

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Data\PQ081820\  
 Data File : PQ049328.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 18 Aug 2020 09:05  
 Operator : DD\AJ  
 Sample : L3613-02  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 ECD\_Q  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Aug 19 03:43:57 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Method\PQ080620CLP.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Fri Aug 07 07:58:16 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... | 5.252  | 4.285 | 129.8E6  | 89262150 | 21.085 | 25.186   |
| 2)                          | SA Decachlor... | 11.482 | 9.642 | 458.5E6  | 263.6E6  | 48.805 | 56.704   |
| Target Compounds            |                 |        |       |          |          |        |          |
| 5)                          | L1 AR-1016-3    | 0.000  | 5.827 | 0        | 708709   | N.D.   | 6.853 #  |
| 6)                          | L1 AR-1016-4    | 0.000  | 5.827 | 0        | 708709   | N.D.   | 8.732 #  |
| 8)                          | L2 AR-1221-1    | 0.000  | 4.553 | 0        | 502501   | N.D.   | 11.021 # |
| 9)                          | L2 AR-1221-2    | 5.610  | 4.642 | 2281814  | 1426374  | 39.722 | 44.449   |
| 10)                         | L2 AR-1221-3    | 5.701  | 0.000 | 595791   | 0        | 3.184  | N.D. #   |
| 11)                         | L3 AR-1232-1    | 5.701  | 0.000 | 595791   | 0        | 3.955  | N.D. #   |
| 12)                         | L3 AR-1232-2    | 6.274  | 0.000 | 1568871  | 0        | 20.059 | N.D. #   |
| 13)                         | L3 AR-1232-3    | 0.000  | 5.827 | 0        | 708709   | N.D.   | 14.723 # |
| 14)                         | L3 AR-1232-4    | 0.000  | 5.827 | 0        | 708709   | N.D.   | 16.383 # |
| 18)                         | L4 AR-1242-3    | 0.000  | 5.827 | 0        | 708709   | N.D.   | 7.376 #  |
| 19)                         | L4 AR-1242-4    | 0.000  | 5.827 | 0        | 708709   | N.D.   | 7.470 #  |
| 20)                         | L4 AR-1242-5    | 7.567  | 6.445 | 3646590  | 3976427  | 17.915 | 28.593 # |
| 22)                         | L5 AR-1248-2    | 0.000  | 5.827 | 0        | 708709   | N.D.   | 5.678 #  |
| 23)                         | L5 AR-1248-3    | 7.062  | 5.827 | 683196   | 708709   | 2.674  | 5.500 #  |
| 24)                         | L5 AR-1248-4    | 7.505  | 6.075 | 13436380 | -2485210 | 42.068 | N.D. #   |
| 25)                         | L5 AR-1248-5    | 7.567  | 6.445 | 3646590  | 3976427  | 12.058 | 23.001 # |
| 26)                         | L6 AR-1254-1    | 7.505  | 6.445 | 13436380 | 3976427  | 41.686 | 14.618 # |
| 27)                         | L6 AR-1254-2    | 7.733  | 0.000 | 673242   | 0        | 1.329  | N.D. #   |
| 28)                         | L6 AR-1254-3    | 8.143  | 0.000 | 1110574  | 0        | 2.077  | N.D. #   |
| 29)                         | L6 AR-1254-4    | 8.375  | 7.304 | 8343061  | 1353844  | 17.816 | 5.019 #  |
| 30)                         | L6 AR-1254-5    | 8.870  | 0.000 | 1577403  | 0        | 3.288  | N.D. #   |
| 31)                         | L7 AR-1260-1    | 8.323  | 7.139 | 3275517  | 1011334  | 8.955  | 4.434 #  |
| 32)                         | L7 AR-1260-2    | 8.540  | 7.304 | 1002848  | 1353844  | 2.017  | 4.679 #  |
| 33)                         | L7 AR-1260-3    | 8.959  | 0.000 | 761653   | 0        | 1.811  | N.D. #   |
| 35)                         | L7 AR-1260-5    | 9.489  | 8.210 | 3542339  | 1591007  | 3.458  | 2.677    |
| 36)                         | L8 AR-1262-1    | 8.959  | 0.000 | 761653   | 0        | 1.059  | N.D. #   |
| 37)                         | L8 AR-1262-2    | 9.489  | 8.210 | 3542339  | 1591007  | 2.609  | 2.012    |
| 38)                         | L8 AR-1262-3    | 9.884  | 8.484 | 1264380  | 774511   | 1.956  | 2.403    |
| 39)                         | L8 AR-1262-4    | 9.884  | 8.538 | 1264380  | 2247813  | 1.721  | 3.814 #  |
| 40)                         | L8 AR-1262-5    | 10.692 | 9.012 | 4152625  | 238178   | 7.528  | 0.846 #  |
| 41)                         | L9 AR-1268-1    | 9.884  | 8.484 | 1264380  | 774511   | 0.735  | 0.838    |
| 42)                         | L9 AR-1268-2    | 9.884  | 8.538 | 1264380  | 2247813  | 0.804  | 2.612 #  |
| 43)                         | L9 AR-1268-3    | 10.187 | 8.781 | 4338445  | 3937083  | 3.139  | 5.468 #  |
| 44)                         | L9 AR-1268-4    | 10.692 | 9.012 | 4152625  | 238178   | 6.729  | 0.759 #  |
| 45)                         | L9 AR-1268-5    | 11.116 | 9.377 | 5849062  | 1863715  | 1.358  | 0.811 #  |
| -----                       |                 |        |       |          |          |        |          |

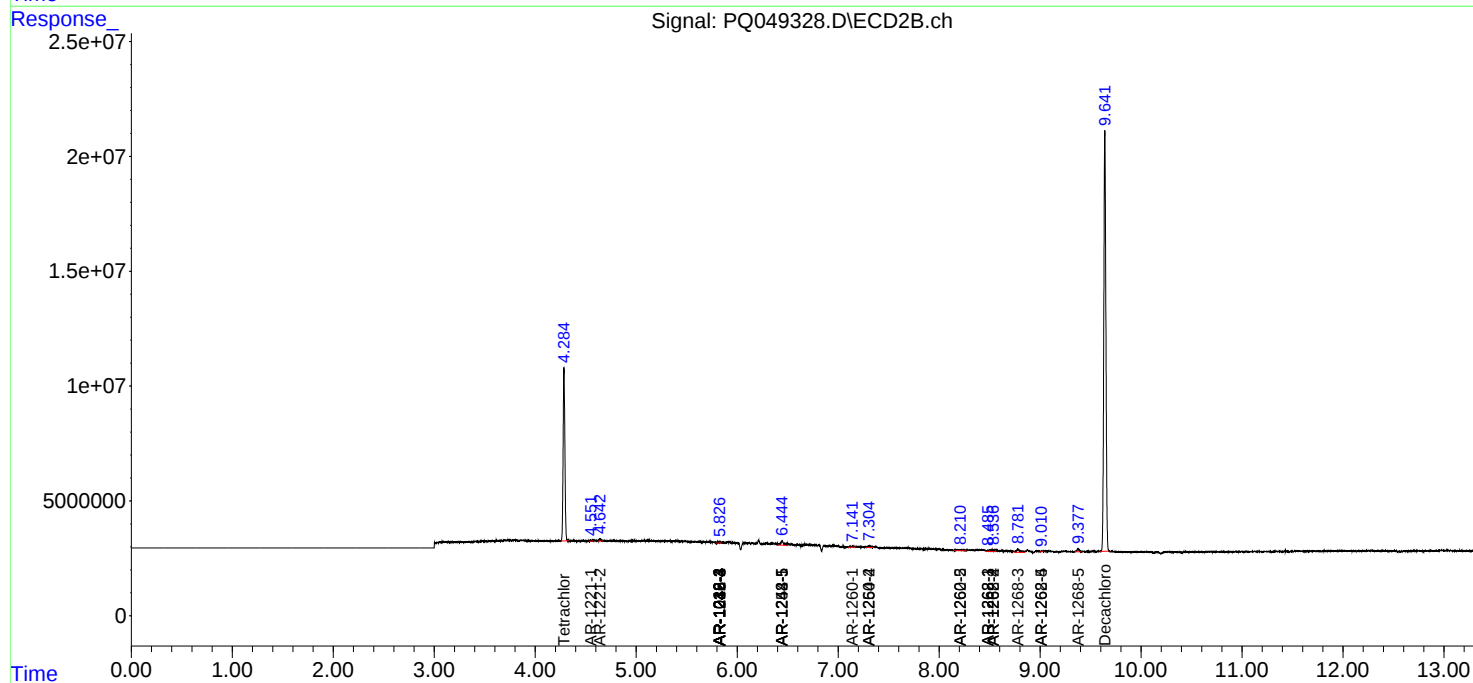
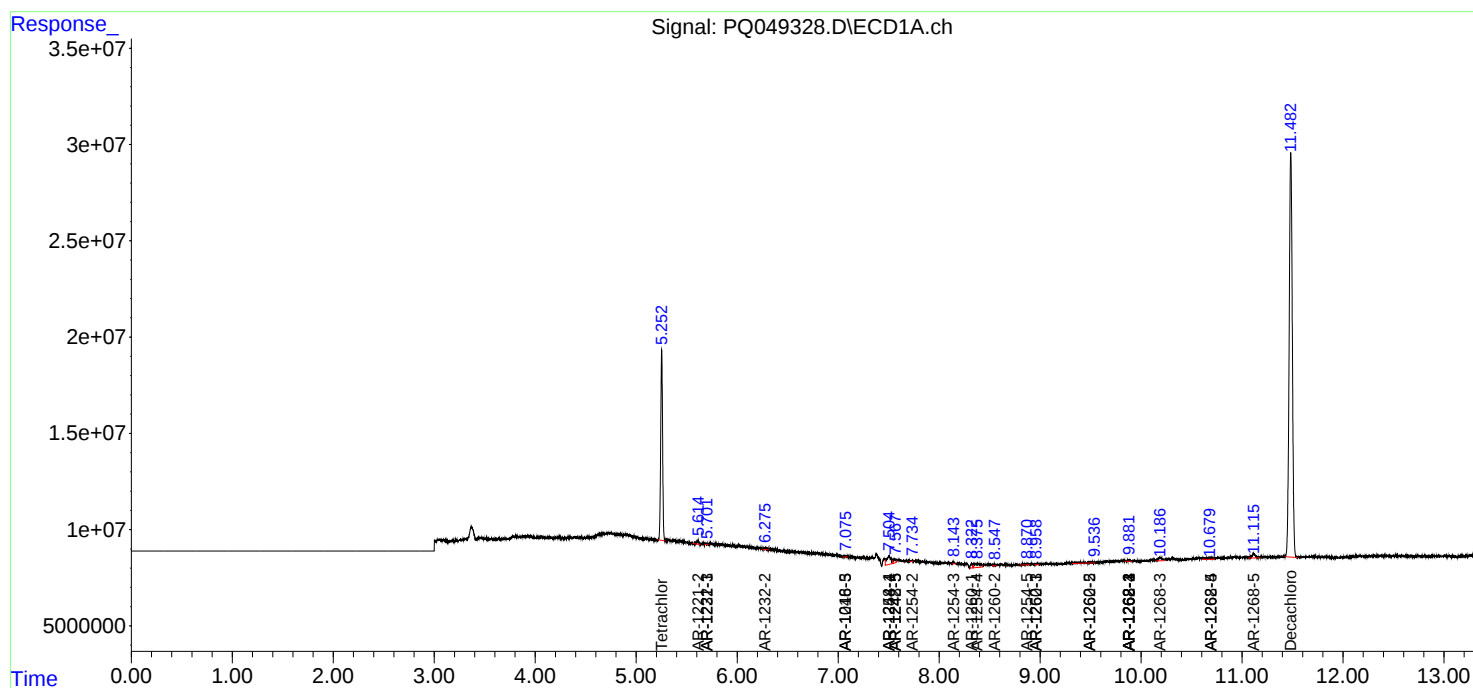
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

