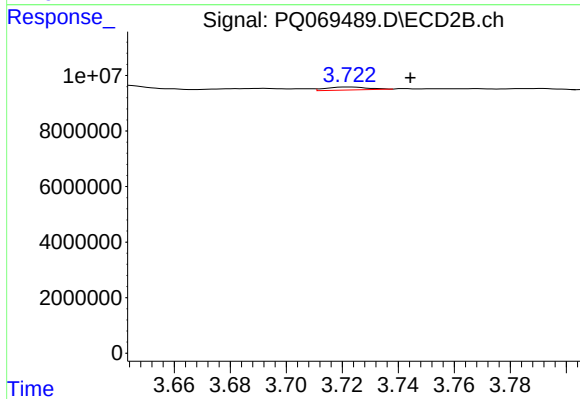
#3 AR-1016-1

R.T.: 3.723 min  
Delta R.T.: -0.006 min  
Response: 1088420  
Conc: 2.99 ng/ml



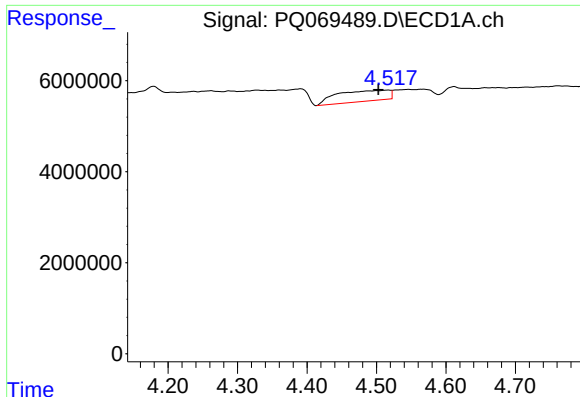
#4 AR-1016-2

R.T.: 4.391 min  
Delta R.T.: -0.055 min  
Response: 6511427  
Conc: 19.34 ng/ml



#4 AR-1016-2

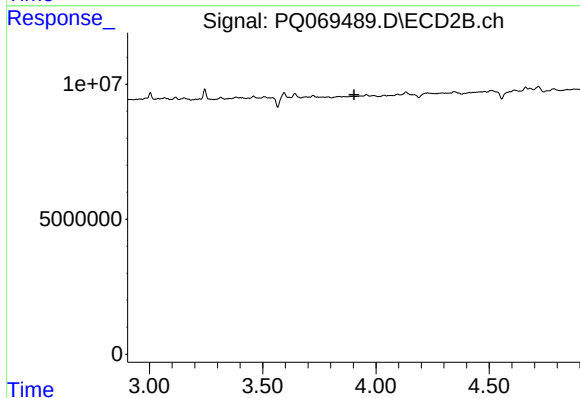
R.T.: 3.723 min  
Delta R.T.: -0.022 min  
Response: 1088420  
Conc: 2.03 ng/ml



#5 AR-1016-3

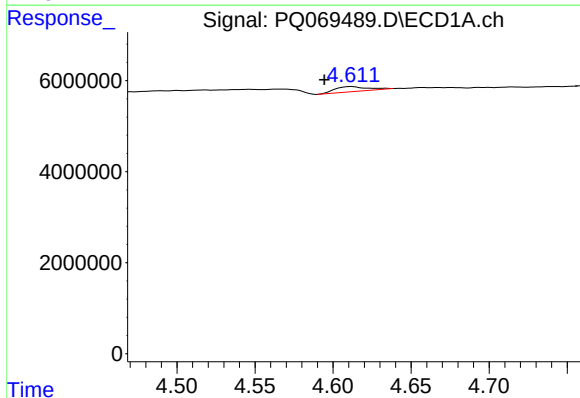
R.T.: 4.518 min  
Delta R.T.: 0.015 min  
Response: 12483212  
Conc: 60.45 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
E29Y0



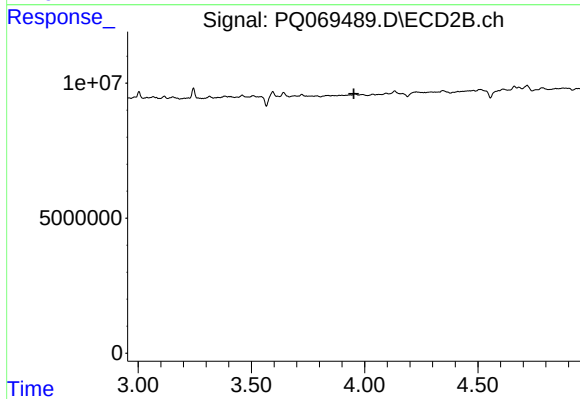
#5 AR-1016-3

R.T.: 0.000 min  
Exp R.T. : 3.903 min  
Response: 0  
Conc: N.D.



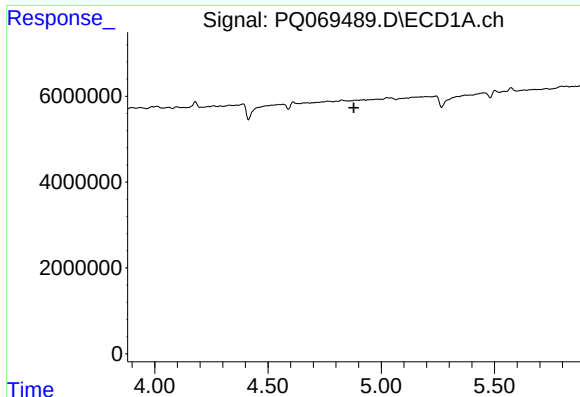
#6 AR-1016-4

R.T.: 4.612 min  
Delta R.T.: 0.017 min  
Response: 1621930  
Conc: 9.47 ng/ml



#6 AR-1016-4

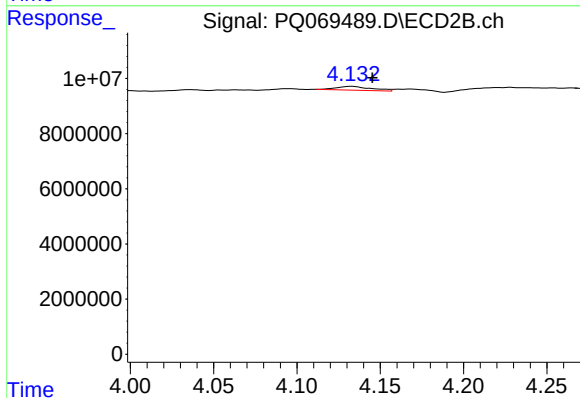
R.T.: 0.000 min  
Exp R.T. : 3.952 min  
Response: 0  
Conc: N.D.



