

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_R\Data\PR040820\  
 Data File : PR045112.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 08 Apr 2020 11:04  
 Operator : AJ\MA  
 Sample : L2059-13  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 ECD\_R  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Apr 09 06:13:46 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_R\Method\PR031220CLP.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Fri Mar 13 12:07:27 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... | 4.633f | 3.925  | 47655  | 147389   | 0.033 | 0.009 #  |
| Target Compounds            |                 |        |        |        |          |       |          |
| 3)                          | L1 AR-1016-1    | 5.869  | 5.069f | 62712  | 641503   | 1.105 | 1.537 #  |
| 4)                          | L1 AR-1016-2    | 5.869  | 5.069  | 62712  | 641503   | 0.790 | 1.094 #  |
| 5)                          | L1 AR-1016-3    | 5.869f | 0.000  | 62712  | 0        | 1.332 | N.D. #   |
| 6)                          | L1 AR-1016-4    | 0.000  | 5.301f | 0      | 2149306  | N.D.  | 8.583 #  |
| 7)                          | L1 AR-1016-5    | 6.383f | 5.500  | 164125 | 481061   | 4.216 | 1.333 #  |
| 8)                          | L2 AR-1221-1    | 4.908  | 4.152  | 82413  | 98996    | 5.133 | 0.562 #  |
| 9)                          | L2 AR-1221-2    | 4.908f | 4.253  | 82413  | 220397   | 7.545 | 1.785 #  |
| 10)                         | L2 AR-1221-3    | 5.047  | 4.353f | 205491 | 56614    | 5.408 | 0.141 #  |
| 11)                         | L3 AR-1232-1    | 5.047  | 4.353f | 205491 | 56614    | 6.457 | 0.167 #  |
| 12)                         | L3 AR-1232-2    | 5.591  | 5.069  | 54114  | 641503   | 3.036 | 2.499    |
| 13)                         | L3 AR-1232-3    | 5.869  | 0.000  | 62712  | 0        | 1.799 | N.D. #   |
| 14)                         | L3 AR-1232-4    | 0.000  | 5.301  | 0      | 2149306  | N.D.  | 18.402 # |
| 15)                         | L3 AR-1232-5    | 6.125  | 5.500  | 59121  | 481061   | 4.454 | 3.373    |
| 16)                         | L4 AR-1242-1    | 5.869  | 5.069f | 62712  | 641503   | 1.395 | 2.007 #  |
| 17)                         | L4 AR-1242-2    | 5.869  | 5.069  | 62712  | 641503   | 0.993 | 1.456 #  |
| 18)                         | L4 AR-1242-3    | 5.869f | 0.000  | 62712  | 0        | 1.653 | N.D. #   |
| 19)                         | L4 AR-1242-4    | 0.000  | 5.301  | 0      | 2149306  | N.D.  | 9.289 #  |
| 20)                         | L4 AR-1242-5    | 0.000  | 5.810  | 0      | 36480    | N.D.  | 0.098 #  |
| 21)                         | L5 AR-1248-1    | 5.869  | 5.069f | 62712  | 641503   | 1.833 | 2.618 #  |
| 22)                         | L5 AR-1248-2    | 6.125  | 5.301f | 59121  | 2149306  | 1.311 | 6.864 #  |
| 23)                         | L5 AR-1248-3    | 6.383f | 5.301  | 164125 | 2149306  | 3.214 | 6.639 #  |
| 24)                         | L5 AR-1248-4    | 0.000  | 5.500  | 0      | 481061   | N.D.  | 1.105 #  |
| 25)                         | L5 AR-1248-5    | 0.000  | 5.884  | 0      | 915472   | N.D.  | 1.865 #  |
| 26)                         | L6 AR-1254-1    | 0.000  | 5.810  | 0      | 36480    | N.D.  | 0.048 #  |
| 27)                         | L6 AR-1254-2    | 0.000  | 5.972  | 0      | 666571   | N.D.  | 0.987 #  |
| 28)                         | L6 AR-1254-3    | 7.308  | 6.402  | 233512 | 2066185  | 2.279 | 1.843    |
| 29)                         | L6 AR-1254-4    | 0.000  | 6.626  | 0      | 4266394  | N.D.  | 5.102 #  |
| 31)                         | L7 AR-1260-1    | 0.000  | 6.558f | 0      | 2395293  | N.D.  | 3.269 #  |
| 32)                         | L7 AR-1260-2    | 0.000  | 6.704  | 0      | 3872916  | N.D.  | 3.588 #  |
| 34)                         | L7 AR-1260-4    | 0.000  | 7.318  | 0      | 69876970 | N.D.  | 91.269 # |
| 35)                         | L7 AR-1260-5    | 8.618  | 7.555  | 95038  | 30038068 | 0.546 | 13.195 # |
| 36)                         | L8 AR-1262-1    | 8.182f | 0.000  | 253202 | 0        | 5.504 | N.D. #   |
| 37)                         | L8 AR-1262-2    | 8.618  | 7.555  | 95038  | 30038068 | 0.449 | 11.565 # |
| 38)                         | L8 AR-1262-3    | 8.964  | 0.000  | 127083 | 0        | 0.867 | N.D. #   |
| 39)                         | L8 AR-1262-4    | 9.079  | 7.974f | 101977 | 4866978  | 0.893 | 2.770 #  |
| 40)                         | L8 AR-1262-5    | 9.756  | 0.000  | 100773 | 0        | 1.185 | N.D. #   |
| 41)                         | L9 AR-1268-1    | 8.964  | 0.000  | 127083 | 0        | 0.499 | N.D. #   |
| 42)                         | L9 AR-1268-2    | 9.079  | 7.974f | 101977 | 4866978  | 0.421 | 1.911 #  |
| 43)                         | L9 AR-1268-3    | 9.321  | 0.000  | 117303 | 0        | 0.571 | N.D. #   |
| 44)                         | L9 AR-1268-4    | 9.756  | 0.000  | 100773 | 0        | 1.076 | N.D. #   |

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_R\Data\PR040820\  
Data File : PR045112.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 08 Apr 2020 11:04  
Operator : AJ\MA  
Sample : L2059-13  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
ECD\_R  
ClientSampleId :

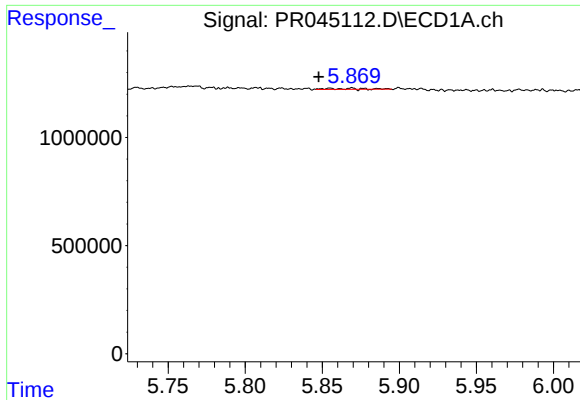
Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Apr 09 06:13:46 2020  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_R\Method\PR031220CLP.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Fri Mar 13 12:07:27 2020  
Response via : Initial Calibration  
Integrator: 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 |
|----------|------|------|--------|--------|-------|-------|
| -----    |      |      |        |        |       |       |
| -----    |      |      |        |        |       |       |

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

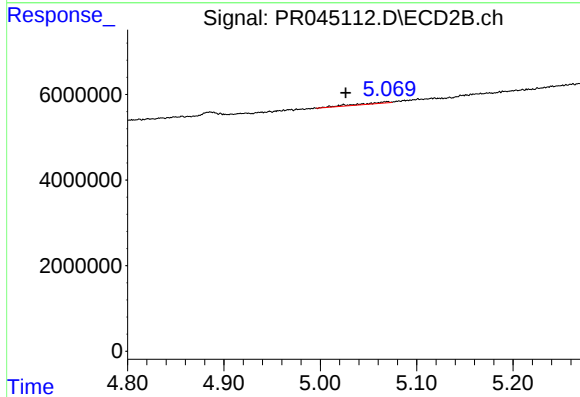




#3 AR-1016-1

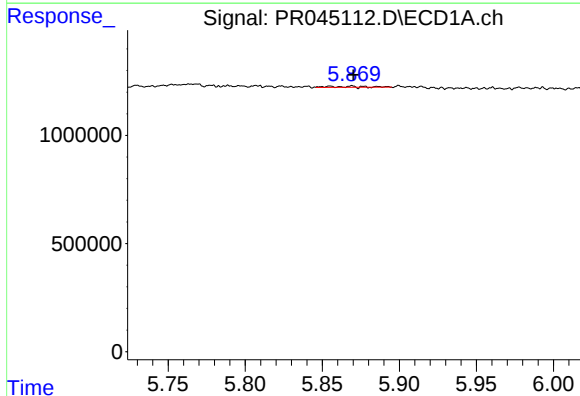
R.T.: 5.869 min  
Delta R.T.: 0.021 min  
Response: 62712  
Conc: 1.10 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :