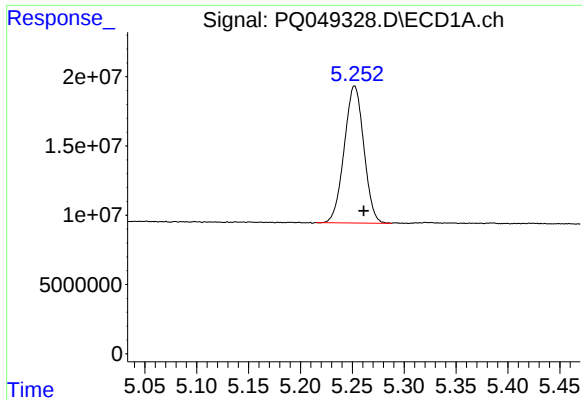
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Data\PQ081820\  
Data File : PQ049328.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 18 Aug 2020 09:05  
Operator : DD\AJ  
Sample : L3613-02  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
ECD\_Q  
ClientSampled :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Aug 19 03:43:57 2020  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Method\PQ080620CLP.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Fri Aug 07 07:58:16 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

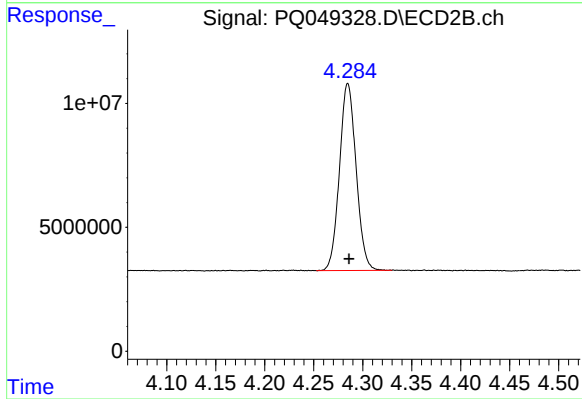




#1 Tetrachloro-m-xylene

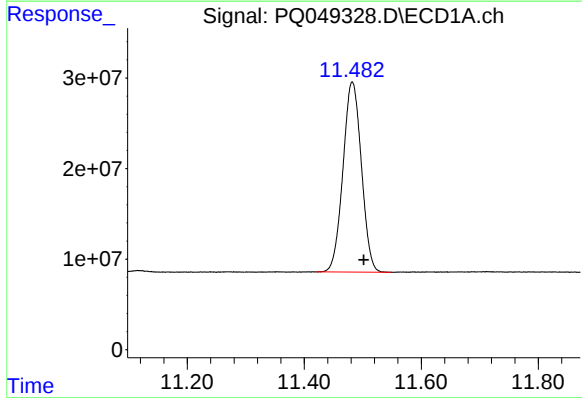
R.T.: 5.252 min  
Delta R.T.: -0.009 min  
Response: 129797125  
Conc: 21.08 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



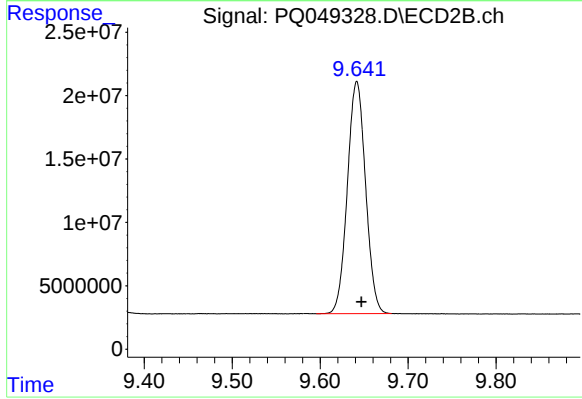
#1 Tetrachloro-m-xylene

R.T.: 4.285 min  
Delta R.T.: -0.001 min  
Response: 89262150  
Conc: 25.19 ng/ml



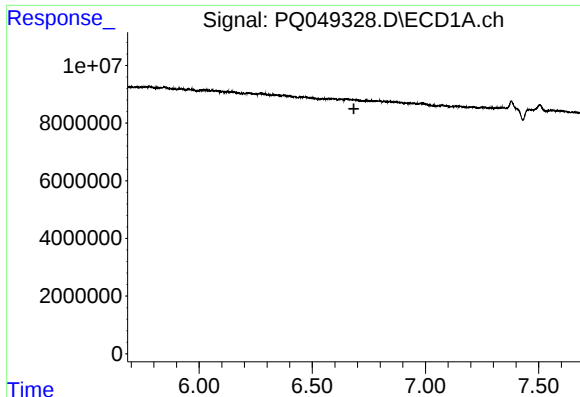
#2 Decachlorobiphenyl

R.T.: 11.482 min  
Delta R.T.: -0.019 min  
Response: 458450722  
Conc: 48.80 ng/ml



#2 Decachlorobiphenyl

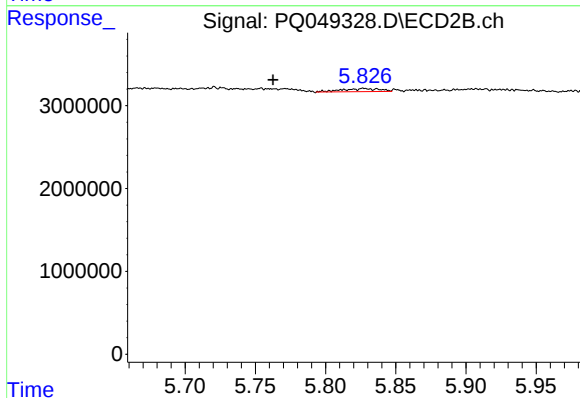
R.T.: 9.642 min  
Delta R.T.: -0.006 min  
Response: 263596734  
Conc: 56.70 ng/ml



#5 AR-1016-3

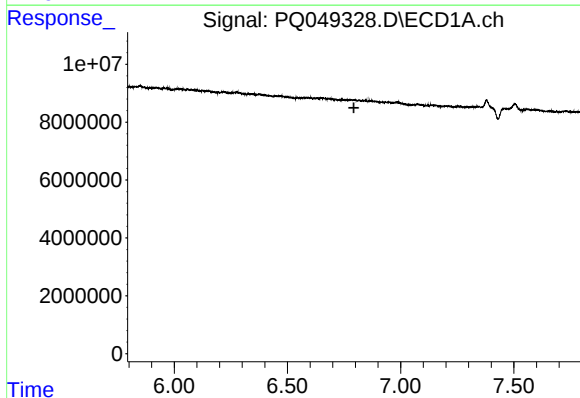
R.T.: 0.000 min  
Exp R.T.: 6.684 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :



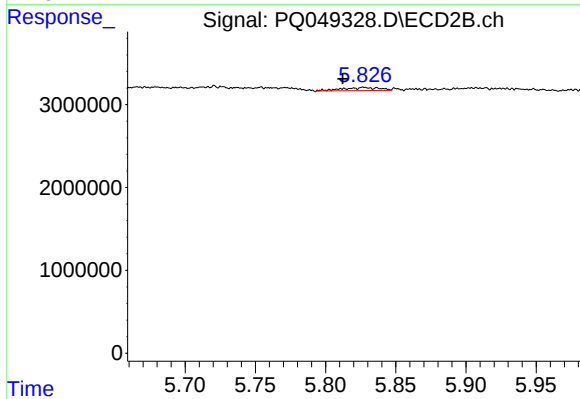
#5 AR-1016-3

R.T.: 5.827 min  
Delta R.T.: 0.065 min  
Response: 708709  
Conc: 6.85 ng/ml



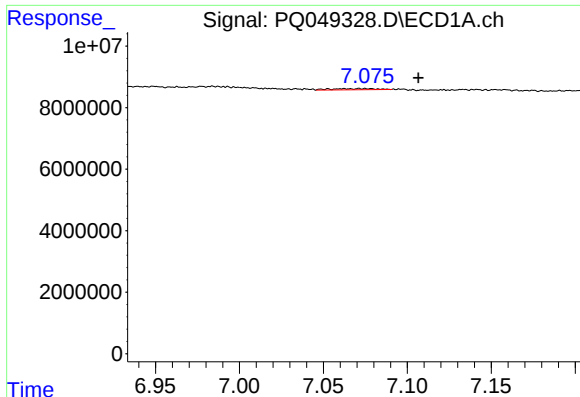
#6 AR-1016-4

R.T.: 0.000 min  
Exp R.T.: 6.794 min  
Response: 0  
Conc: N.D.