#7 AR-1016-5

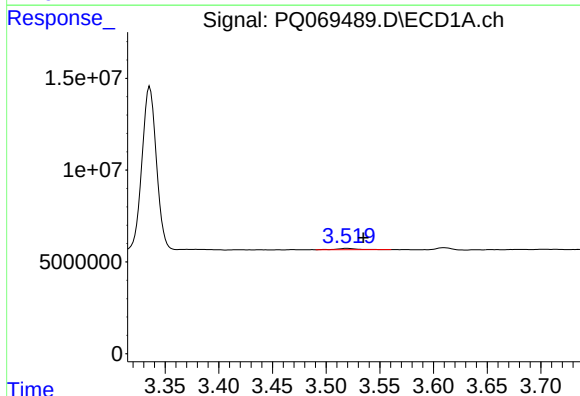
R.T.: 0.000 min  
Exp R.T.: 4.879 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :  
E29Y0



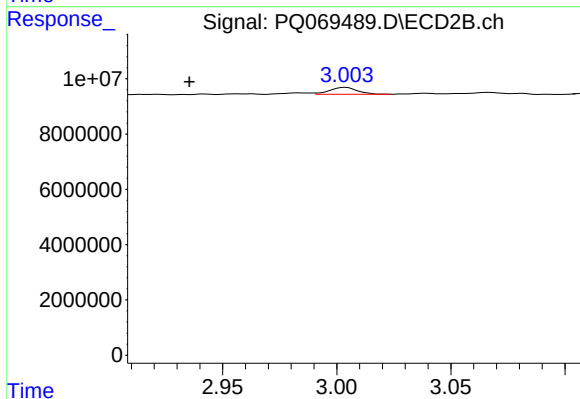
#7 AR-1016-5

R.T.: 4.133 min  
Delta R.T.: -0.012 min  
Response: 2009533  
Conc: 6.75 ng/ml



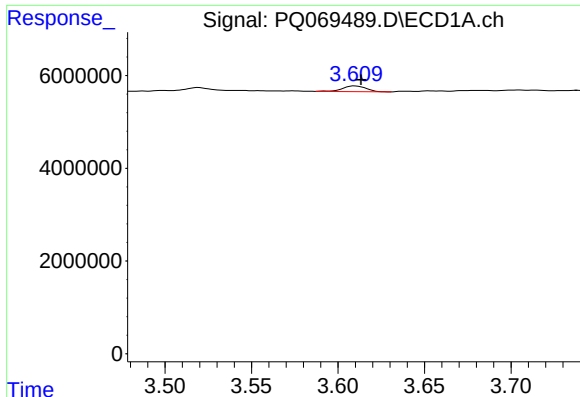
#8 AR-1221-1

R.T.: 3.519 min  
Delta R.T.: -0.015 min  
Response: 966576  
Conc: 12.16 ng/ml



#8 AR-1221-1

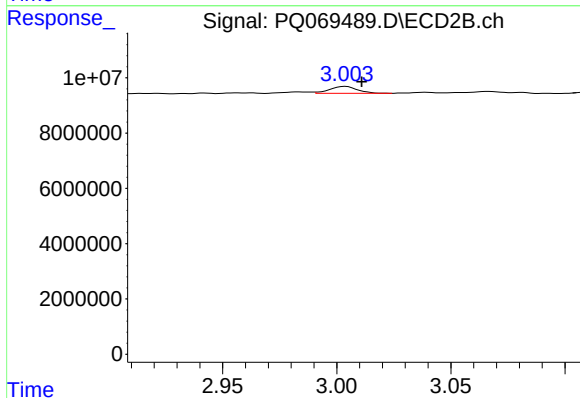
R.T.: 3.004 min  
Delta R.T.: 0.069 min  
Response: 2145140  
Conc: 16.85 ng/ml



#9 AR-1221-2

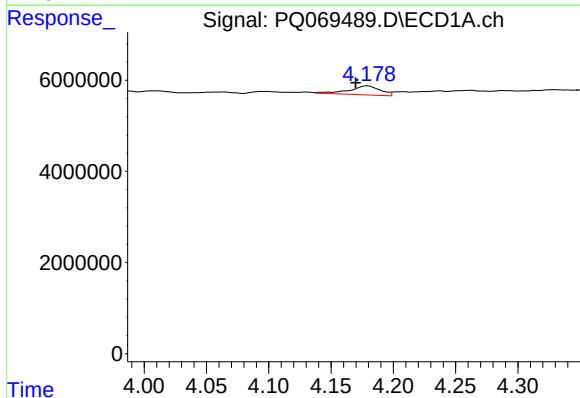
R.T.: 3.610 min  
Delta R.T.: -0.004 min  
Response: 1176622  
Conc: 21.81 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
E29Y0



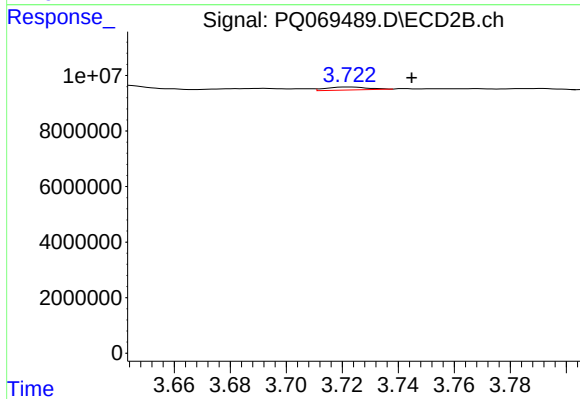
#9 AR-1221-2

R.T.: 3.004 min  
Delta R.T.: -0.007 min  
Response: 2145140  
Conc: 23.88 ng/ml



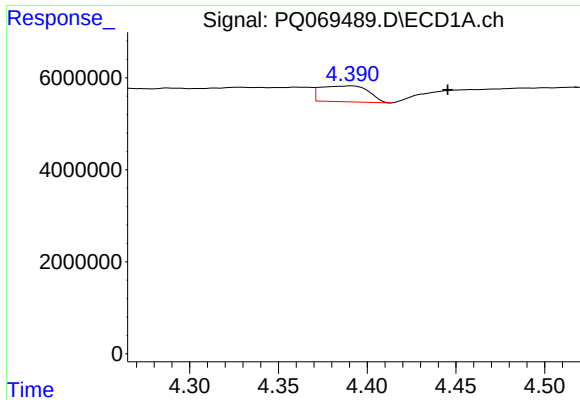
#12 AR-1232-2

R.T.: 4.179 min  
Delta R.T.: 0.009 min  
Response: 3460306  
Conc: 43.51 ng/ml



#12 AR-1232-2

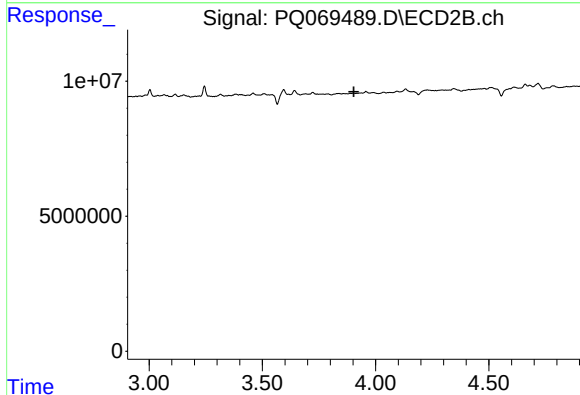
R.T.: 3.723 min  
Delta R.T.: -0.022 min  
Response: 1088420  
Conc: 4.23 ng/ml



#13 AR-1232-3

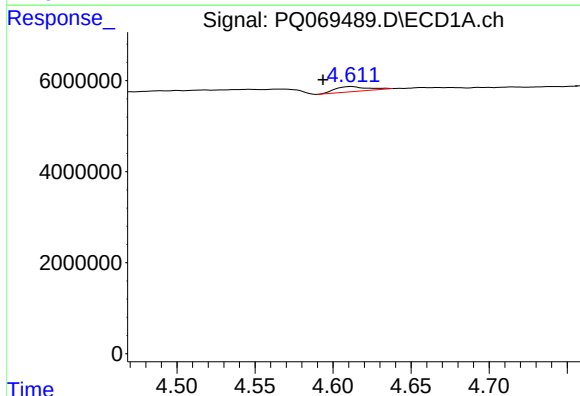
R.T.: 4.391 min  
Delta R.T.: -0.054 min  
Response: 6511427  
Conc: 44.89 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
E29Y0



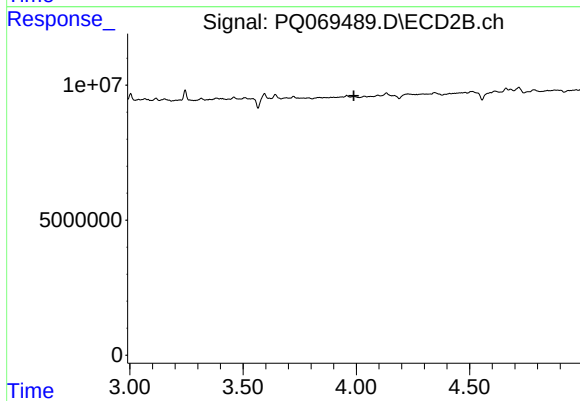
#13 AR-1232-3

R.T.: 0.000 min  
Exp R.T. : 3.904 min  
Response: 0  
Conc: N.D.