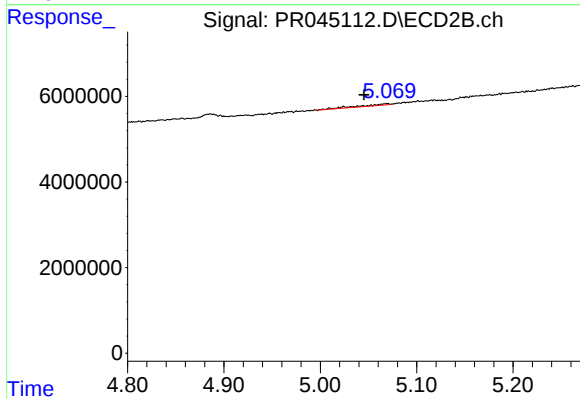
#3 AR-1016-1

R.T.: 5.069 min  
Delta R.T.: 0.043 min  
Response: 641503  
Conc: 1.54 ng/ml



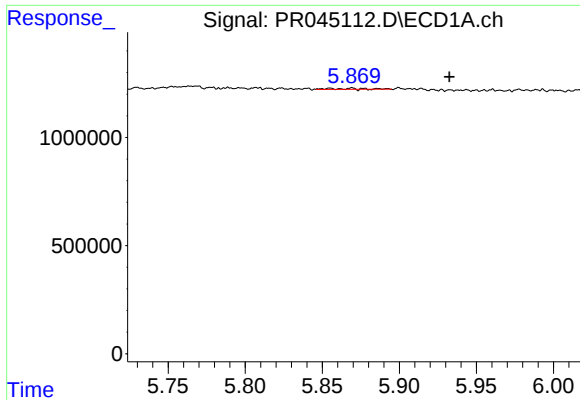
#4 AR-1016-2

R.T.: 5.869 min  
Delta R.T.: -0.002 min  
Response: 62712  
Conc: 0.79 ng/ml



#4 AR-1016-2

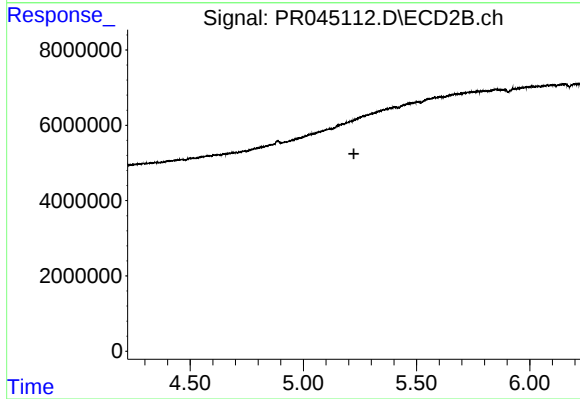
R.T.: 5.069 min  
Delta R.T.: 0.024 min  
Response: 641503  
Conc: 1.09 ng/ml



#5 AR-1016-3

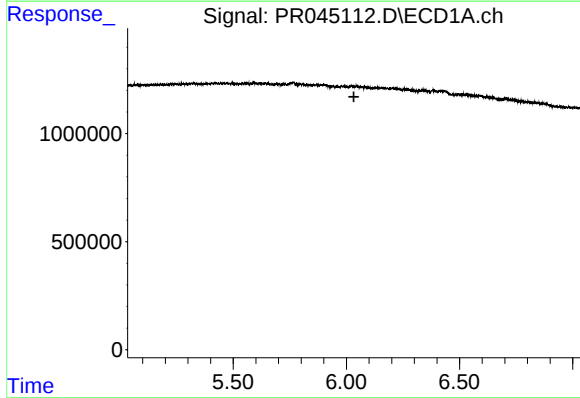
R.T.: 5.869 min  
Delta R.T.: -0.064 min  
Response: 62712  
Conc: 1.33 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :



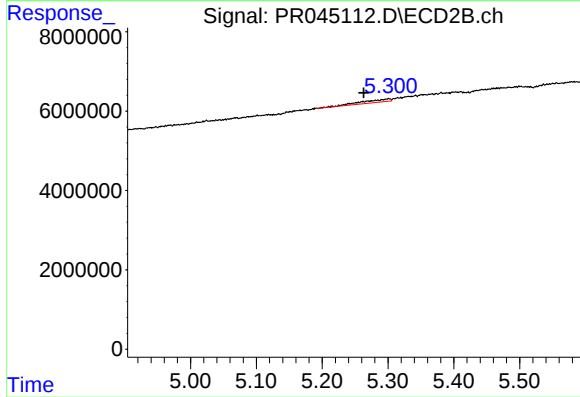
#5 AR-1016-3

R.T.: 0.000 min  
Exp R.T. : 5.223 min  
Response: 0  
Conc: N.D.



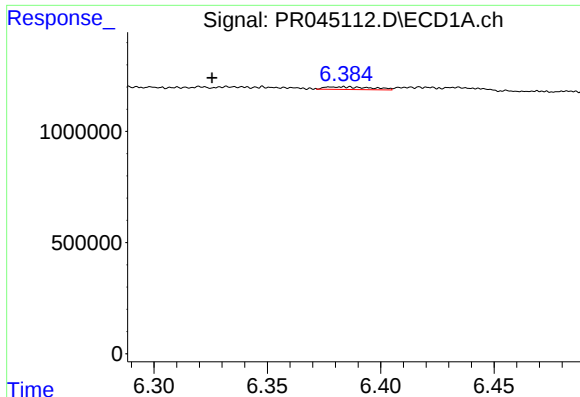
#6 AR-1016-4

R.T.: 0.000 min  
Exp R.T. : 6.033 min  
Response: 0  
Conc: N.D.



#6 AR-1016-4

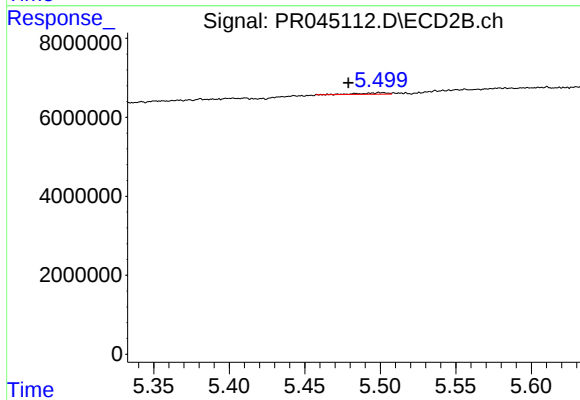
R.T.: 5.301 min  
Delta R.T.: 0.038 min  
Response: 2149306  
Conc: 8.58 ng/ml



#7 AR-1016-5

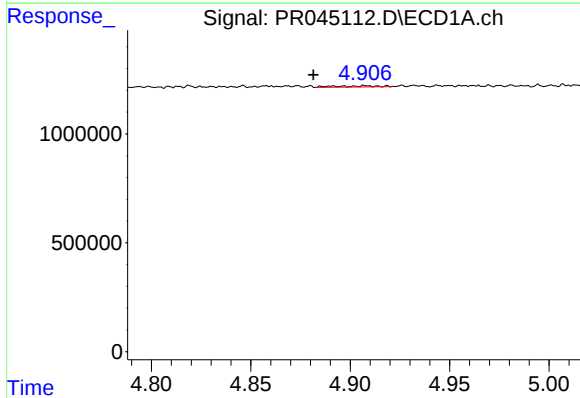
R.T.: 6.383 min  
Delta R.T.: 0.057 min  
Response: 164125  
Conc: 4.22 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :



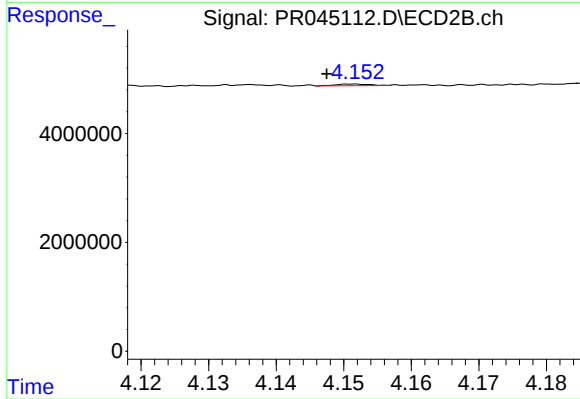
#7 AR-1016-5

R.T.: 5.500 min  
Delta R.T.: 0.022 min  
Response: 481061  
Conc: 1.33 ng/ml



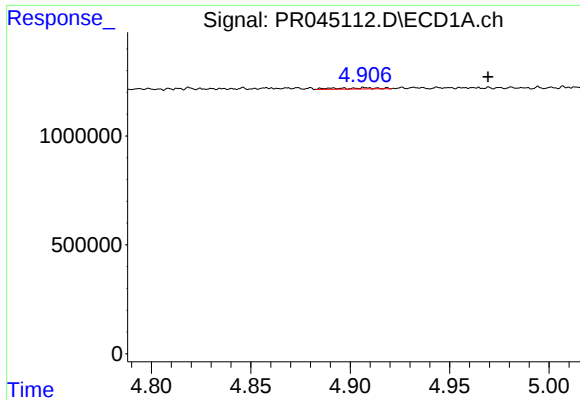
#8 AR-1221-1

R.T.: 4.908 min  
Delta R.T.: 0.026 min  
Response: 82413  
Conc: 5.13 ng/ml



#8 AR-1221-1

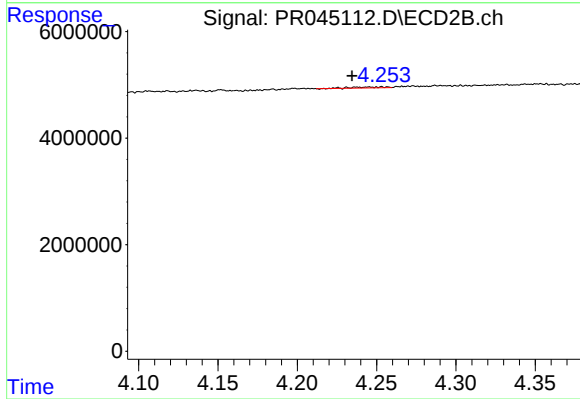
R.T.: 4.152 min  
Delta R.T.: 0.004 min  
Response: 98996  
Conc: 0.56 ng/ml