#6 AR-1016-4

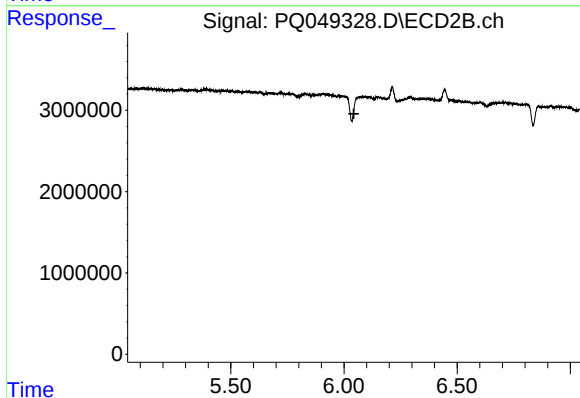
R.T.: 5.827 min  
Delta R.T.: 0.015 min  
Response: 708709  
Conc: 8.73 ng/ml



#7 AR-1016-5

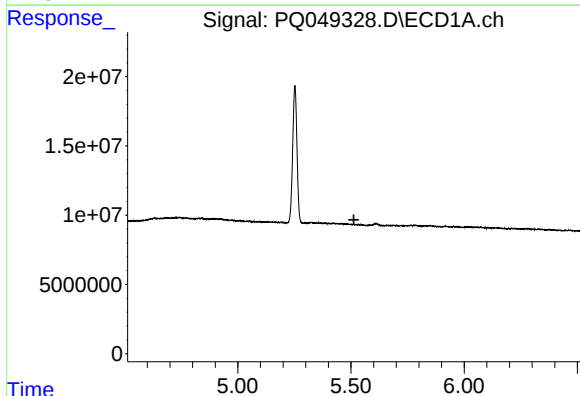
R.T.: 7.062 min  
Delta R.T.: -0.044 min  
Response: 683196  
Conc: 3.70 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



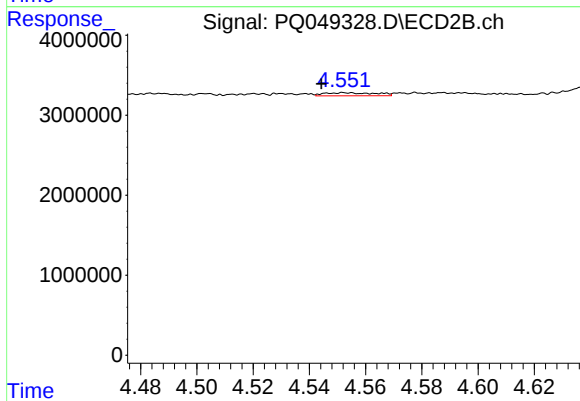
#7 AR-1016-5

R.T.: 6.075 min  
Delta R.T.: 0.032 min  
Response: -2485210  
Conc: N.D.



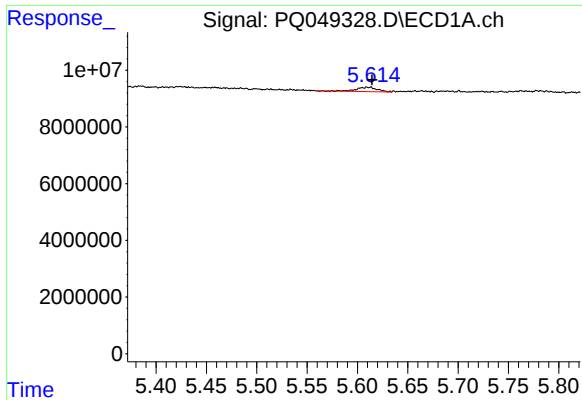
#8 AR-1221-1

R.T.: 0.000 min  
Exp R.T. : 5.513 min  
Response: 0  
Conc: N.D.



#8 AR-1221-1

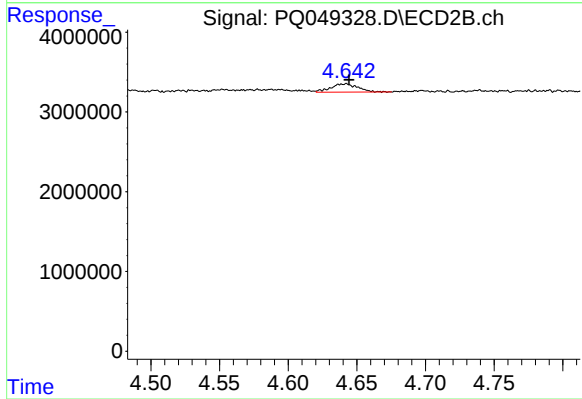
R.T.: 4.553 min  
Delta R.T.: 0.008 min  
Response: 502501  
Conc: 11.02 ng/ml



#9 AR-1221-2

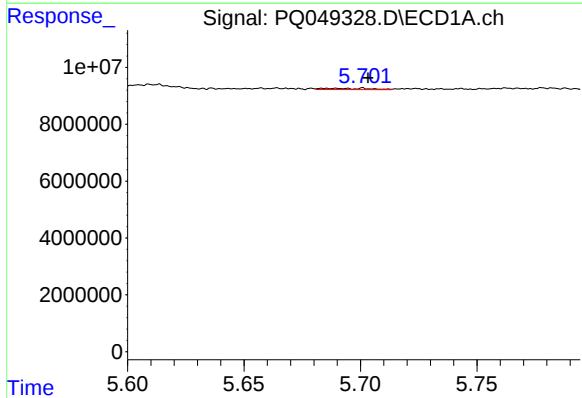
R.T.: 5.610 min  
Delta R.T.: -0.005 min  
Response: 2281814  
Conc: 39.72 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



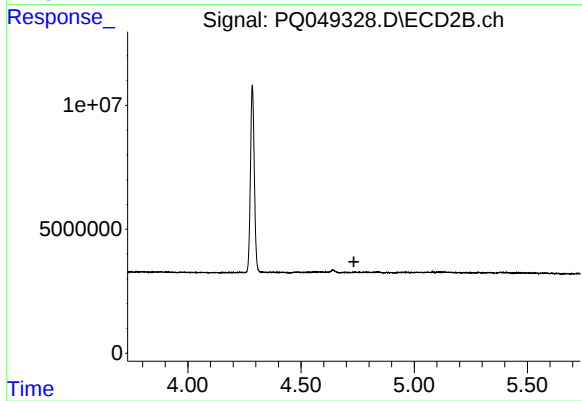
#9 AR-1221-2

R.T.: 4.642 min  
Delta R.T.: -0.002 min  
Response: 1426374  
Conc: 44.45 ng/ml



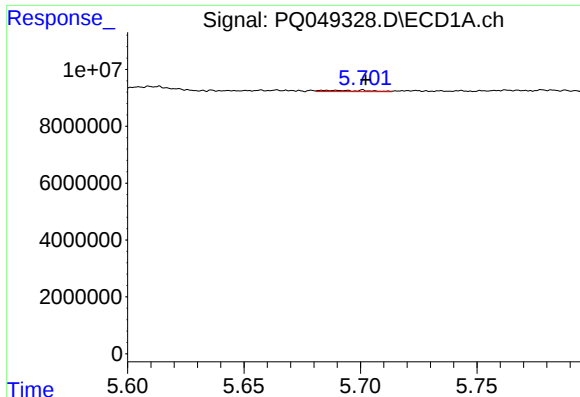
#10 AR-1221-3

R.T.: 5.701 min  
Delta R.T.: -0.002 min  
Response: 595791  
Conc: 3.18 ng/ml



#10 AR-1221-3

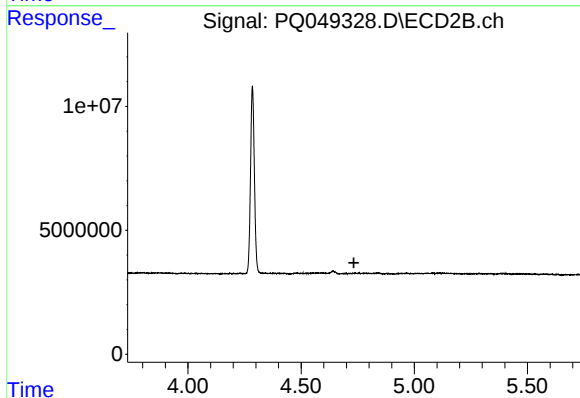
R.T.: 0.000 min  
Exp R.T.: 4.734 min  
Response: 0  
Conc: N.D.



#11 AR-1232-1

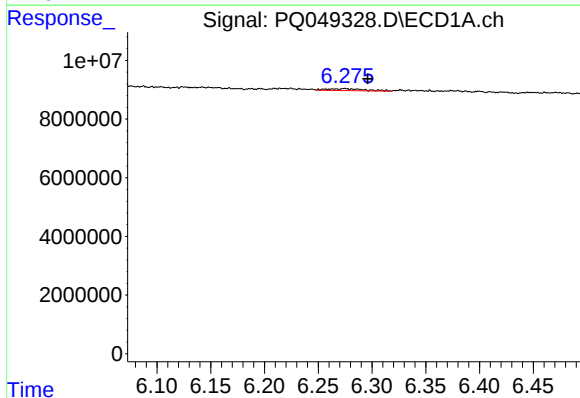
R.T.: 5.701 min  
Delta R.T.: -0.001 min  
Response: 595791  
Conc: 3.95 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



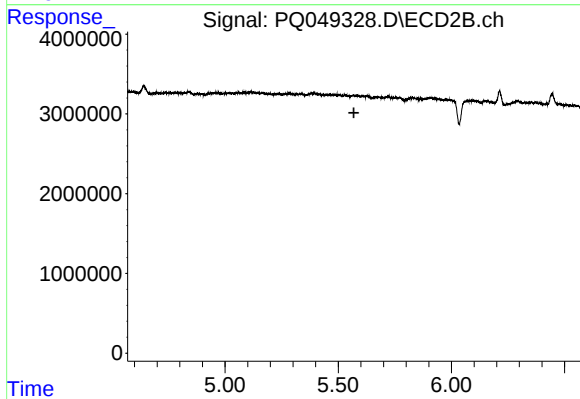
#11 AR-1232-1

R.T.: 0.000 min  
Exp R.T. : 4.733 min  
Response: 0  
Conc: N.D.