#14 AR-1232-4

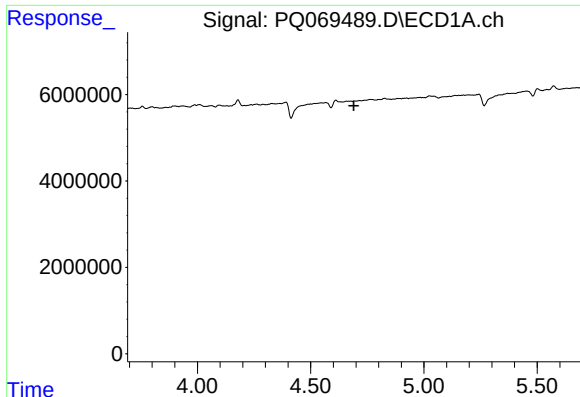
R.T.: 4.612 min  
Delta R.T.: 0.018 min  
Response: 1621930  
Conc: 21.87 ng/ml



#14 AR-1232-4

R.T.: 0.000 min  
Exp R.T. : 3.989 min  
Response: 0  
Conc: N.D.

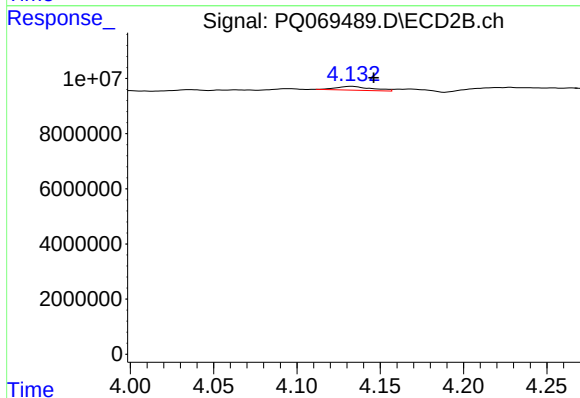




#15 AR-1232-5

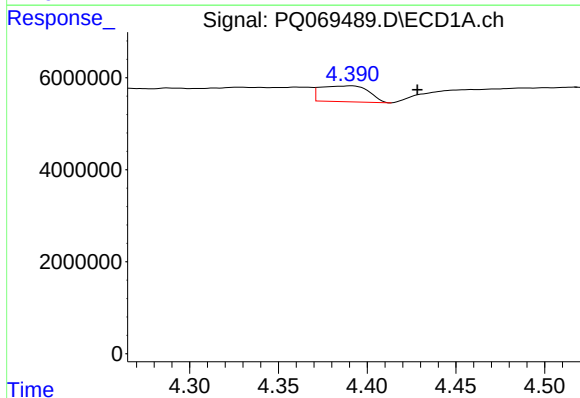
R.T.: 0.000 min  
Exp R.T.: 4.690 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :  
E29Y0



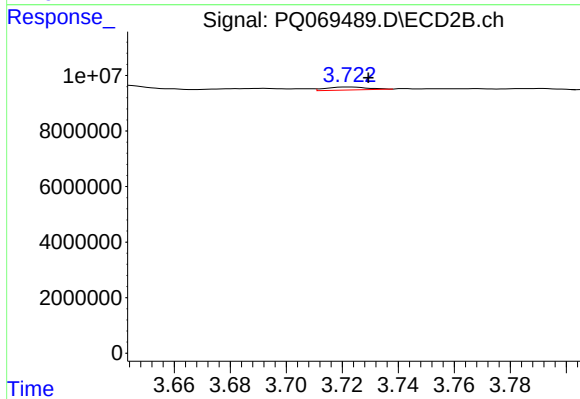
#15 AR-1232-5

R.T.: 4.133 min  
Delta R.T.: -0.013 min  
Response: 2009533  
Conc: 15.80 ng/ml



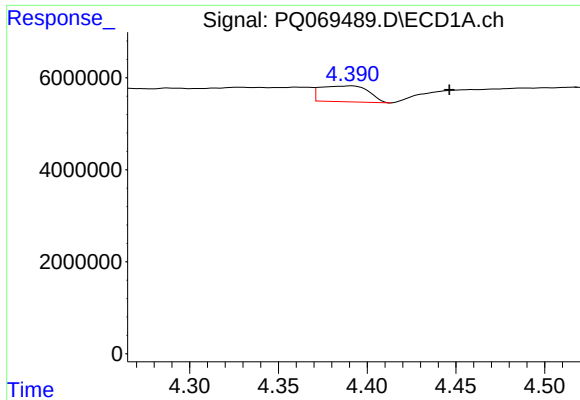
#16 AR-1242-1

R.T.: 4.391 min  
Delta R.T.: -0.037 min  
Response: 6511427  
Conc: 37.76 ng/ml



#16 AR-1242-1

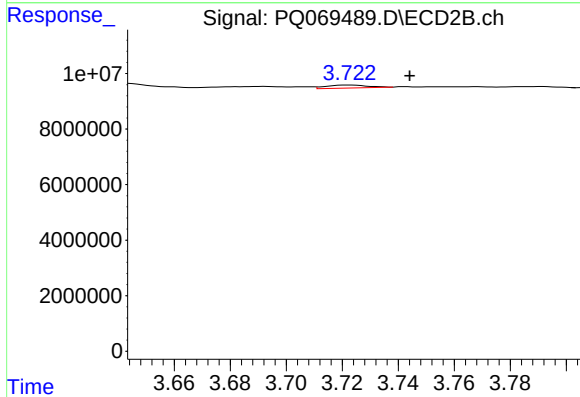
R.T.: 3.723 min  
Delta R.T.: -0.007 min  
Response: 1088420  
Conc: 3.42 ng/ml



#17 AR-1242-2

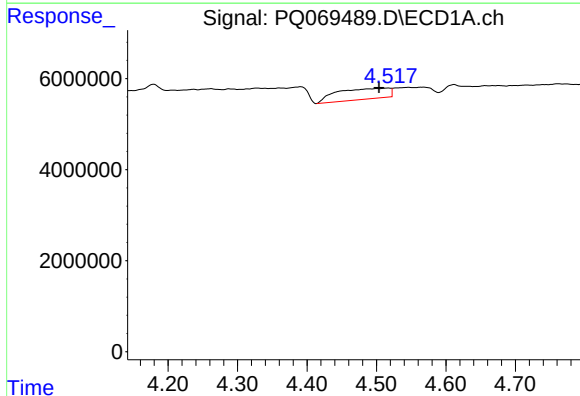
R.T.: 4.391 min  
Delta R.T.: -0.055 min  
Response: 6511427  
Conc: 24.69 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
E29Y0