#9 AR-1221-2

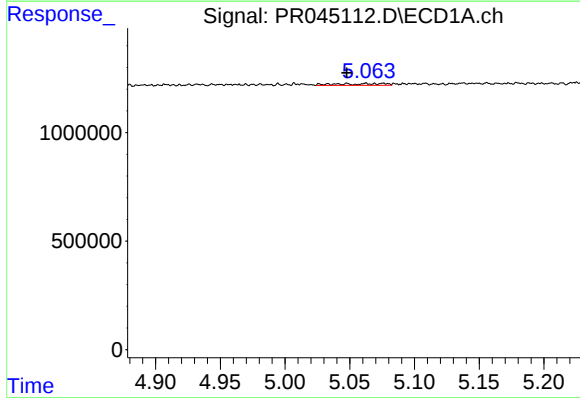
R.T.: 4.908 min  
Delta R.T.: -0.061 min  
Response: 82413  
Conc: 7.55 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :



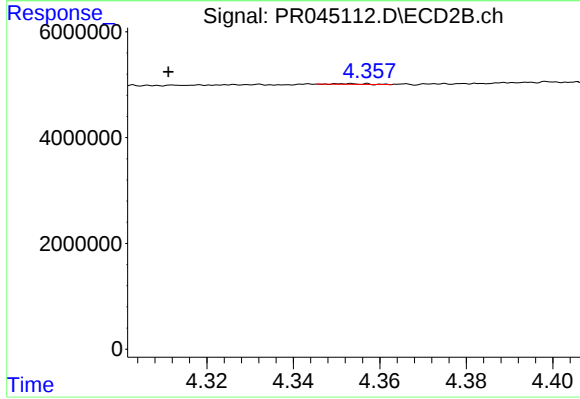
#9 AR-1221-2

R.T.: 4.253 min  
Delta R.T.: 0.019 min  
Response: 220397  
Conc: 1.78 ng/ml



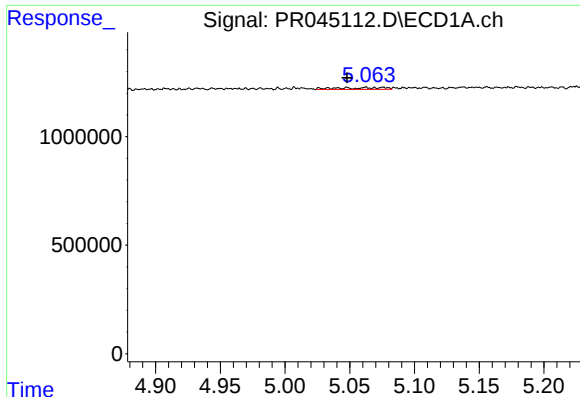
#10 AR-1221-3

R.T.: 5.047 min  
Delta R.T.: 0.000 min  
Response: 205491  
Conc: 5.41 ng/ml



#10 AR-1221-3

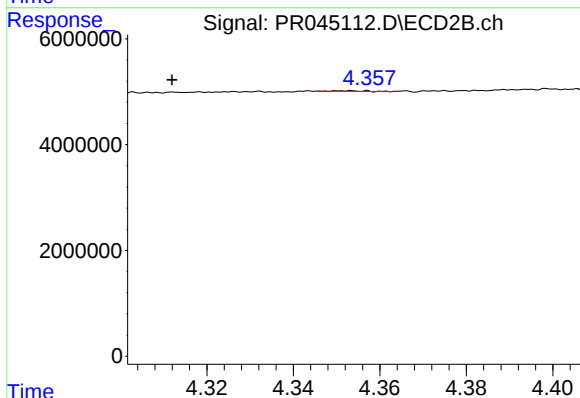
R.T.: 4.353 min  
Delta R.T.: 0.041 min  
Response: 56614  
Conc: 0.14 ng/ml



#11 AR-1232-1

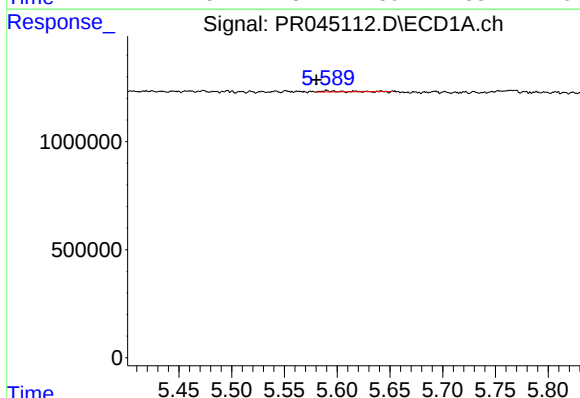
R.T.: 5.047 min  
Delta R.T.: 0.000 min  
Response: 205491  
Conc: 6.46 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :



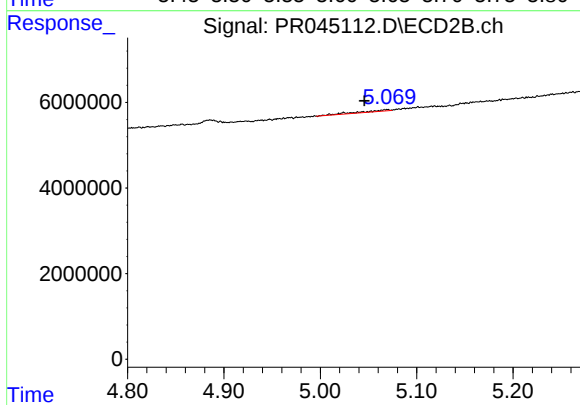
#11 AR-1232-1

R.T.: 4.353 min  
Delta R.T.: 0.041 min  
Response: 56614  
Conc: 0.17 ng/ml



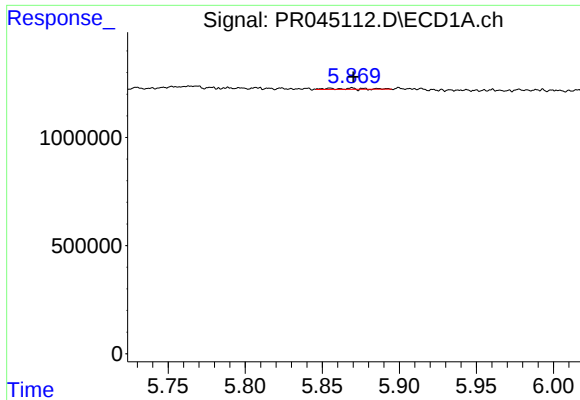
#12 AR-1232-2

R.T.: 5.591 min  
Delta R.T.: 0.010 min  
Response: 54114  
Conc: 3.04 ng/ml



#12 AR-1232-2

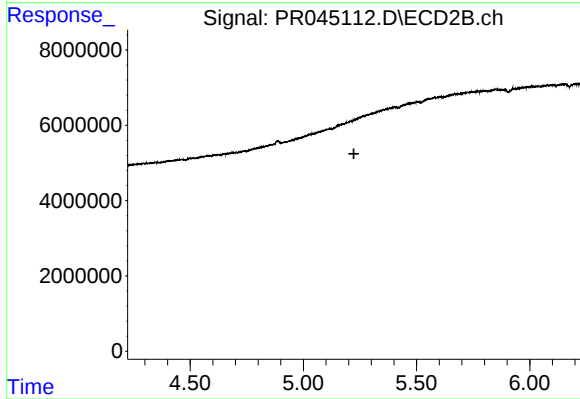
R.T.: 5.069 min  
Delta R.T.: 0.024 min  
Response: 641503  
Conc: 2.50 ng/ml



#13 AR-1232-3

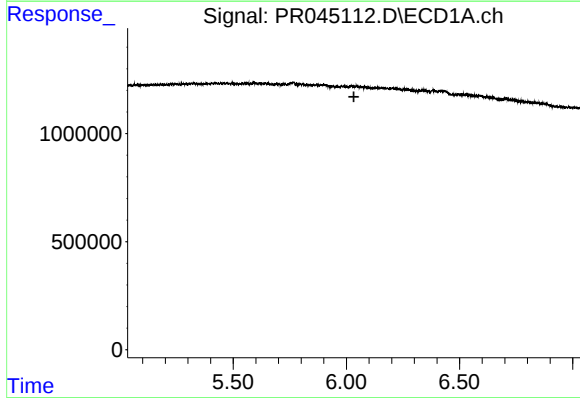
R.T.: 5.869 min  
Delta R.T.: -0.002 min  
Response: 62712  
Conc: 1.80 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :



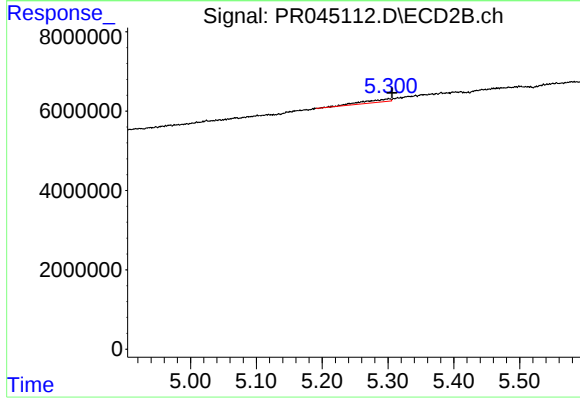
#13 AR-1232-3

R.T.: 0.000 min  
Exp R.T. : 5.223 min  
Response: 0  
Conc: N.D.



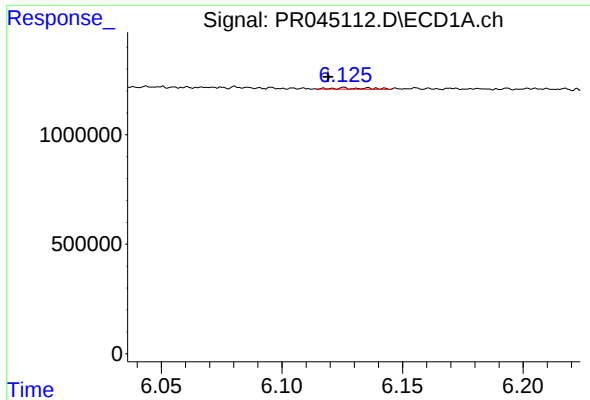
#14 AR-1232-4

R.T.: 0.000 min  
Exp R.T. : 6.033 min  
Response: 0  
Conc: N.D.



#14 AR-1232-4

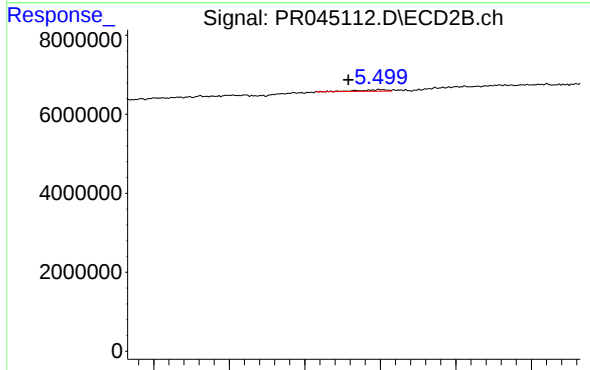
R.T.: 5.301 min  
Delta R.T.: -0.005 min  
Response: 2149306  
Conc: 18.40 ng/ml



#15 AR-1232-5

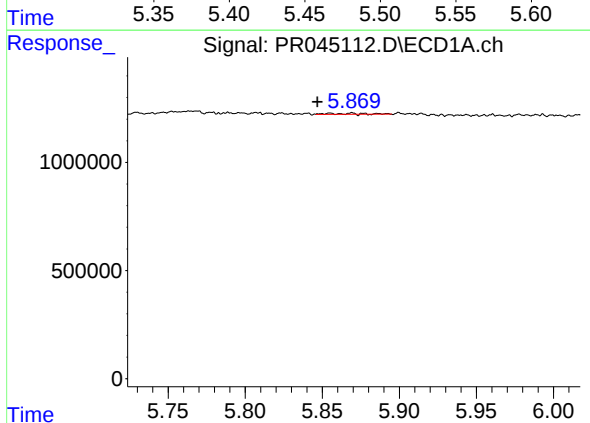
R.T.: 6.125 min  
Delta R.T.: 0.006 min  
Response: 59121  
Conc: 4.45 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :



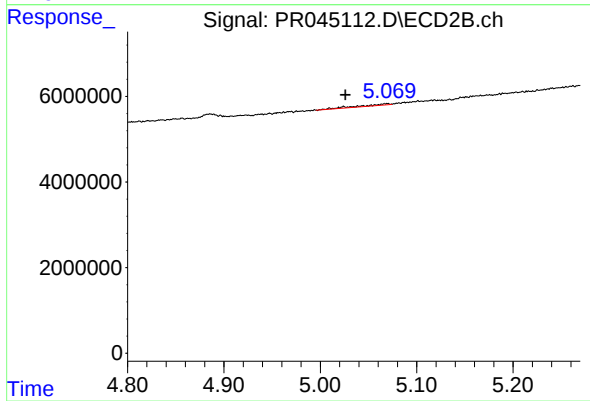
#15 AR-1232-5

R.T.: 5.500 min  
Delta R.T.: 0.022 min  
Response: 481061  
Conc: 3.37 ng/ml



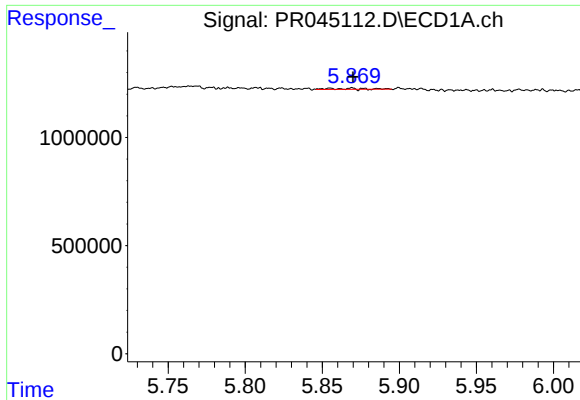
#16 AR-1242-1

R.T.: 5.869 min  
Delta R.T.: 0.022 min  
Response: 62712  
Conc: 1.40 ng/ml



#16 AR-1242-1

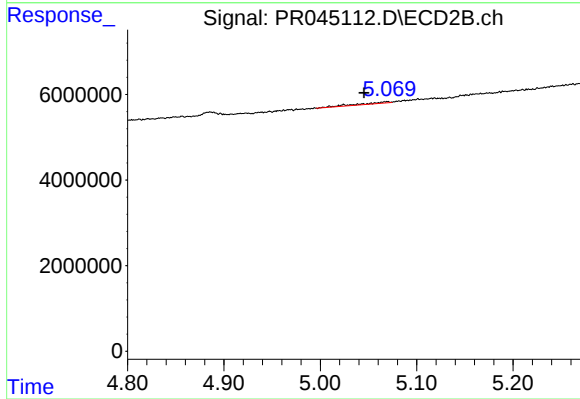
R.T.: 5.069 min  
Delta R.T.: 0.043 min  
Response: 641503  
Conc: 2.01 ng/ml



#17 AR-1242-2

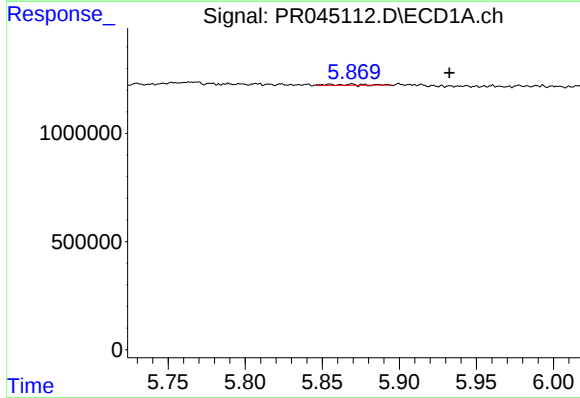
R.T.: 5.869 min  
Delta R.T.: -0.001 min  
Response: 62712  
Conc: 0.99 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :



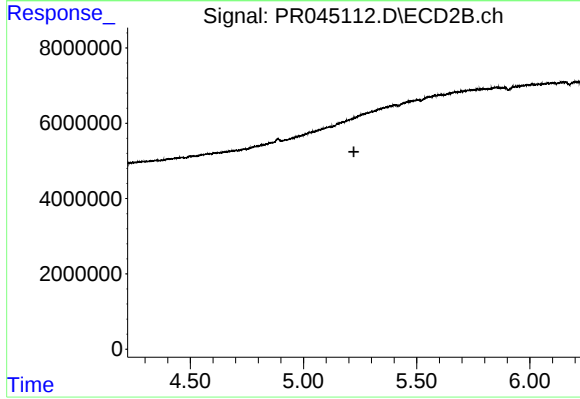
#17 AR-1242-2

R.T.: 5.069 min  
Delta R.T.: 0.024 min  
Response: 641503  
Conc: 1.46 ng/ml



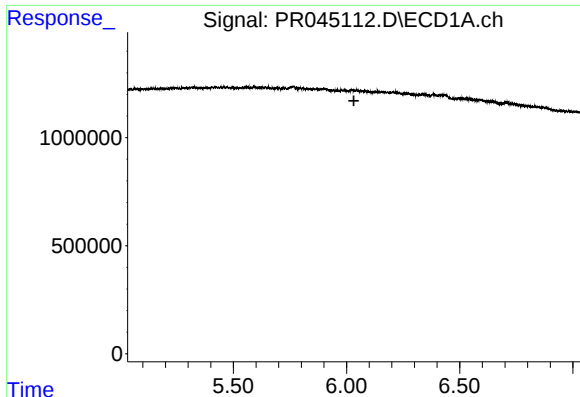
#18 AR-1242-3

R.T.: 5.869 min  
Delta R.T.: -0.064 min  
Response: 62712  
Conc: 1.65 ng/ml



#18 AR-1242-3

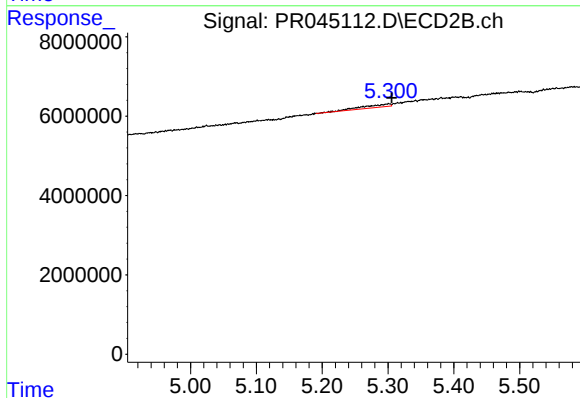
R.T.: 0.000 min  
Exp R.T.: 5.223 min  
Response: 0  
Conc: N.D.



#19 AR-1242-4

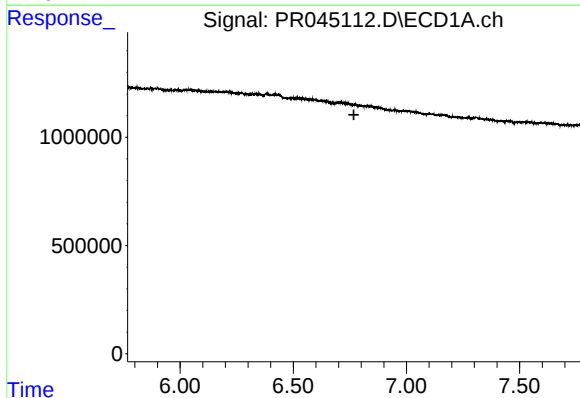
R.T.: 0.000 min  
Exp R.T.: 6.033 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_R  
ClientSampleId :



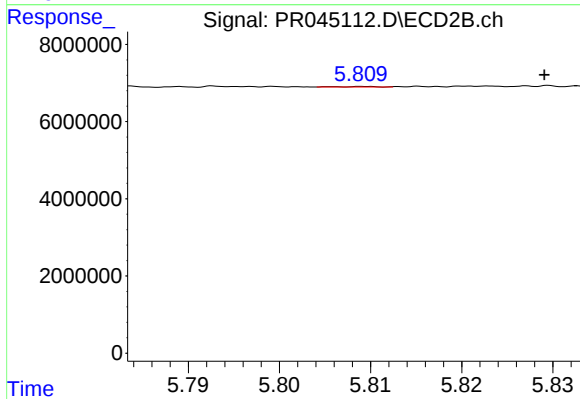
#19 AR-1242-4

R.T.: 5.301 min  
Delta R.T.: -0.004 min  
Response: 2149306  
Conc: 9.29 ng/ml



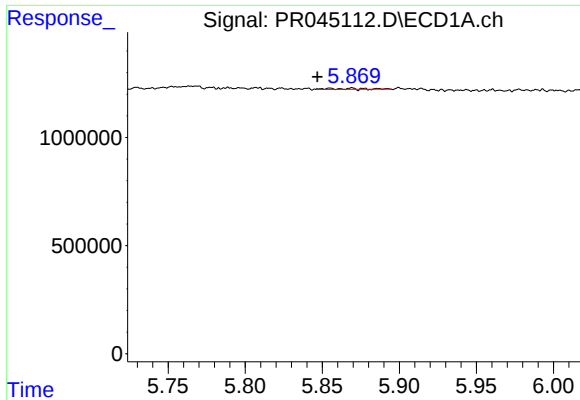
#20 AR-1242-5

R.T.: 0.000 min  
Exp R.T.: 6.768 min  
Response: 0  
Conc: N.D.



#20 AR-1242-5

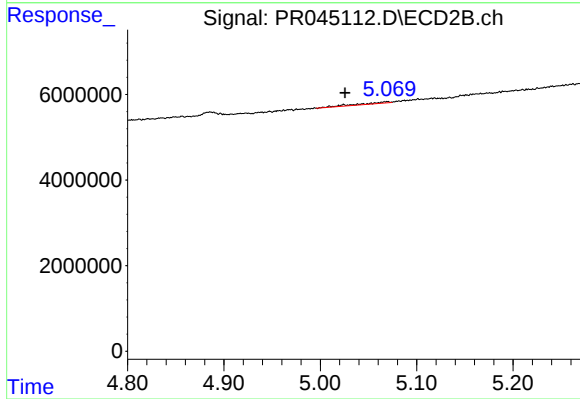
R.T.: 5.810 min  
Delta R.T.: -0.020 min  
Response: 36480  
Conc: 0.10 ng/ml



#21 AR-1248-1

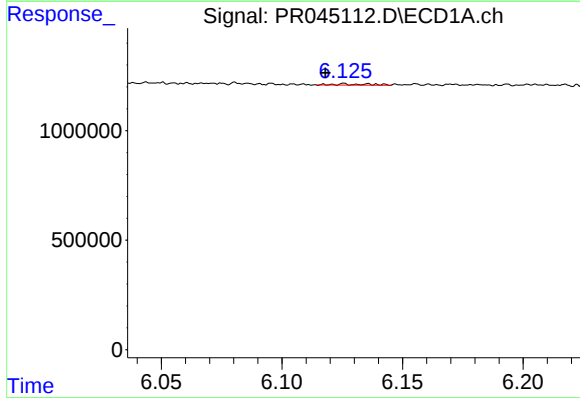
R.T.: 5.869 min  
Delta R.T.: 0.022 min  
Response: 62712  
Conc: 1.83 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :



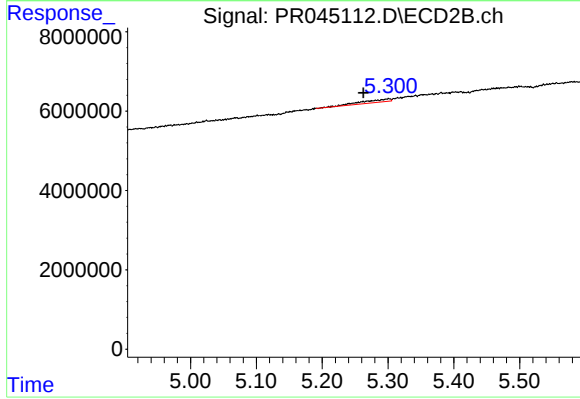
#21 AR-1248-1

R.T.: 5.069 min  
Delta R.T.: 0.043 min  
Response: 641503  
Conc: 2.62 ng/ml



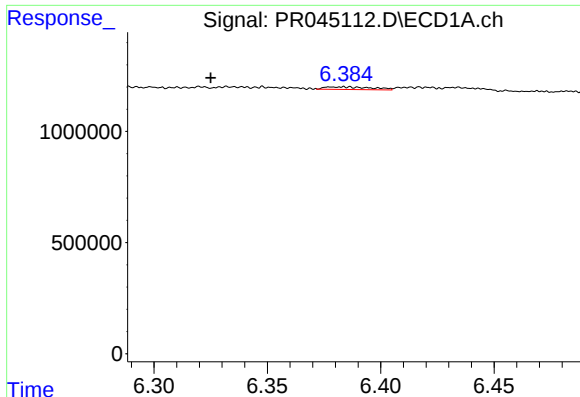
#22 AR-1248-2

R.T.: 6.125 min  
Delta R.T.: 0.007 min  
Response: 59121  
Conc: 1.31 ng/ml



#22 AR-1248-2

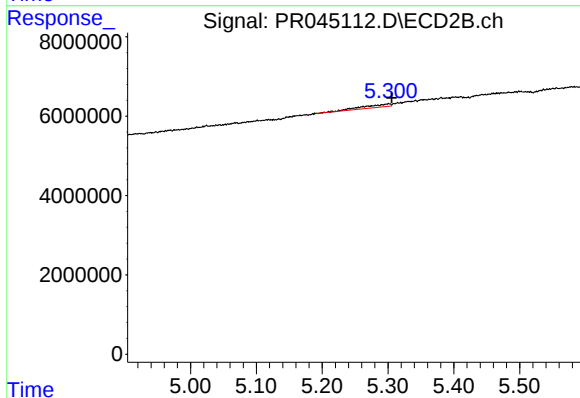
R.T.: 5.301 min  
Delta R.T.: 0.039 min  
Response: 2149306  
Conc: 6.86 ng/ml