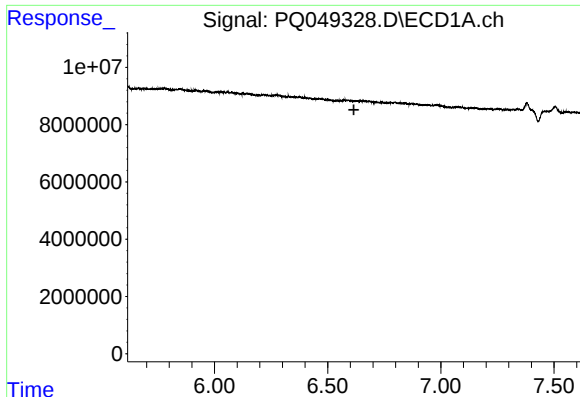
#12 AR-1232-2

R.T.: 6.274 min  
Delta R.T.: -0.022 min  
Response: 1568871  
Conc: 20.06 ng/ml



#12 AR-1232-2

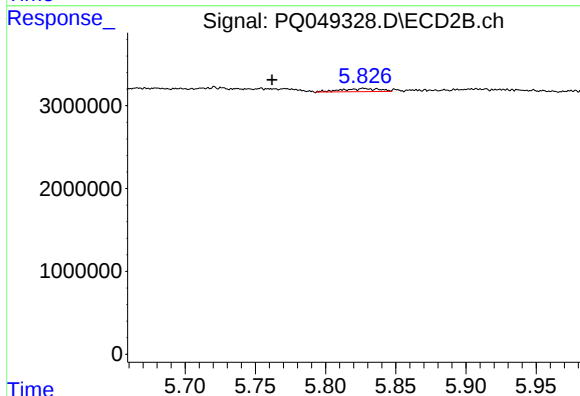
R.T.: 0.000 min  
Exp R.T. : 5.569 min  
Response: 0  
Conc: N.D.



#13 AR-1232-3

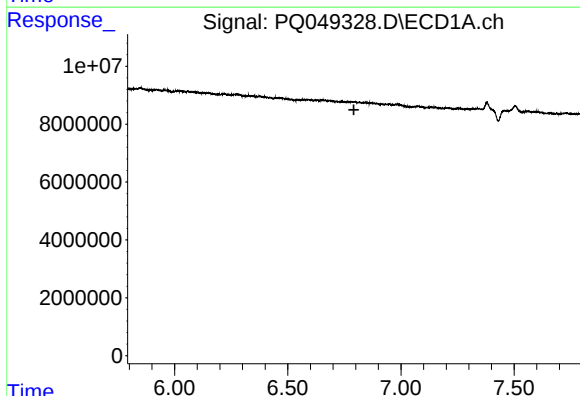
R.T.: 0.000 min  
Exp R.T.: 6.616 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :



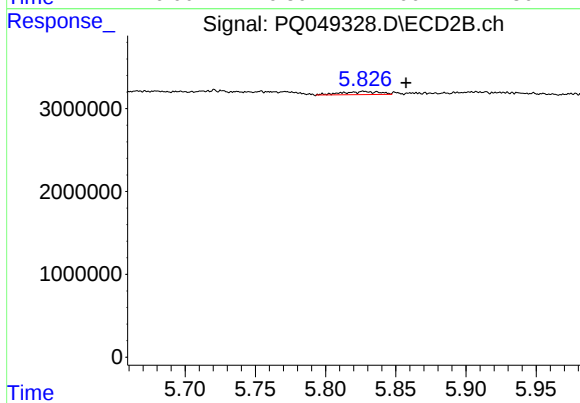
#13 AR-1232-3

R.T.: 5.827 min  
Delta R.T.: 0.065 min  
Response: 708709  
Conc: 14.72 ng/ml



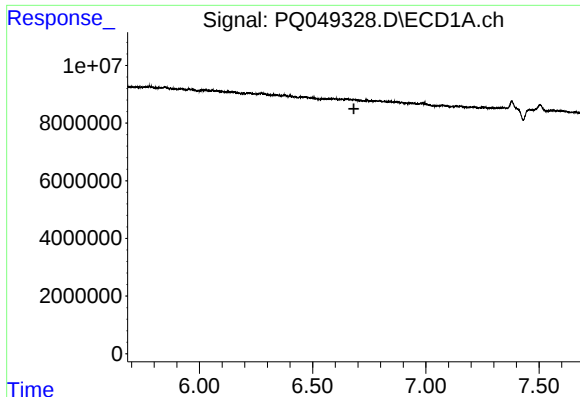
#14 AR-1232-4

R.T.: 0.000 min  
Exp R.T.: 6.792 min  
Response: 0  
Conc: N.D.



#14 AR-1232-4

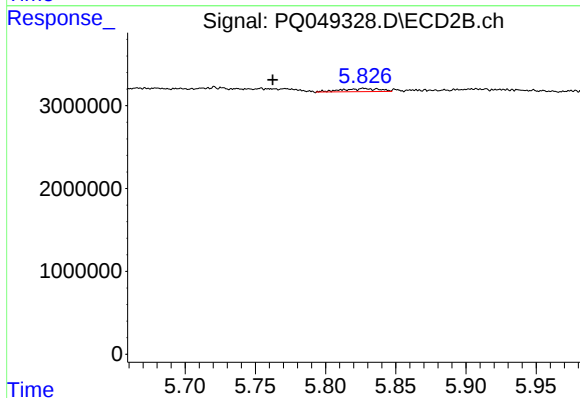
R.T.: 5.827 min  
Delta R.T.: -0.030 min  
Response: 708709  
Conc: 16.38 ng/ml



#18 AR-1242-3

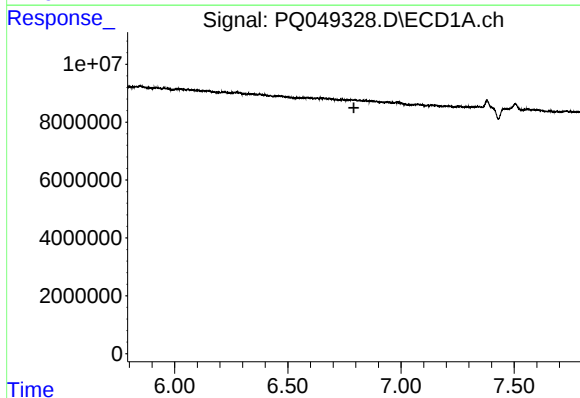
R.T.: 0.000 min  
Exp R.T.: 6.682 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :



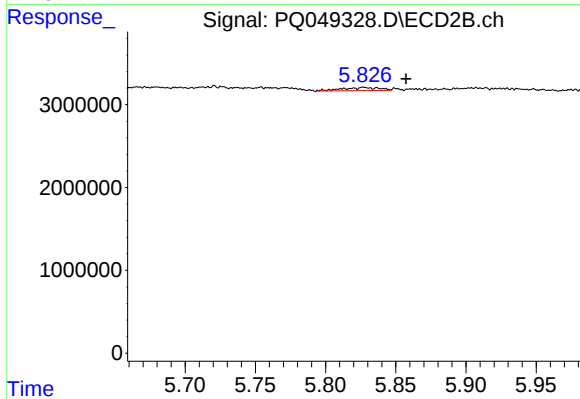
#18 AR-1242-3

R.T.: 5.827 min  
Delta R.T.: 0.065 min  
Response: 708709  
Conc: 7.38 ng/ml



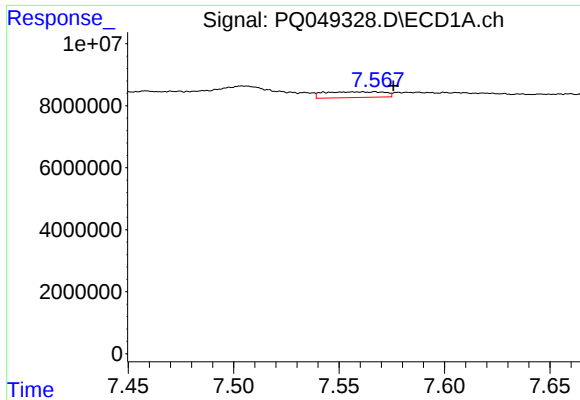
#19 AR-1242-4

R.T.: 0.000 min  
Exp R.T.: 6.792 min  
Response: 0  
Conc: N.D.



#19 AR-1242-4

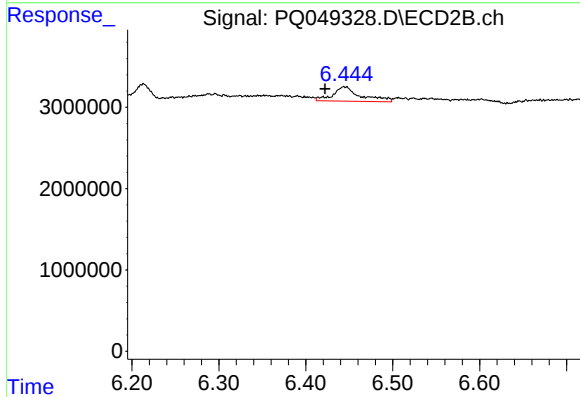
R.T.: 5.827 min  
Delta R.T.: -0.030 min  
Response: 708709  
Conc: 7.47 ng/ml



#20 AR-1242-5

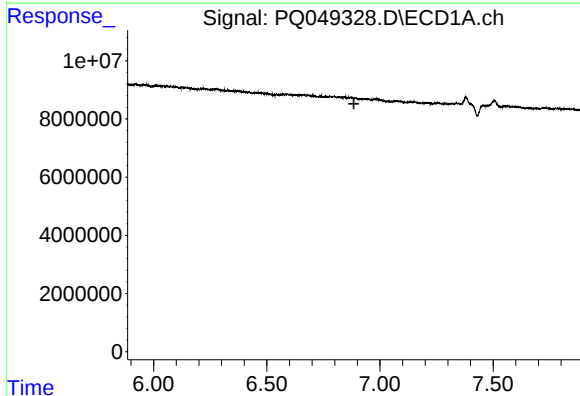
R.T.: 7.567 min  
Delta R.T.: -0.009 min  
Response: 3646590  
Conc: 17.91 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



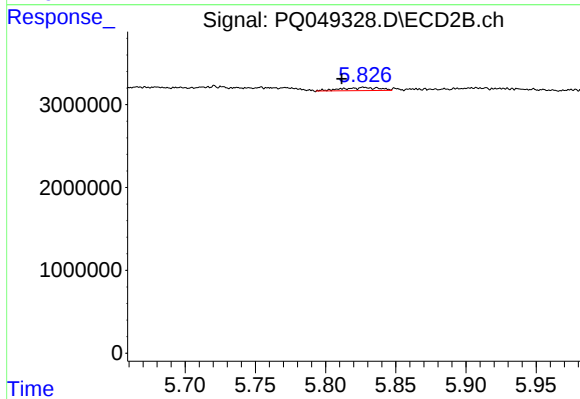
#20 AR-1242-5

R.T.: 6.445 min  
Delta R.T.: 0.023 min  
Response: 3976427  
Conc: 28.59 ng/ml



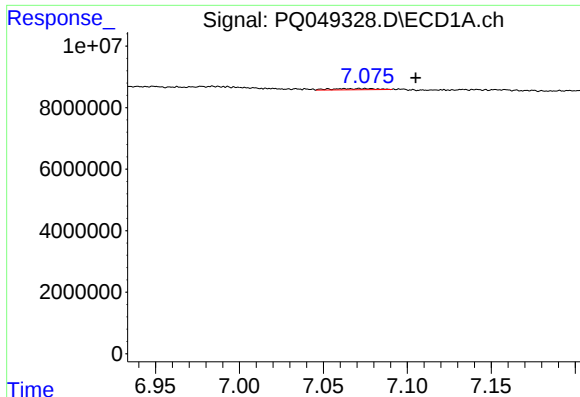
#22 AR-1248-2

R.T.: 0.000 min  
Exp R.T. : 6.885 min  
Response: 0  
Conc: N.D.