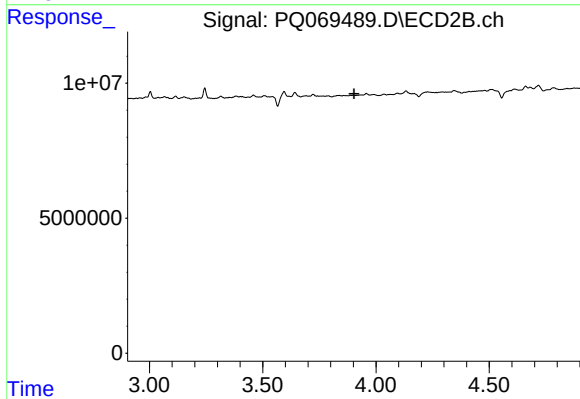
#17 AR-1242-2

R.T.: 3.723 min  
Delta R.T.: -0.021 min  
Response: 1088420  
Conc: 2.32 ng/ml



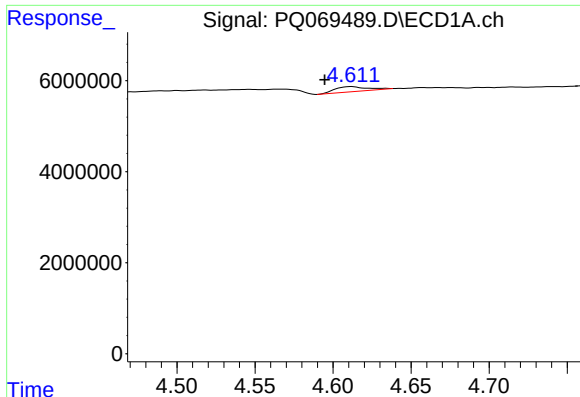
#18 AR-1242-3

R.T.: 4.518 min  
Delta R.T.: 0.014 min  
Response: 12483212  
Conc: 76.35 ng/ml



#18 AR-1242-3

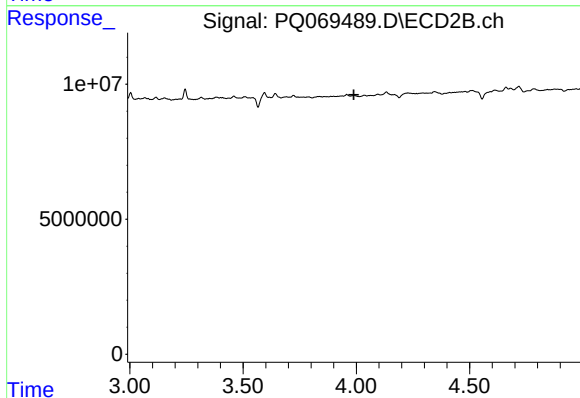
R.T.: 0.000 min  
Exp R.T.: 3.903 min  
Response: 0  
Conc: N.D.



#19 AR-1242-4

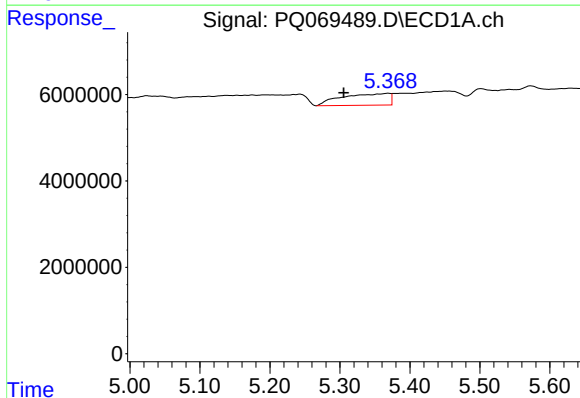
R.T.: 4.612 min  
Delta R.T.: 0.017 min  
Response: 1621930  
Conc: 11.90 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
E29Y0



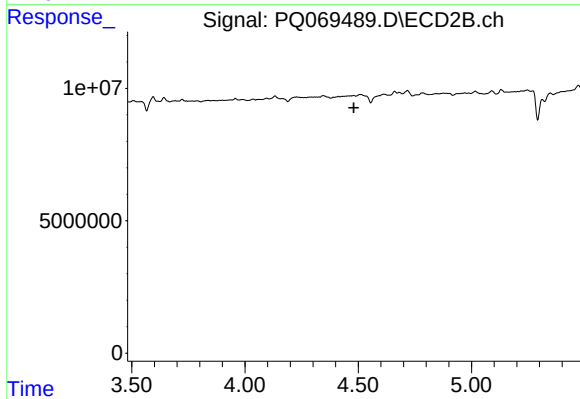
#19 AR-1242-4

R.T.: 0.000 min  
Exp R.T. : 3.989 min  
Response: 0  
Conc: N.D.



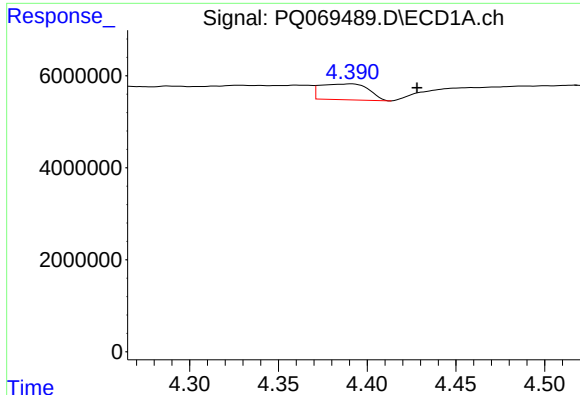
#20 AR-1242-5

R.T.: 5.369 min  
Delta R.T.: 0.063 min  
Response: 12844960  
Conc: 90.38 ng/ml



#20 AR-1242-5

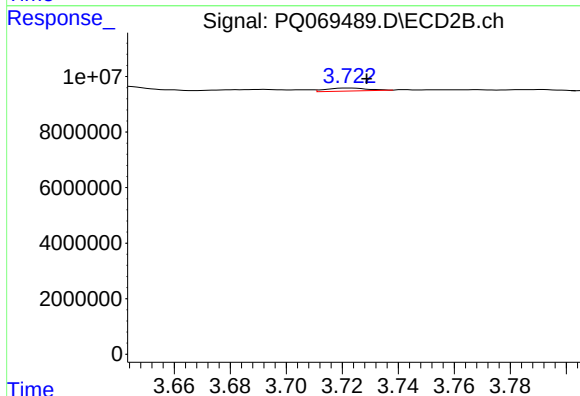
R.T.: 0.000 min  
Exp R.T. : 4.481 min  
Response: 0  
Conc: N.D.



#21 AR-1248-1

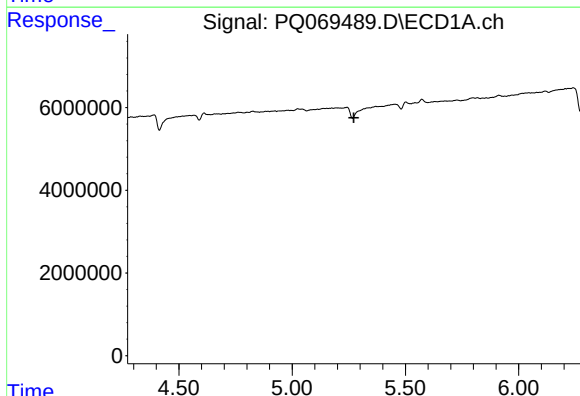
R.T.: 4.391 min  
Delta R.T.: -0.037 min  
Response: 6511427  
Conc: 52.29 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
E29Y0



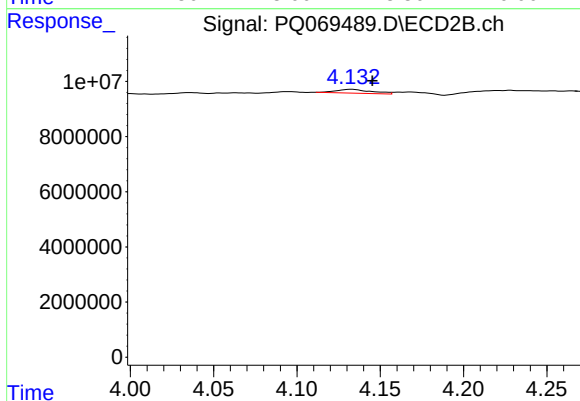
#21 AR-1248-1

R.T.: 3.723 min  
Delta R.T.: -0.006 min  
Response: 1088420  
Conc: 4.46 ng/ml



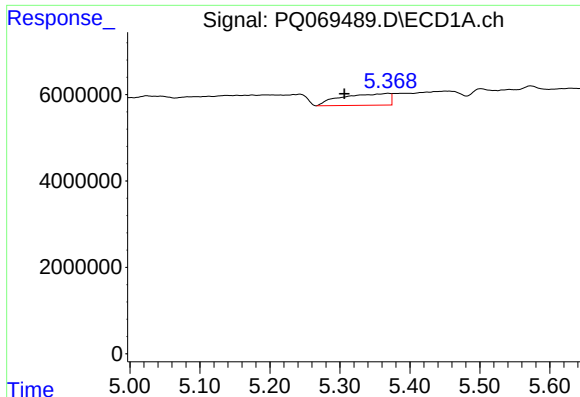
#24 AR-1248-4

R.T.: 0.000 min  
Exp R.T. : 5.272 min  
Response: 0  
Conc: N.D.