#23 AR-1248-3

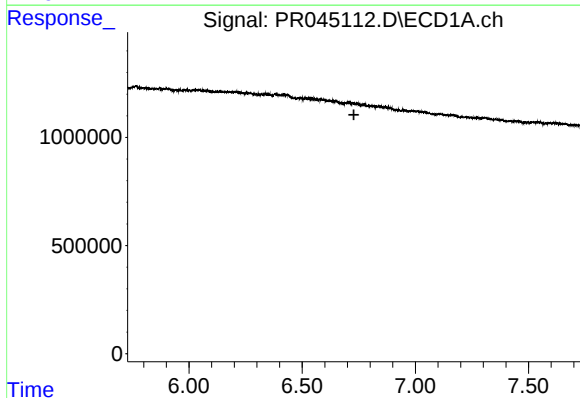
R.T.: 6.383 min  
Delta R.T.: 0.057 min  
Response: 164125  
Conc: 3.21 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :



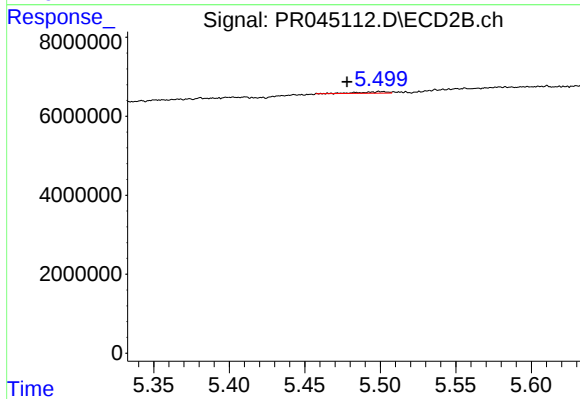
#23 AR-1248-3

R.T.: 5.301 min  
Delta R.T.: -0.004 min  
Response: 2149306  
Conc: 6.64 ng/ml



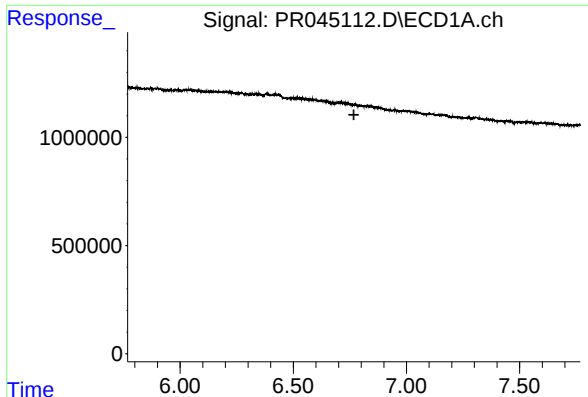
#24 AR-1248-4

R.T.: 0.000 min  
Exp R.T. : 6.729 min  
Response: 0  
Conc: N.D.



#24 AR-1248-4

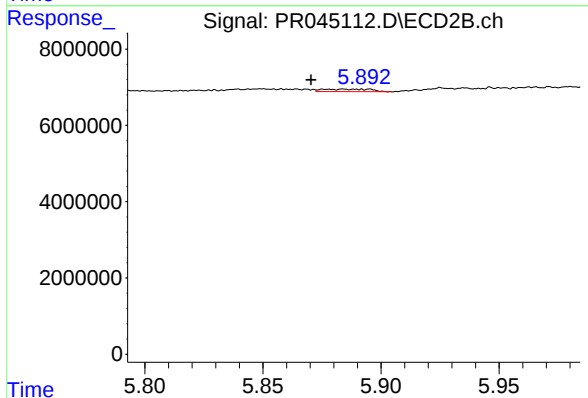
R.T.: 5.500 min  
Delta R.T.: 0.022 min  
Response: 481061  
Conc: 1.11 ng/ml



#25 AR-1248-5

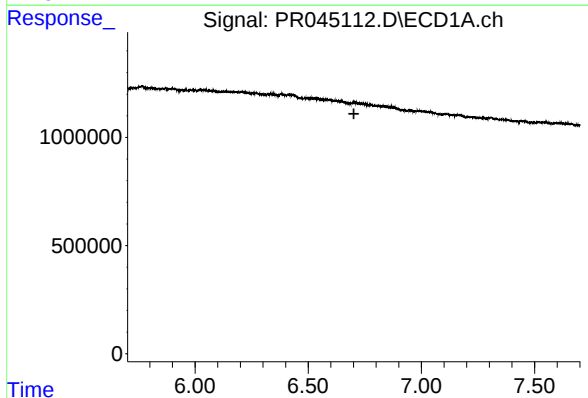
R.T.: 0.000 min  
Exp R.T.: 6.768 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_R  
ClientSampleId :



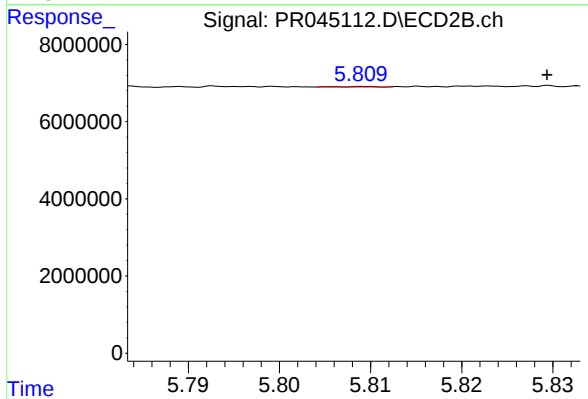
#25 AR-1248-5

R.T.: 5.884 min  
Delta R.T.: 0.014 min  
Response: 915472  
Conc: 1.86 ng/ml



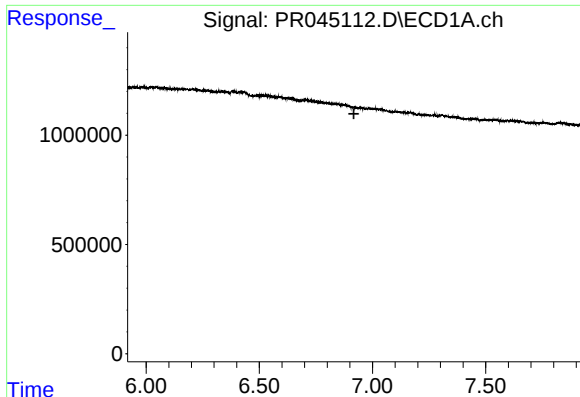
#26 AR-1254-1

R.T.: 0.000 min  
Exp R.T.: 6.702 min  
Response: 0  
Conc: N.D.



#26 AR-1254-1

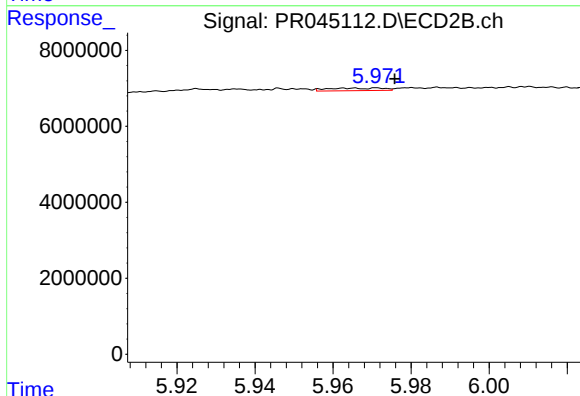
R.T.: 5.810 min  
Delta R.T.: -0.020 min  
Response: 36480  
Conc: 0.05 ng/ml



#27 AR-1254-2

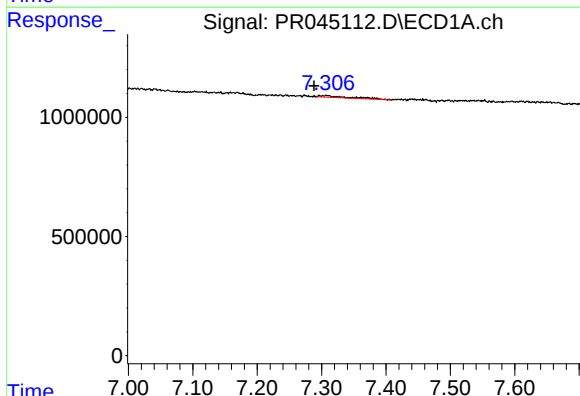
R.T.: 0.000 min  
Exp R.T.: 6.918 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_R  
ClientSampleId :