#22 AR-1248-2

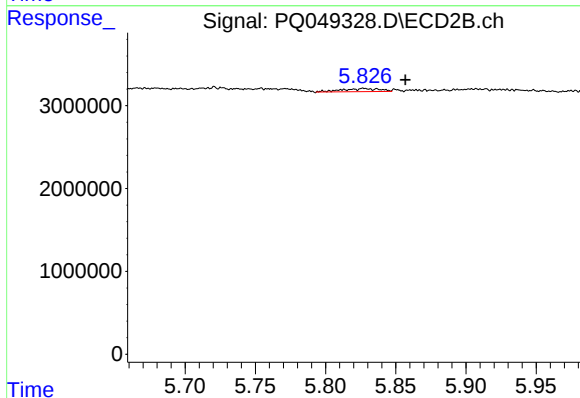
R.T.: 5.827 min  
Delta R.T.: 0.016 min  
Response: 708709  
Conc: 5.68 ng/ml



#23 AR-1248-3

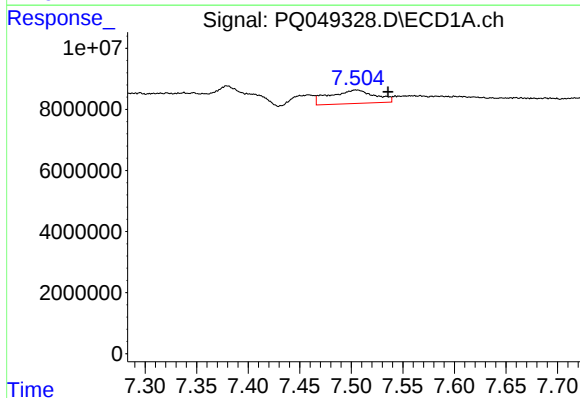
R.T.: 7.062 min  
Delta R.T.: -0.043 min  
Response: 683196  
Conc: 2.67 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



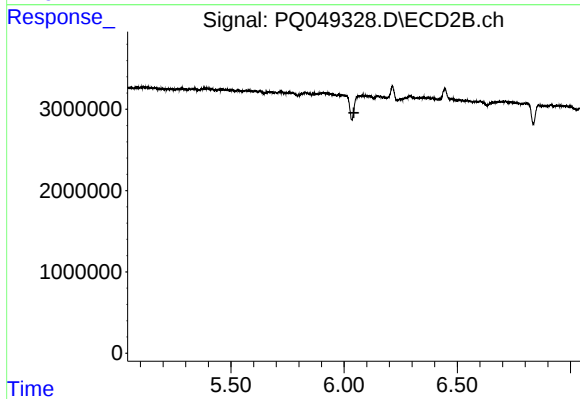
#23 AR-1248-3

R.T.: 5.827 min  
Delta R.T.: -0.030 min  
Response: 708709  
Conc: 5.50 ng/ml



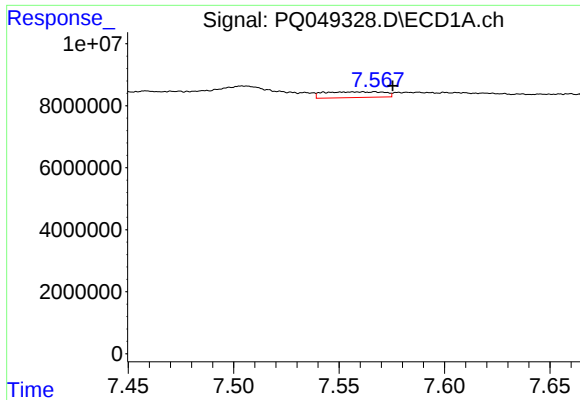
#24 AR-1248-4

R.T.: 7.505 min  
Delta R.T.: -0.031 min  
Response: 13436380  
Conc: 42.07 ng/ml



#24 AR-1248-4

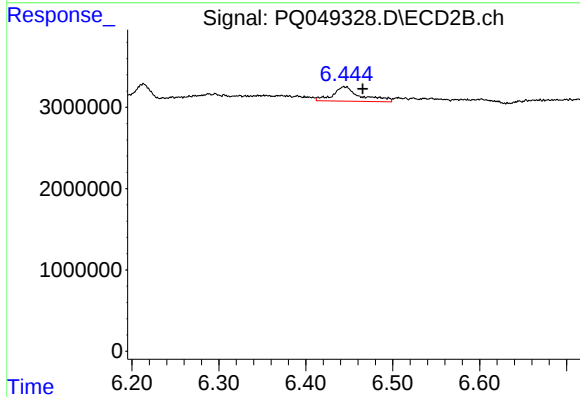
R.T.: 6.075 min  
Delta R.T.: 0.032 min  
Response: -2485210  
Conc: N.D.



#25 AR-1248-5

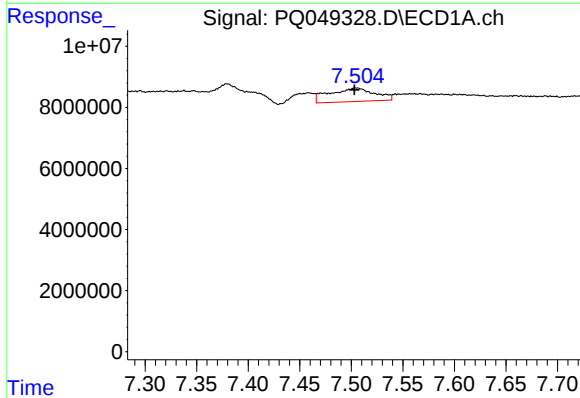
R.T.: 7.567 min  
Delta R.T.: -0.008 min  
Response: 3646590  
Conc: 12.06 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



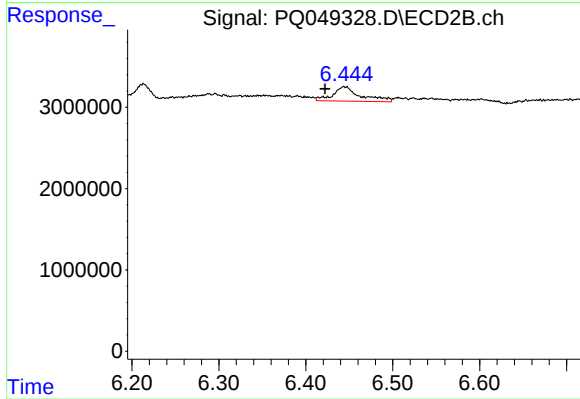
#25 AR-1248-5

R.T.: 6.445 min  
Delta R.T.: -0.021 min  
Response: 3976427  
Conc: 23.00 ng/ml



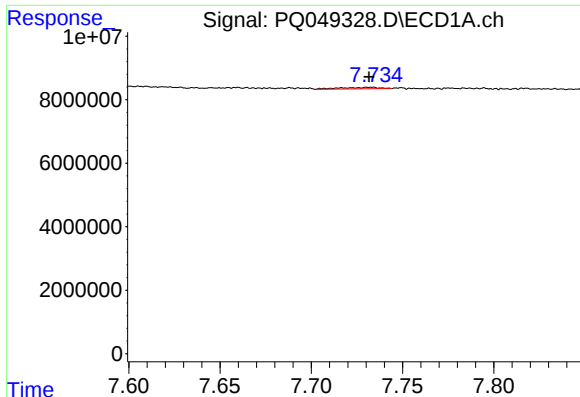
#26 AR-1254-1

R.T.: 7.505 min  
Delta R.T.: 0.002 min  
Response: 13436380  
Conc: 41.69 ng/ml



#26 AR-1254-1

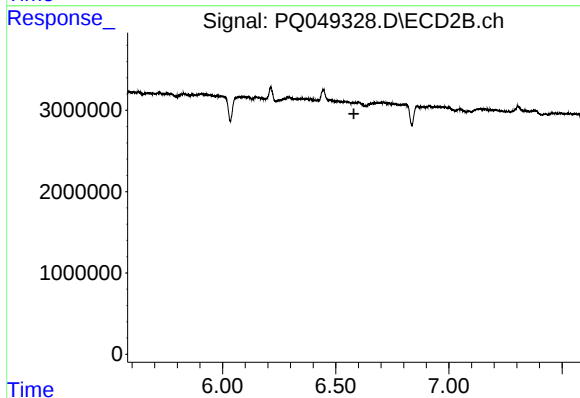
R.T.: 6.445 min  
Delta R.T.: 0.022 min  
Response: 3976427  
Conc: 14.62 ng/ml



#27 AR-1254-2

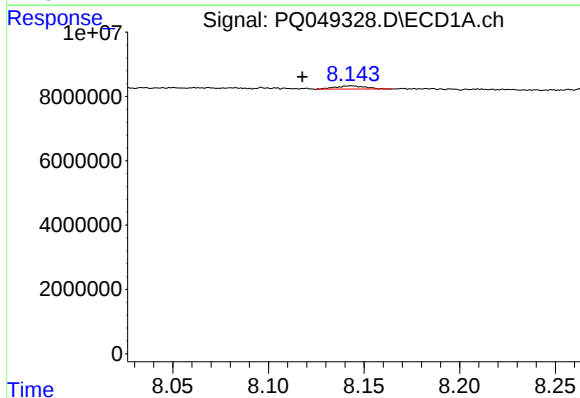
R.T.: 7.733 min  
Delta R.T.: 0.001 min  
Response: 673242  
Conc: 1.33 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



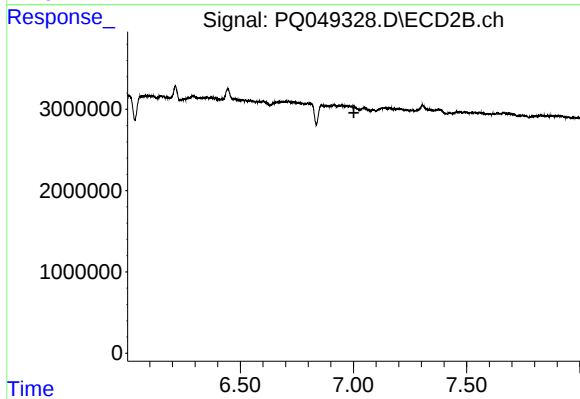
#27 AR-1254-2

R.T.: 0.000 min  
Exp R.T. : 6.580 min  
Response: 0  
Conc: N.D.