#24 AR-1248-4

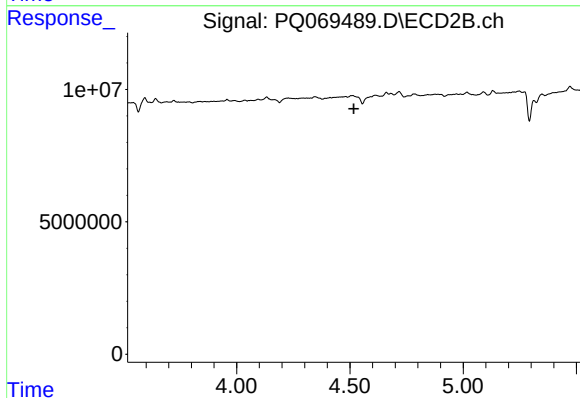
R.T.: 4.133 min  
Delta R.T.: -0.012 min  
Response: 2009533  
Conc: 4.86 ng/ml



#25 AR-1248-5

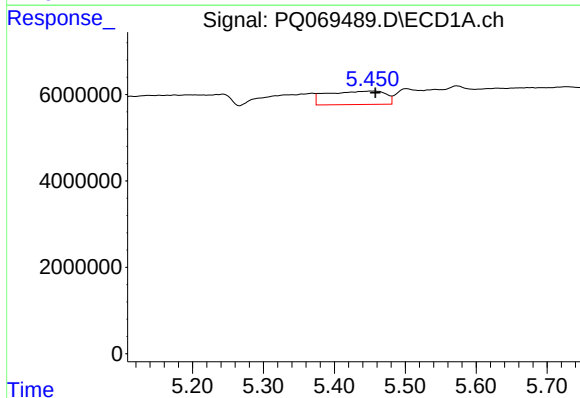
R.T.: 5.369 min  
Delta R.T.: 0.063 min  
Response: 12844960  
Conc: 53.44 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
E29Y0



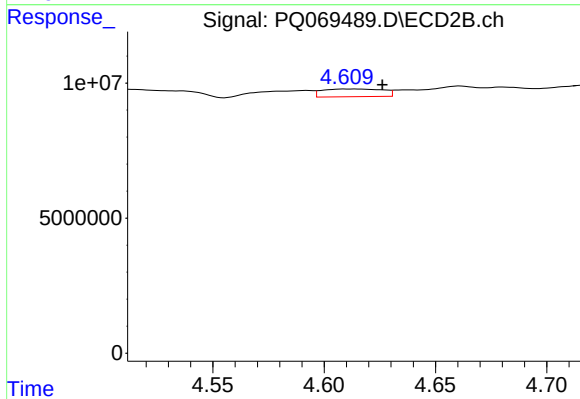
#25 AR-1248-5

R.T.: 0.000 min  
Exp R.T. : 4.517 min  
Response: 0  
Conc: N.D.



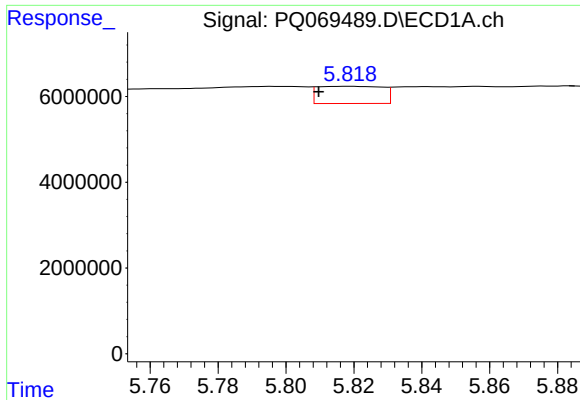
#27 AR-1254-2

R.T.: 5.457 min  
Delta R.T.: -0.001 min  
Response: 17739911  
Conc: 47.21 ng/ml



#27 AR-1254-2

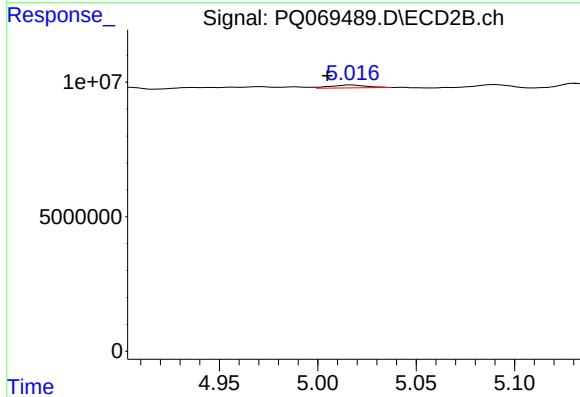
R.T.: 4.610 min  
Delta R.T.: -0.016 min  
Response: 5406260  
Conc: 9.85 ng/ml



#28 AR-1254-3

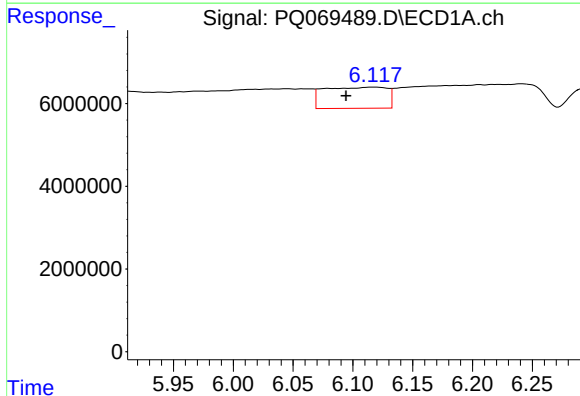
R.T.: 5.819 min  
Delta R.T.: 0.009 min  
Response: 5318373  
Conc: 12.76 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
E29Y0