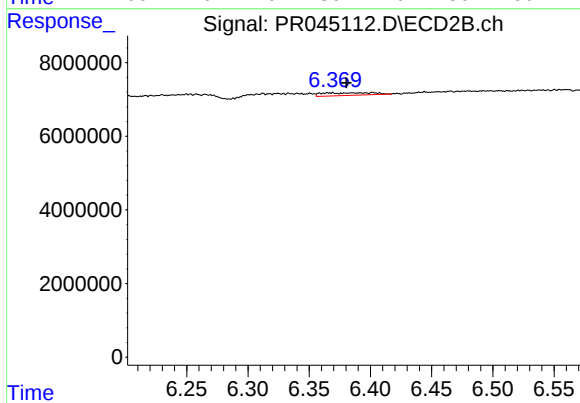
#27 AR-1254-2

R.T.: 5.972 min  
Delta R.T.: -0.004 min  
Response: 666571  
Conc: 0.99 ng/ml



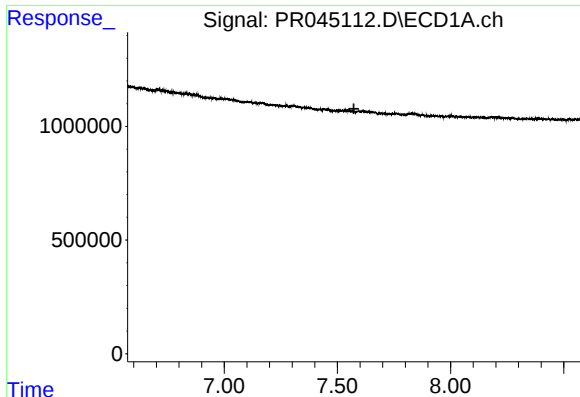
#28 AR-1254-3

R.T.: 7.308 min  
Delta R.T.: 0.019 min  
Response: 233512  
Conc: 2.28 ng/ml



#28 AR-1254-3

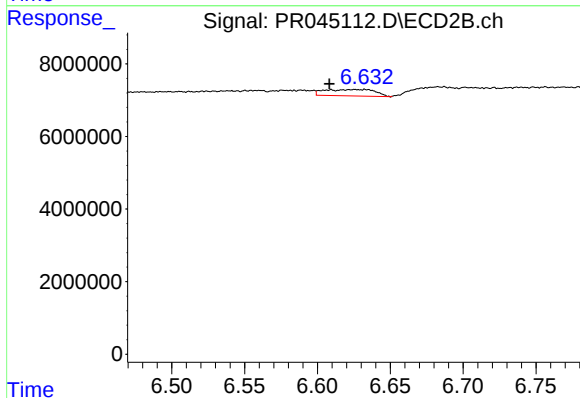
R.T.: 6.402 min  
Delta R.T.: 0.021 min  
Response: 2066185  
Conc: 1.84 ng/ml



#29 AR-1254-4

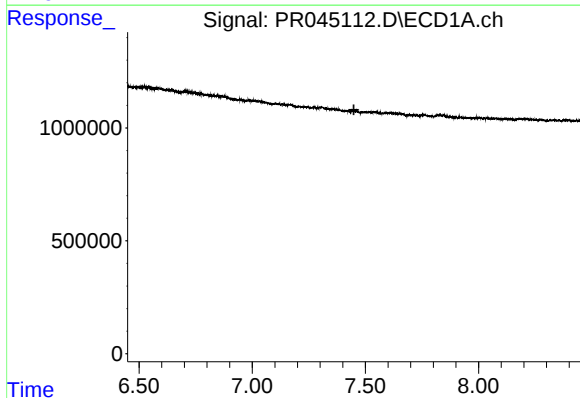
R.T.: 0.000 min  
Exp R.T.: 7.573 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_R  
ClientSampleId :



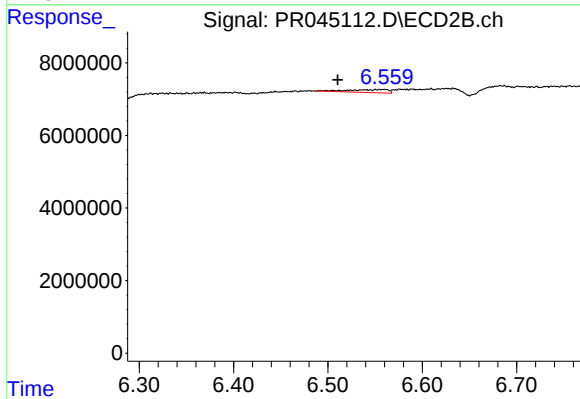
#29 AR-1254-4

R.T.: 6.626 min  
Delta R.T.: 0.018 min  
Response: 4266394  
Conc: 5.10 ng/ml



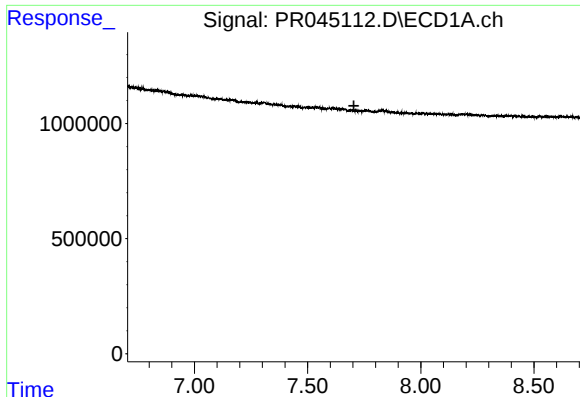
#31 AR-1260-1

R.T.: 0.000 min  
Exp R.T.: 7.449 min  
Response: 0  
Conc: N.D.



#31 AR-1260-1

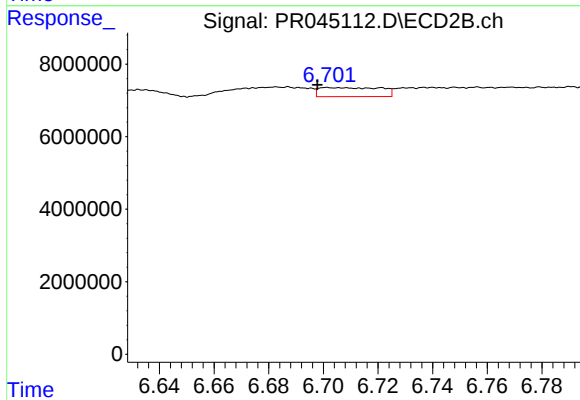
R.T.: 6.558 min  
Delta R.T.: 0.048 min  
Response: 2395293  
Conc: 3.27 ng/ml



#32 AR-1260-2

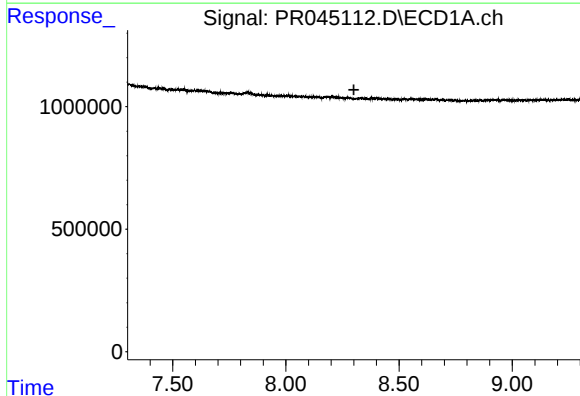
R.T.: 0.000 min  
Exp R.T. : 7.704 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_R  
ClientSampleId :



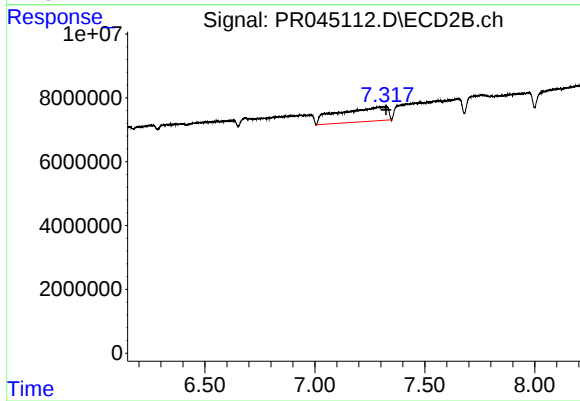
#32 AR-1260-2

R.T.: 6.704 min  
Delta R.T.: 0.006 min  
Response: 3872916  
Conc: 3.59 ng/ml



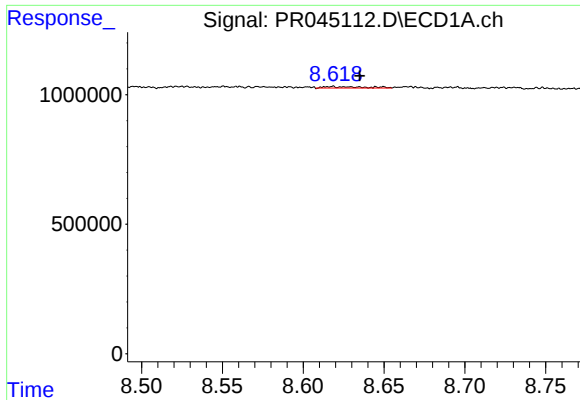
#34 AR-1260-4

R.T.: 0.000 min  
Exp R.T. : 8.300 min  
Response: 0  
Conc: N.D.