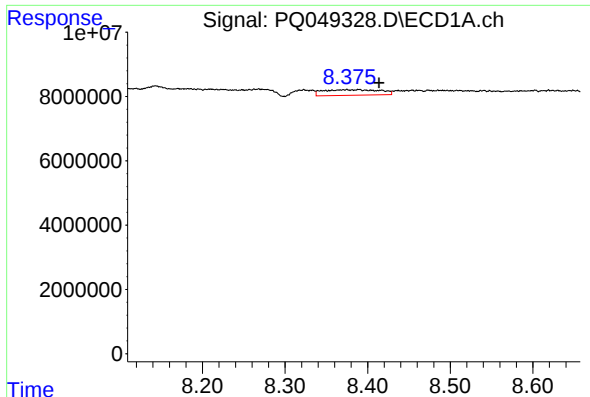
#28 AR-1254-3

R.T.: 8.143 min  
Delta R.T.: 0.025 min  
Response: 1110574  
Conc: 2.08 ng/ml



#28 AR-1254-3

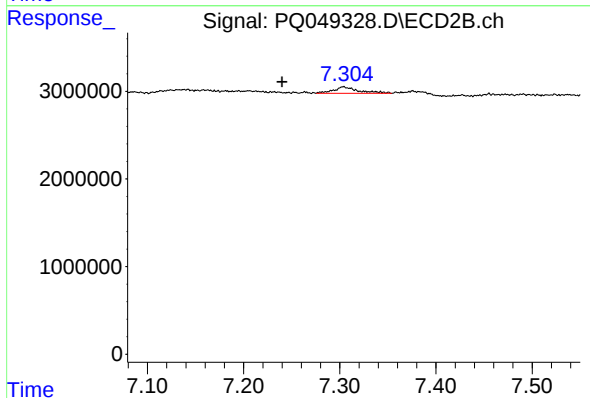
R.T.: 0.000 min  
Exp R.T. : 7.002 min  
Response: 0  
Conc: N.D.



#29 AR-1254-4

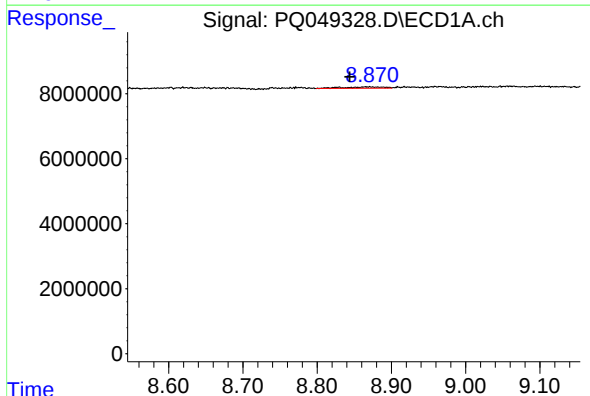
R.T.: 8.375 min  
Delta R.T.: -0.039 min  
Response: 8343061  
Conc: 17.82 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



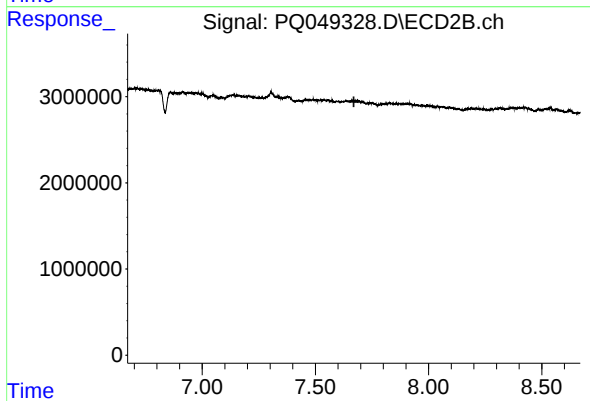
#29 AR-1254-4

R.T.: 7.304 min  
Delta R.T.: 0.064 min  
Response: 1353844  
Conc: 5.02 ng/ml



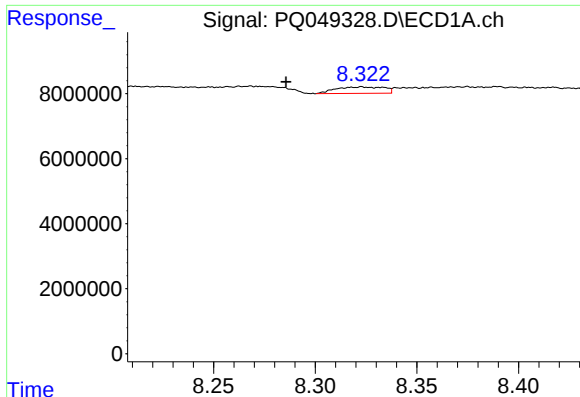
#30 AR-1254-5

R.T.: 8.870 min  
Delta R.T.: 0.026 min  
Response: 1577403  
Conc: 3.29 ng/ml



#30 AR-1254-5

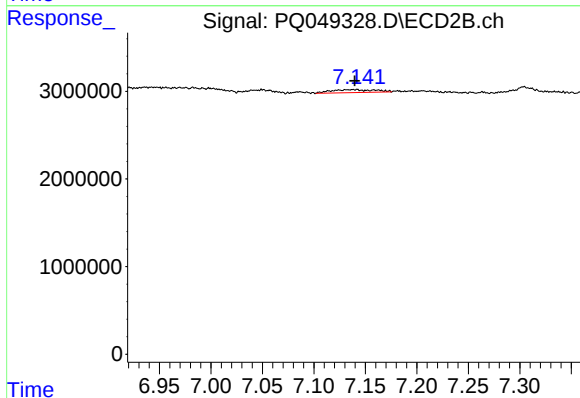
R.T.: 0.000 min  
Exp R.T.: 7.670 min  
Response: 0  
Conc: N.D.



#31 AR-1260-1

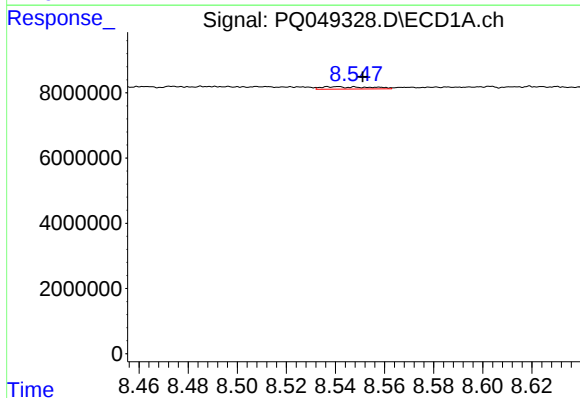
R.T.: 8.323 min  
Delta R.T.: 0.037 min  
Response: 3275517  
Conc: 8.96 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



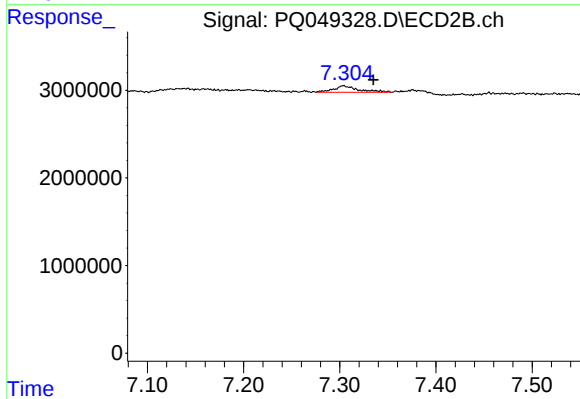
#31 AR-1260-1

R.T.: 7.139 min  
Delta R.T.: -0.001 min  
Response: 1011334  
Conc: 4.43 ng/ml



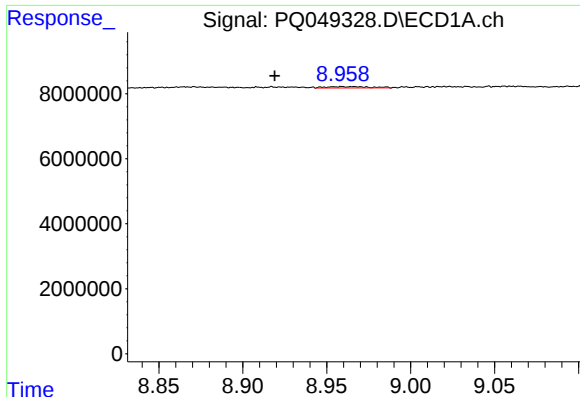
#32 AR-1260-2

R.T.: 8.540 min  
Delta R.T.: -0.011 min  
Response: 1002848  
Conc: 2.02 ng/ml



#32 AR-1260-2

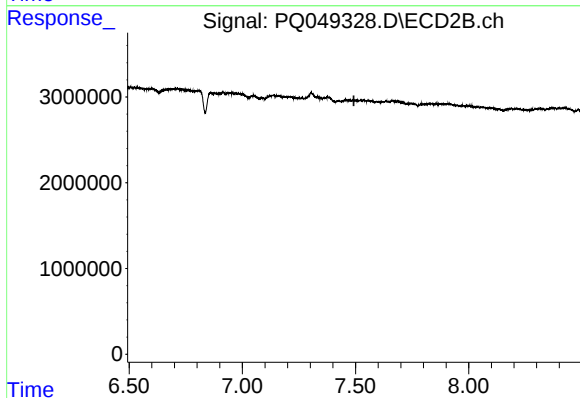
R.T.: 7.304 min  
Delta R.T.: -0.031 min  
Response: 1353844  
Conc: 4.68 ng/ml