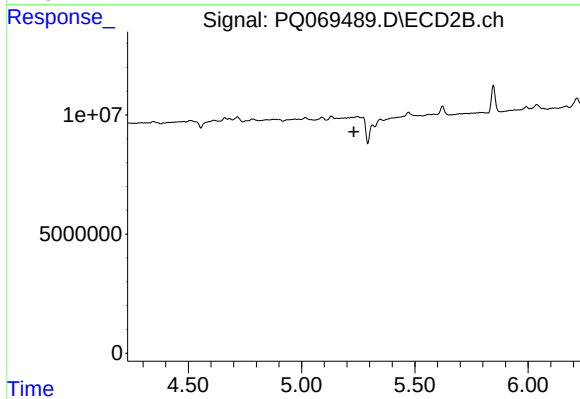
#28 AR-1254-3

R.T.: 5.017 min  
Delta R.T.: 0.012 min  
Response: 1384176  
Conc: 1.54 ng/ml



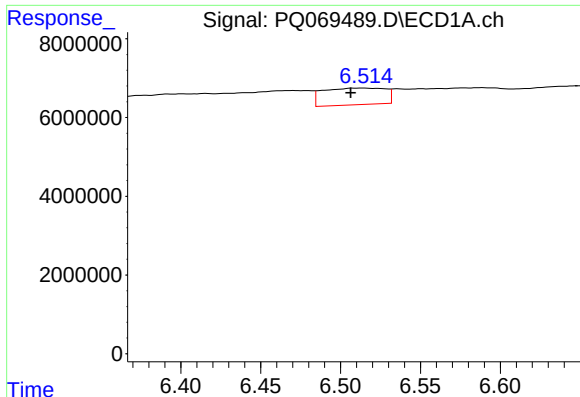
#29 AR-1254-4

R.T.: 6.117 min  
Delta R.T.: 0.023 min  
Response: 18649590  
Conc: 58.80 ng/ml



#29 AR-1254-4

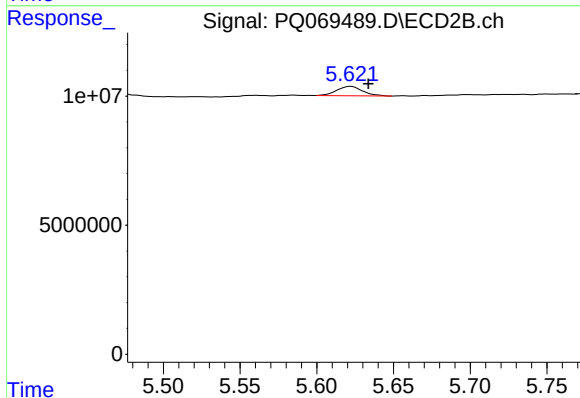
R.T.: 0.000 min  
Exp R.T.: 5.231 min  
Response: 0  
Conc: N.D.



#30 AR-1254-5

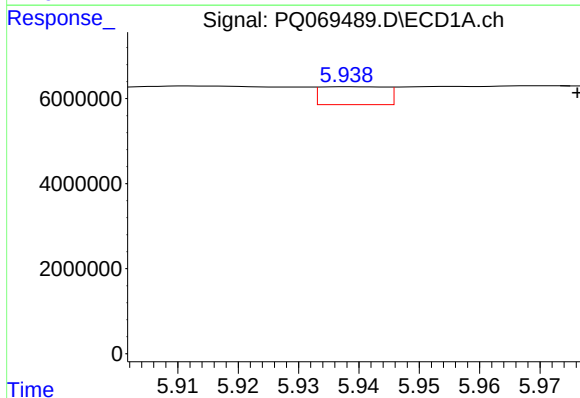
R.T.: 6.515 min  
Delta R.T.: 0.008 min  
Response: 11458980  
Conc: 33.66 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
E29Y0



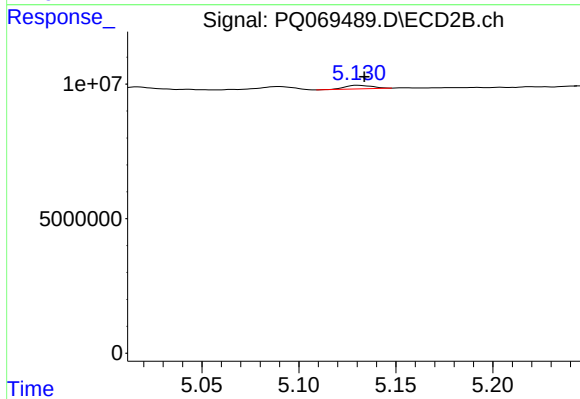
#30 AR-1254-5

R.T.: 5.622 min  
Delta R.T.: -0.012 min  
Response: 4272599  
Conc: 5.12 ng/ml



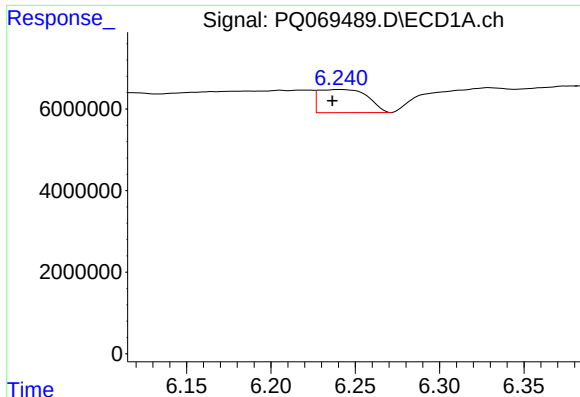
#31 AR-1260-1

R.T.: 5.939 min  
Delta R.T.: -0.038 min  
Response: 3179208  
Conc: 10.37 ng/ml



#31 AR-1260-1

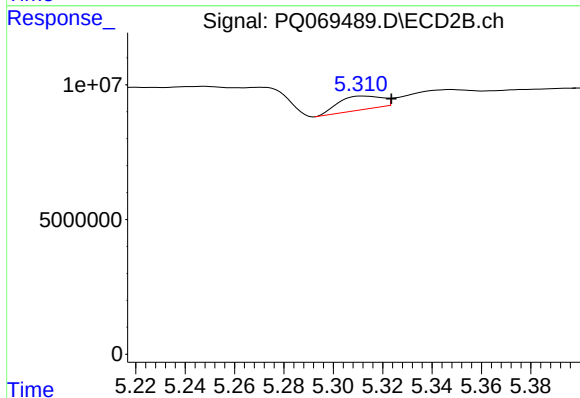
R.T.: 5.130 min  
Delta R.T.: -0.003 min  
Response: 1275164  
Conc: 2.29 ng/ml



#32 AR-1260-2

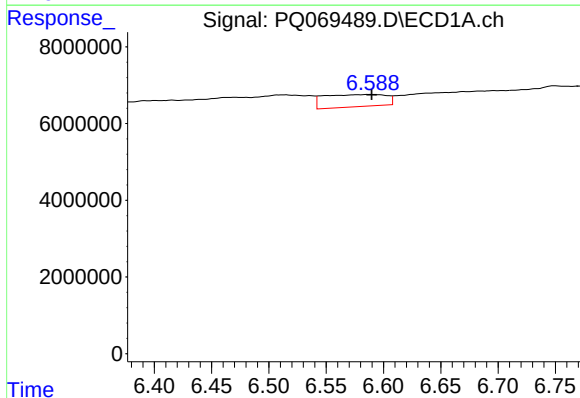
R.T.: 6.241 min  
Delta R.T.: 0.004 min  
Response: 11410190  
Conc: 30.33 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
E29Y0



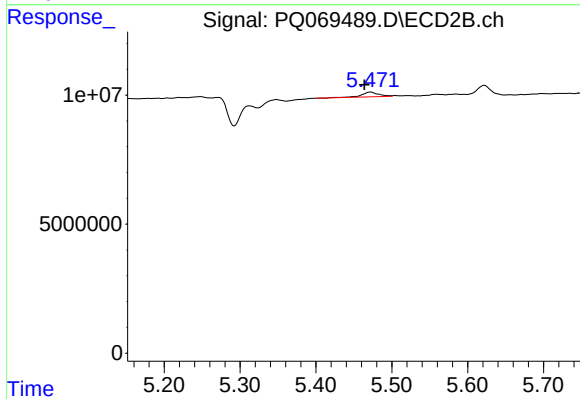
#32 AR-1260-2

R.T.: 5.312 min  
Delta R.T.: -0.012 min  
Response: 6203101  
Conc: 9.03 ng/ml



#33 AR-1260-3

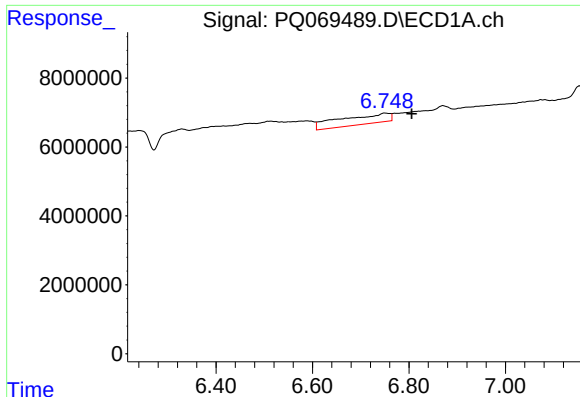
R.T.: 6.589 min  
Delta R.T.: -0.001 min  
Response: 12073695  
Conc: 43.47 ng/ml