#33 AR-1260-3

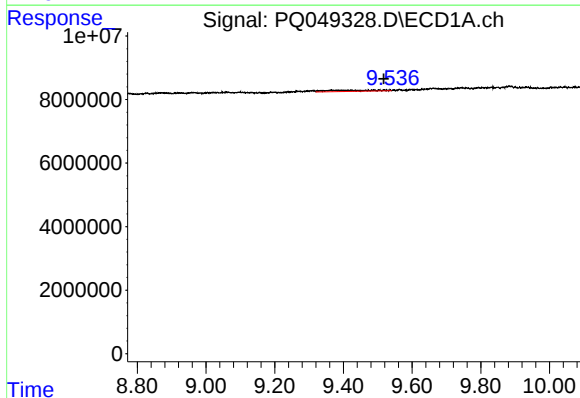
R.T.: 8.959 min  
Delta R.T.: 0.040 min  
Response: 761653  
Conc: 1.81 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



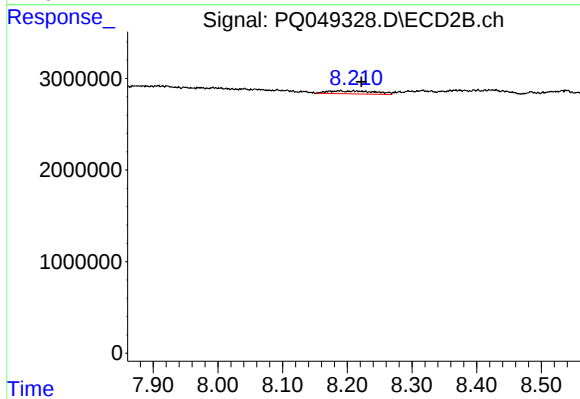
#33 AR-1260-3

R.T.: 0.000 min  
Exp R.T. : 7.493 min  
Response: 0  
Conc: N.D.



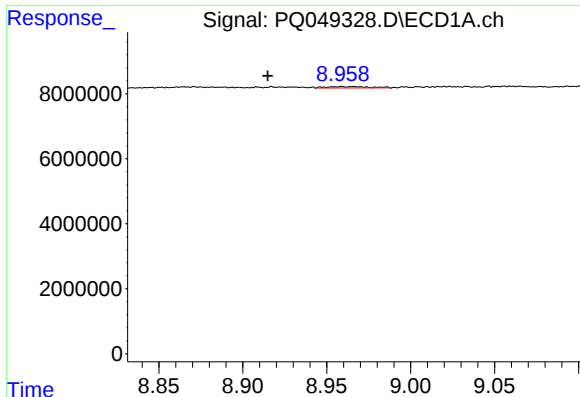
#35 AR-1260-5

R.T.: 9.489 min  
Delta R.T.: -0.028 min  
Response: 3542339  
Conc: 3.46 ng/ml



#35 AR-1260-5

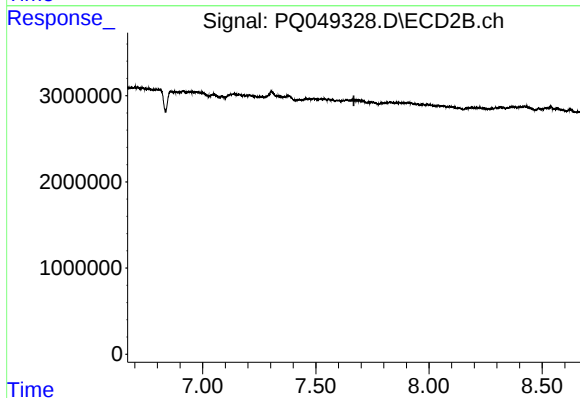
R.T.: 8.210 min  
Delta R.T.: -0.011 min  
Response: 1591007  
Conc: 2.68 ng/ml



#36 AR-1262-1

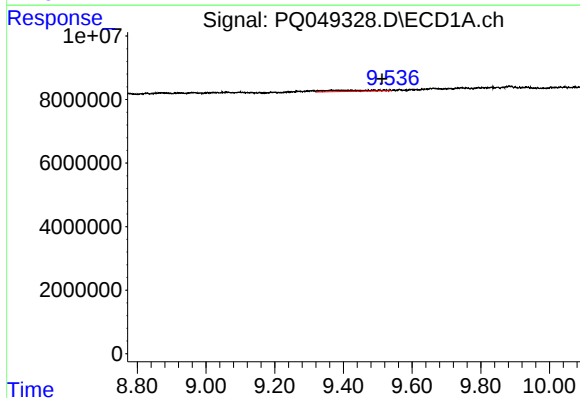
R.T.: 8.959 min  
Delta R.T.: 0.044 min  
Response: 761653  
Conc: 1.06 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



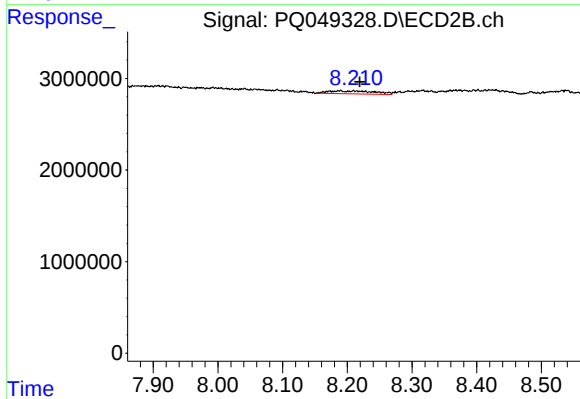
#36 AR-1262-1

R.T.: 0.000 min  
Exp R.T. : 7.668 min  
Response: 0  
Conc: N.D.



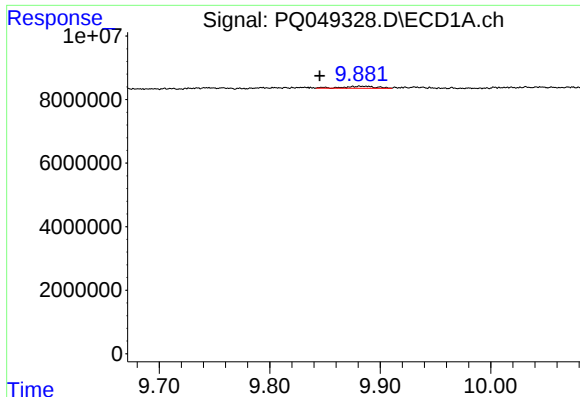
#37 AR-1262-2

R.T.: 9.489 min  
Delta R.T.: -0.023 min  
Response: 3542339  
Conc: 2.61 ng/ml



#37 AR-1262-2

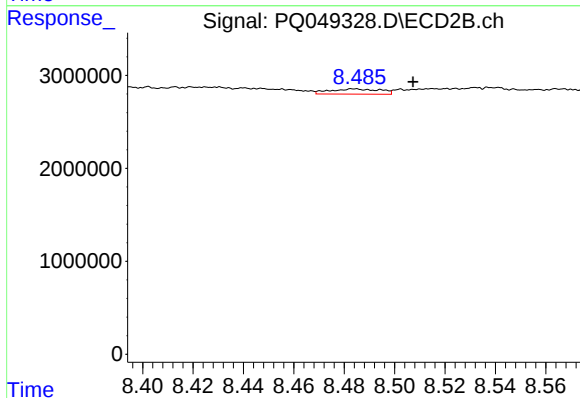
R.T.: 8.210 min  
Delta R.T.: -0.009 min  
Response: 1591007  
Conc: 2.01 ng/ml



#38 AR-1262-3

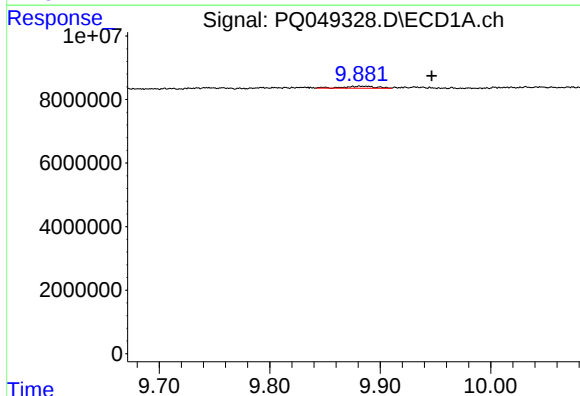
R.T.: 9.884 min  
Delta R.T.: 0.039 min  
Response: 1264380  
Conc: 1.96 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



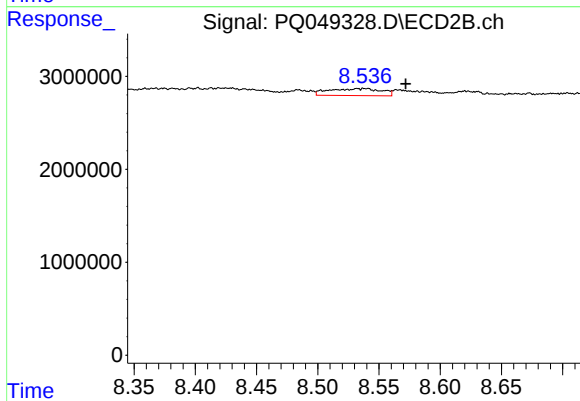
#38 AR-1262-3

R.T.: 8.484 min  
Delta R.T.: -0.023 min  
Response: 774511  
Conc: 2.40 ng/ml



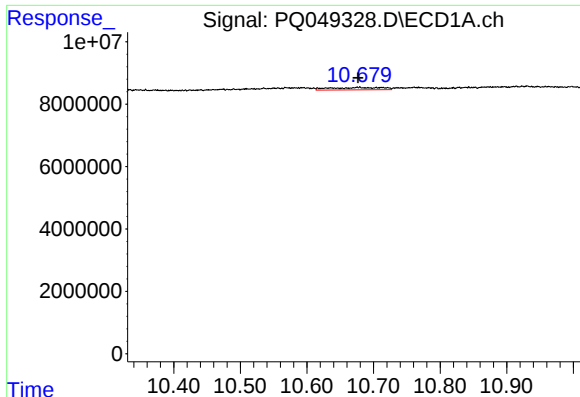
#39 AR-1262-4

R.T.: 9.884 min  
Delta R.T.: -0.062 min  
Response: 1264380  
Conc: 1.72 ng/ml



#39 AR-1262-4

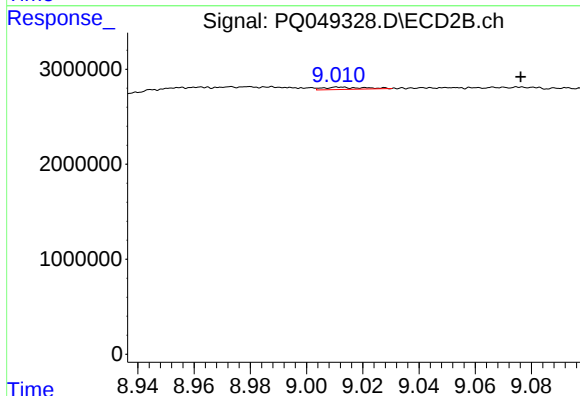
R.T.: 8.538 min  
Delta R.T.: -0.034 min  
Response: 2247813  
Conc: 3.81 ng/ml