#33 AR-1260-3

R.T.: 5.472 min  
Delta R.T.: 0.008 min  
Response: 2852270  
Conc: 4.33 ng/ml

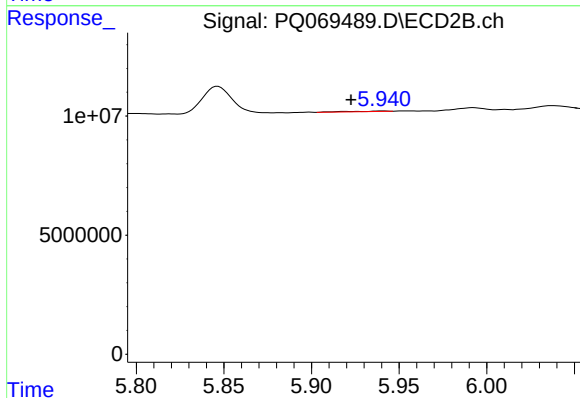




#34 AR-1260-4

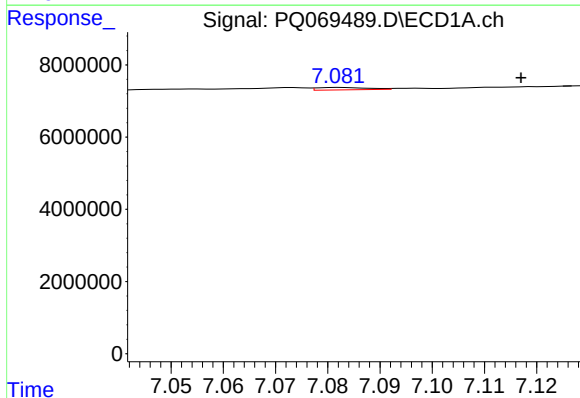
R.T.: 6.750 min  
Delta R.T.: -0.057 min  
Response: 20974228  
Conc: 67.28 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
E29Y0



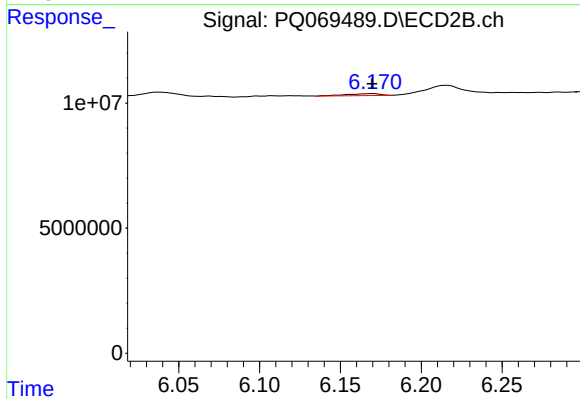
#34 AR-1260-4

R.T.: 5.941 min  
Delta R.T.: 0.018 min  
Response: 319201  
Conc: 0.56 ng/ml



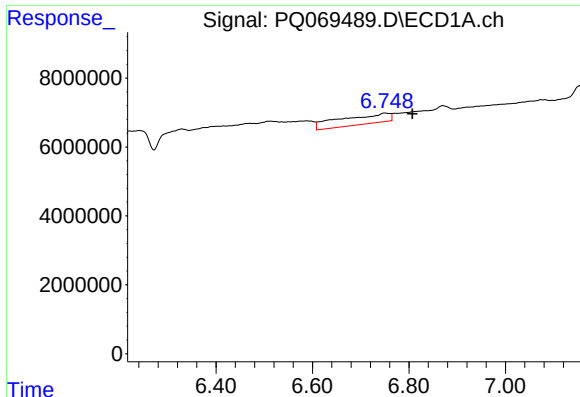
#35 AR-1260-5

R.T.: 7.082 min  
Delta R.T.: -0.035 min  
Response: 448719  
Conc: 0.69 ng/ml



#35 AR-1260-5

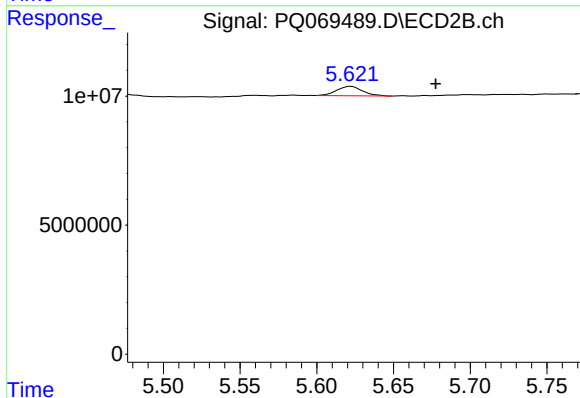
R.T.: 6.170 min  
Delta R.T.: 0.000 min  
Response: 1076311  
Conc: 0.79 ng/ml



#36 AR-1262-1

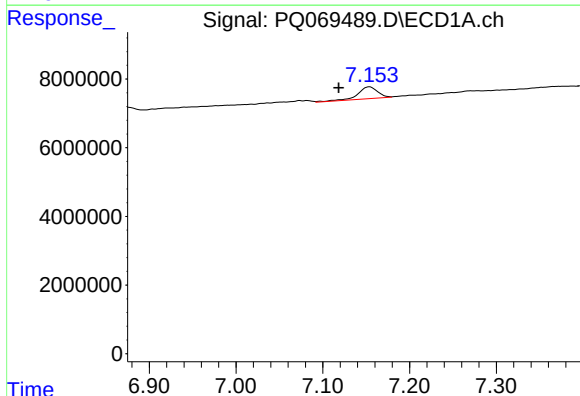
R.T.: 6.750 min  
Delta R.T.: -0.058 min  
Response: 20974228  
Conc: 56.09 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
E29Y0