#40 AR-1262-5

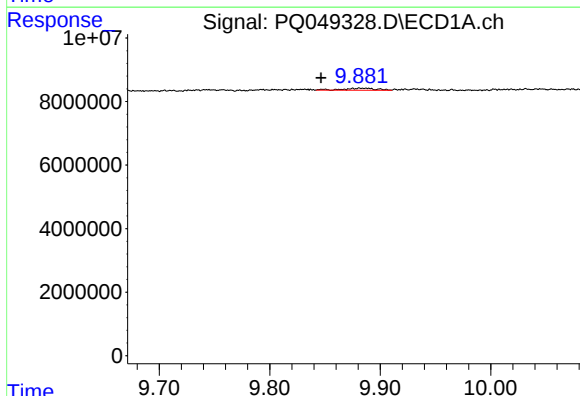
R.T.: 10.692 min  
Delta R.T.: 0.015 min  
Response: 4152625  
Conc: 7.53 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



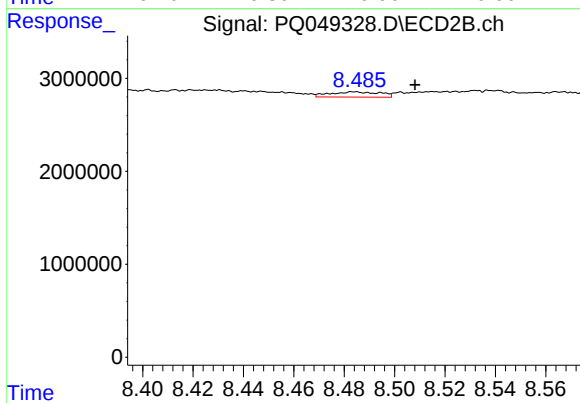
#40 AR-1262-5

R.T.: 9.012 min  
Delta R.T.: -0.064 min  
Response: 238178  
Conc: 0.85 ng/ml



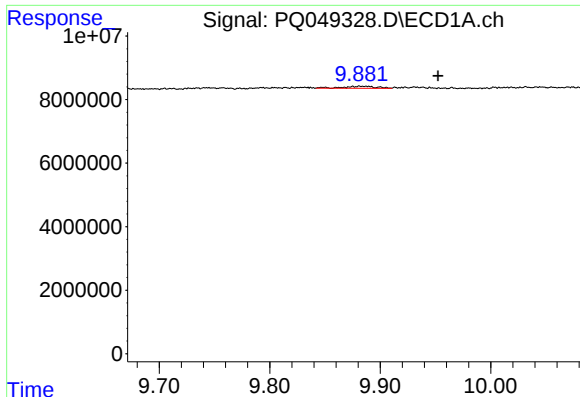
#41 AR-1268-1

R.T.: 9.884 min  
Delta R.T.: 0.038 min  
Response: 1264380  
Conc: 0.73 ng/ml



#41 AR-1268-1

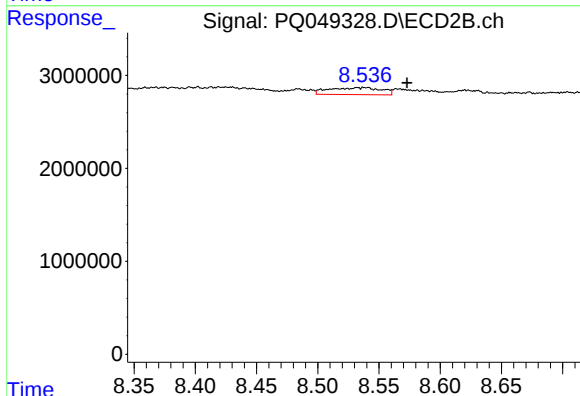
R.T.: 8.484 min  
Delta R.T.: -0.024 min  
Response: 774511  
Conc: 0.84 ng/ml



#42 AR-1268-2

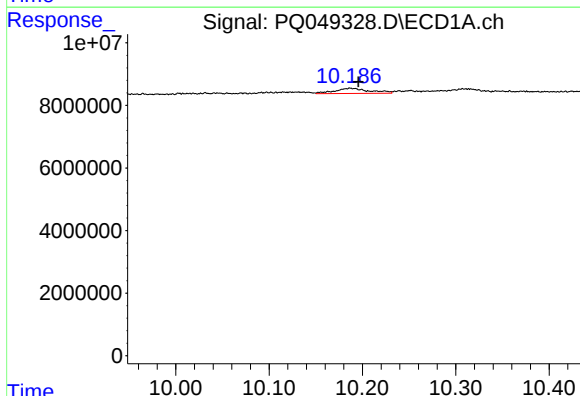
R.T.: 9.884 min  
Delta R.T.: -0.068 min  
Response: 1264380  
Conc: 0.80 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



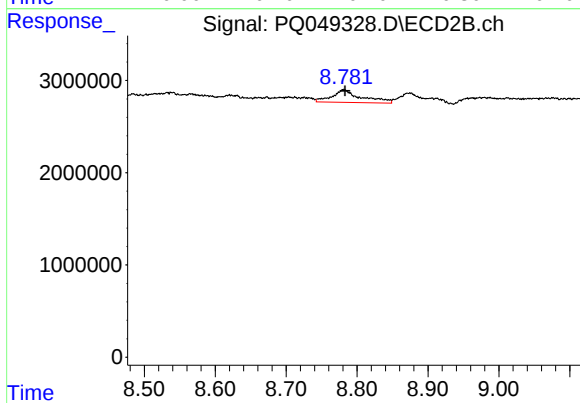
#42 AR-1268-2

R.T.: 8.538 min  
Delta R.T.: -0.035 min  
Response: 2247813  
Conc: 2.61 ng/ml



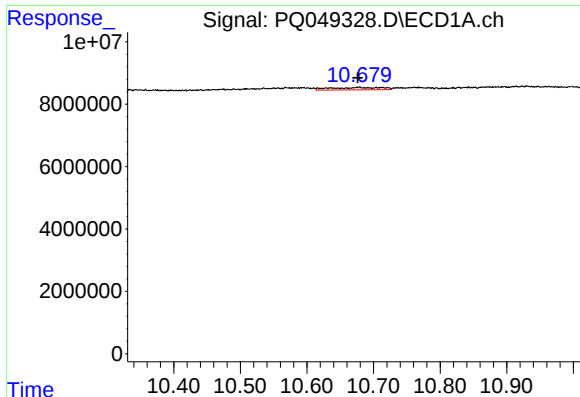
#43 AR-1268-3

R.T.: 10.187 min  
Delta R.T.: -0.008 min  
Response: 4338445  
Conc: 3.14 ng/ml



#43 AR-1268-3

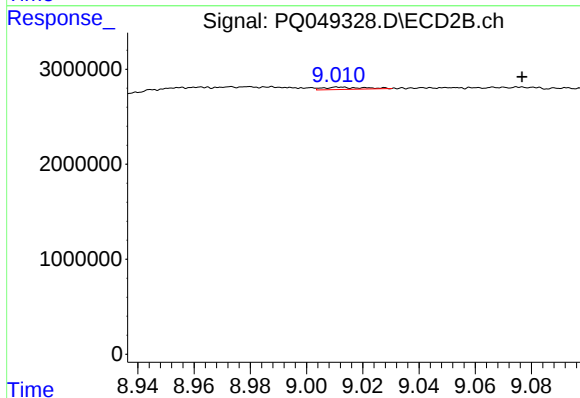
R.T.: 8.781 min  
Delta R.T.: -0.002 min  
Response: 3937083  
Conc: 5.47 ng/ml



#44 AR-1268-4

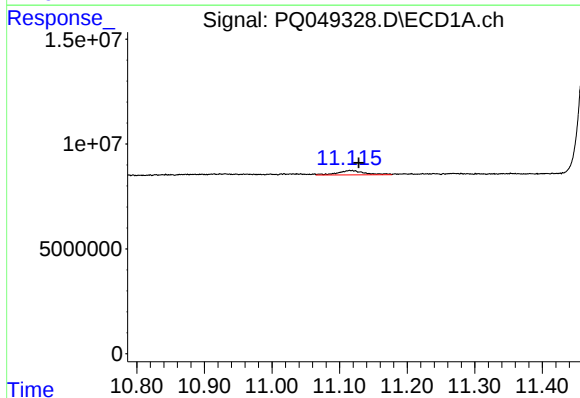
R.T.: 10.692 min  
Delta R.T.: 0.015 min  
Response: 4152625  
Conc: 6.73 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



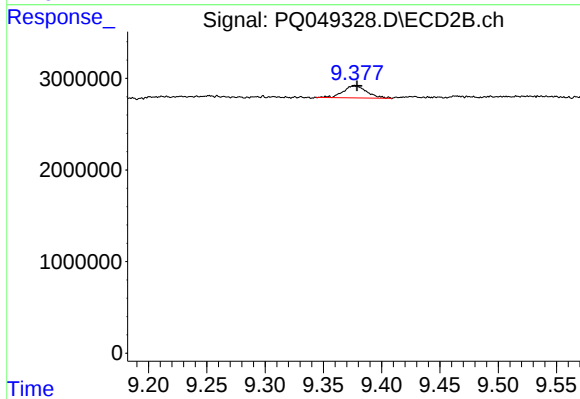
#44 AR-1268-4

R.T.: 9.012 min  
Delta R.T.: -0.065 min  
Response: 238178  
Conc: 0.76 ng/ml



#45 AR-1268-5

R.T.: 11.116 min  
Delta R.T.: -0.013 min  
Response: 5849062  
Conc: 1.36 ng/ml



#45 AR-1268-5

R.T.: 9.377 min  
Delta R.T.: -0.002 min  
Response: 1863715  
Conc: 0.81 ng/ml