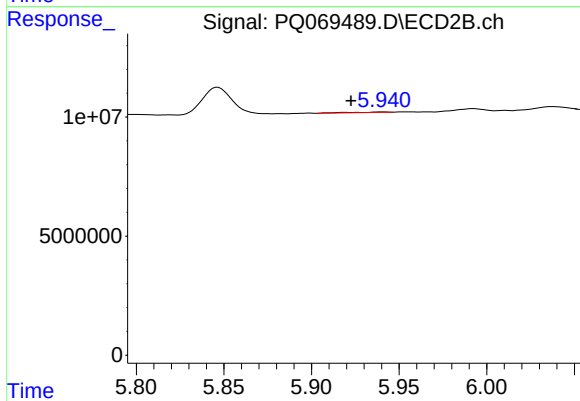
#36 AR-1262-1

R.T.: 5.622 min  
Delta R.T.: -0.056 min  
Response: 4272599  
Conc: 4.79 ng/ml



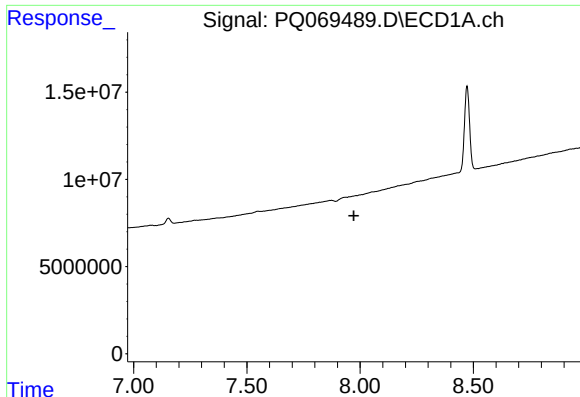
#37 AR-1262-2

R.T.: 7.154 min  
Delta R.T.: 0.036 min  
Response: 5456319  
Conc: 7.63 ng/ml



#37 AR-1262-2

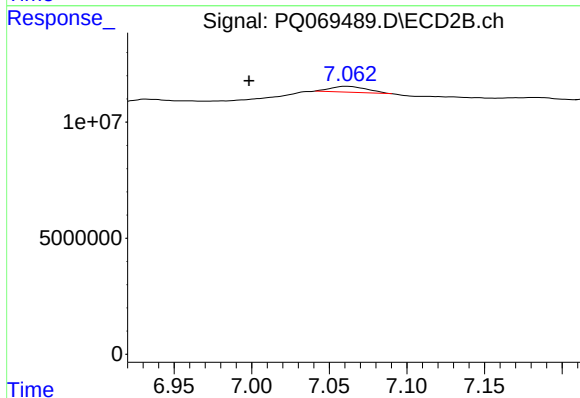
R.T.: 5.941 min  
Delta R.T.: 0.018 min  
Response: 319201  
Conc: 0.38 ng/ml



#40 AR-1262-5

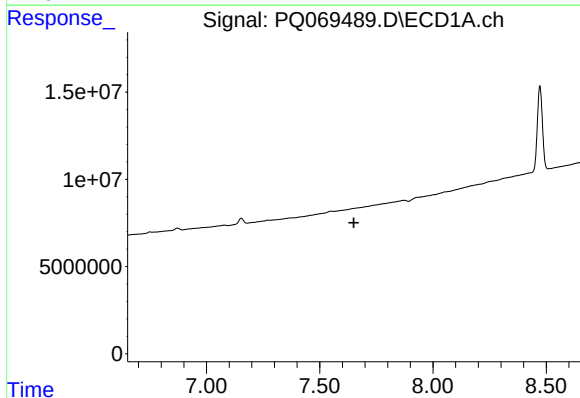
R.T.: 0.000 min  
Exp R.T.: 7.973 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :  
E29Y0



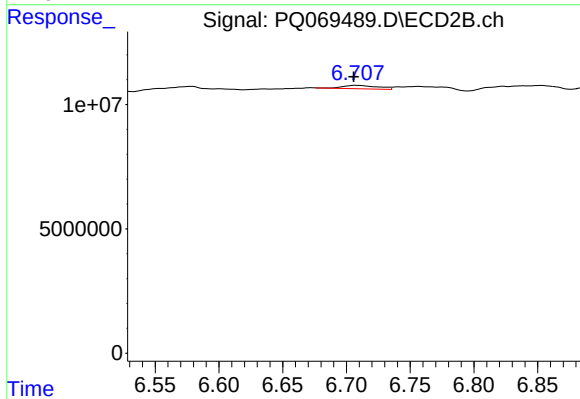
#40 AR-1262-5

R.T.: 7.061 min  
Delta R.T.: 0.063 min  
Response: 4060030  
Conc: 6.84 ng/ml



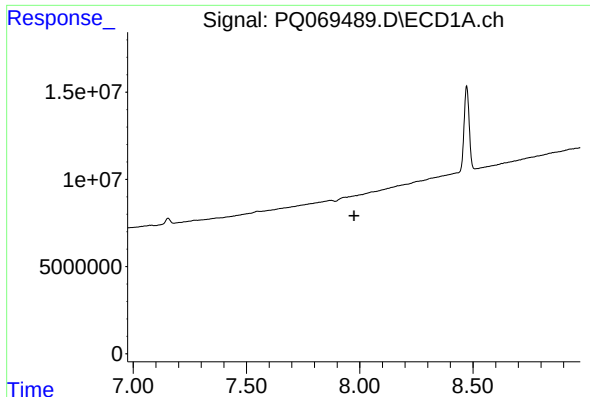
#43 AR-1268-3

R.T.: 0.000 min  
Exp R.T.: 7.651 min  
Response: 0  
Conc: N.D.



#43 AR-1268-3

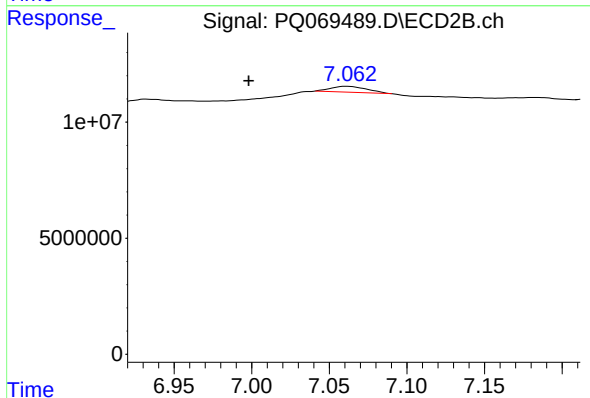
R.T.: 6.707 min  
Delta R.T.: 0.002 min  
Response: 2650465  
Conc: 1.75 ng/ml



#44 AR-1268-4

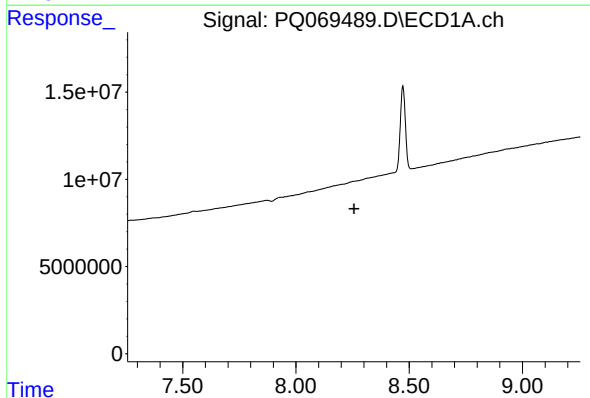
R.T.: 0.000 min  
Exp R.T.: 7.975 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :  
E29Y0



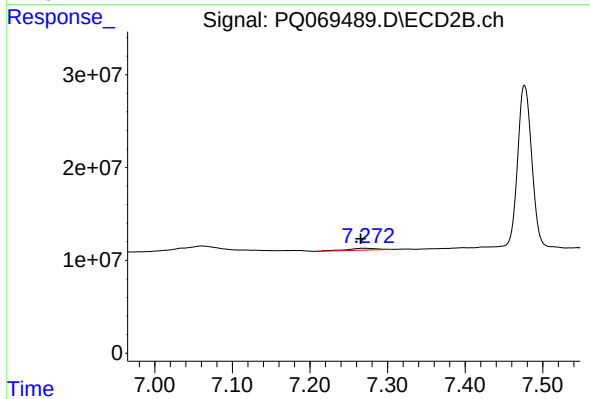
#44 AR-1268-4

R.T.: 7.061 min  
Delta R.T.: 0.063 min  
Response: 4060030  
Conc: 6.32 ng/ml



#45 AR-1268-5

R.T.: 0.000 min  
Exp R.T.: 8.257 min  
Response: 0  
Conc: N.D.



#45 AR-1268-5

R.T.: 7.272 min  
Delta R.T.: 0.006 min  
Response: 5428747  
Conc: 1.12 ng/ml