#34 AR-1260-4

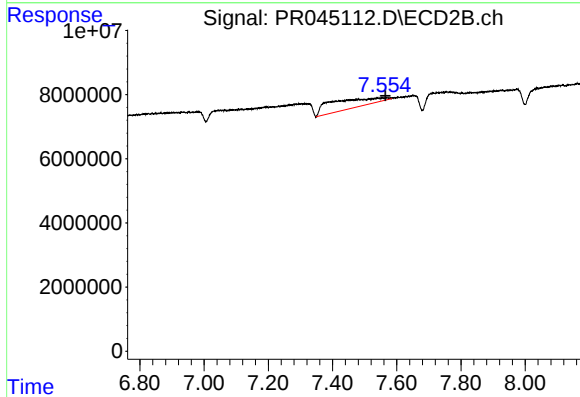
R.T.: 7.318 min  
Delta R.T.: -0.006 min  
Response: 69876970  
Conc: 91.27 ng/ml



#35 AR-1260-5

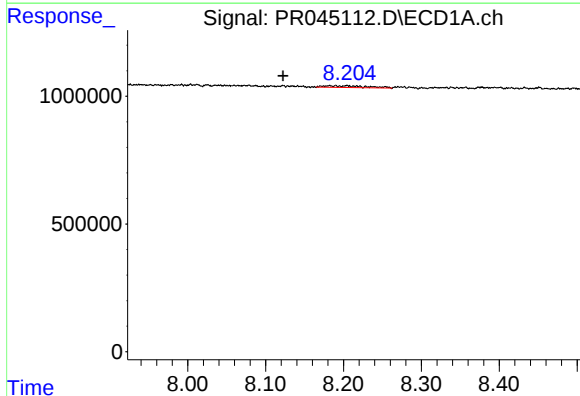
R.T.: 8.618 min  
Delta R.T.: -0.017 min  
Response: 95038  
Conc: 0.55 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :



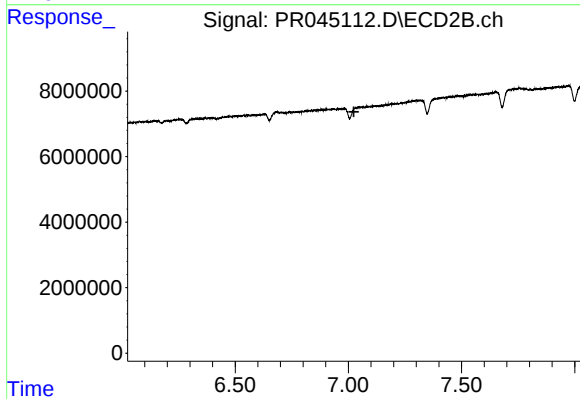
#35 AR-1260-5

R.T.: 7.555 min  
Delta R.T.: -0.010 min  
Response: 30038068  
Conc: 13.19 ng/ml



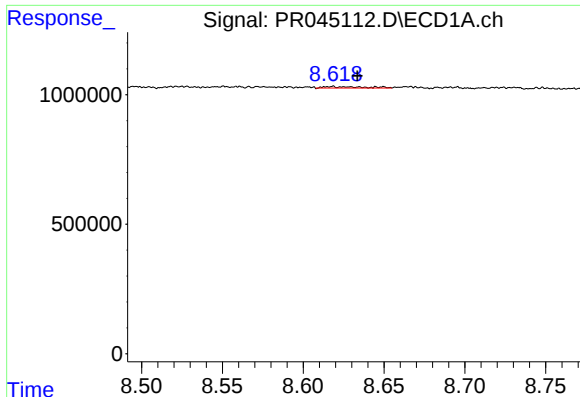
#36 AR-1262-1

R.T.: 8.182 min  
Delta R.T.: 0.059 min  
Response: 253202  
Conc: 5.50 ng/ml



#36 AR-1262-1

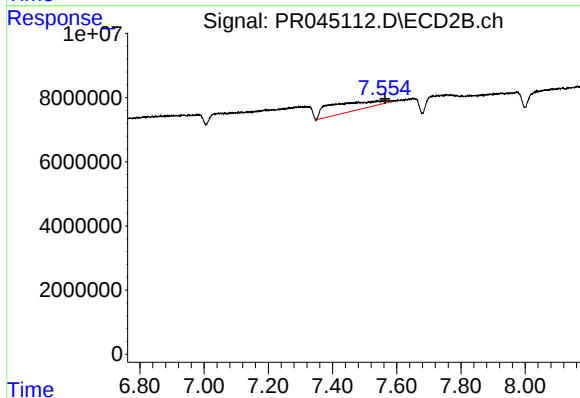
R.T.: 0.000 min  
Exp R.T.: 7.025 min  
Response: 0  
Conc: N.D.



#37 AR-1262-2

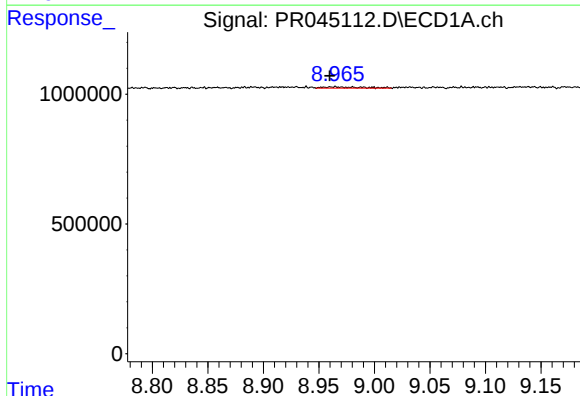
R.T.: 8.618 min  
Delta R.T.: -0.016 min  
Response: 95038  
Conc: 0.45 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :



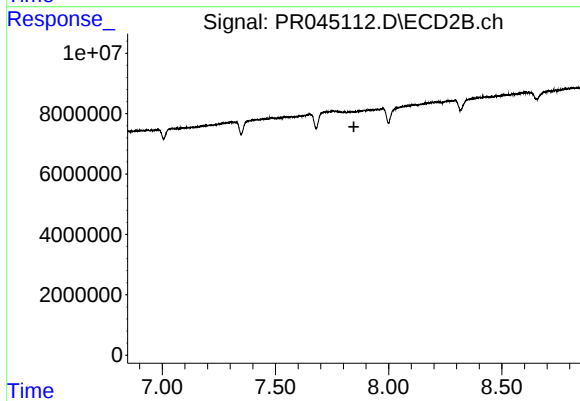
#37 AR-1262-2

R.T.: 7.555 min  
Delta R.T.: -0.009 min  
Response: 30038068  
Conc: 11.56 ng/ml



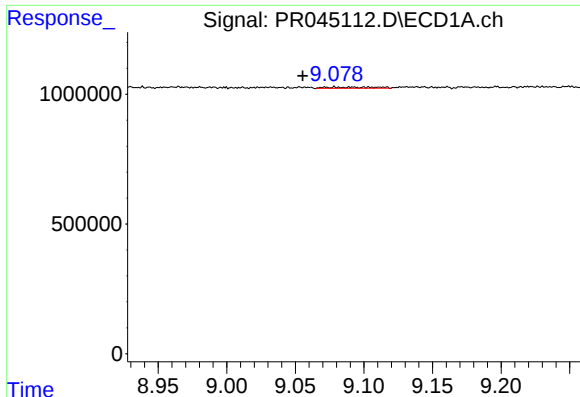
#38 AR-1262-3

R.T.: 8.964 min  
Delta R.T.: 0.004 min  
Response: 127083  
Conc: 0.87 ng/ml



#38 AR-1262-3

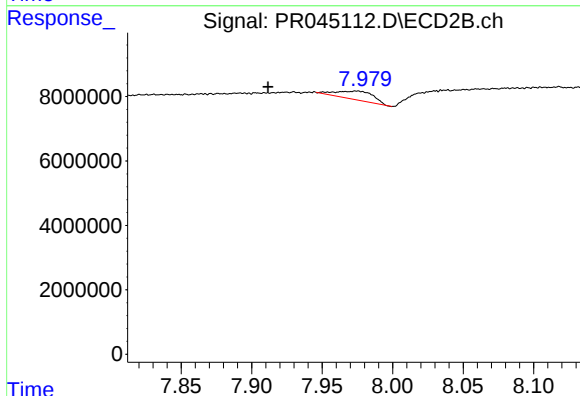
R.T.: 0.000 min  
Exp R.T.: 7.847 min  
Response: 0  
Conc: N.D.



#39 AR-1262-4

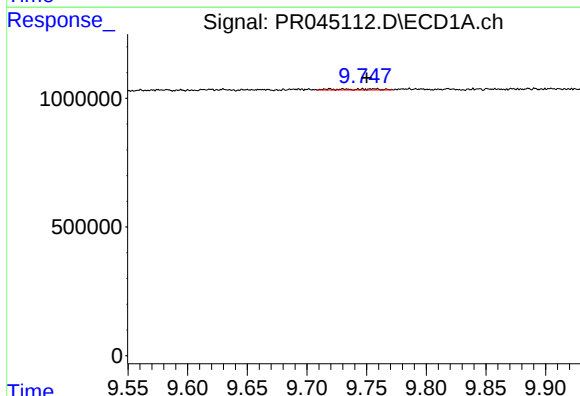
R.T.: 9.079 min  
Delta R.T.: 0.023 min  
Response: 101977  
Conc: 0.89 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :



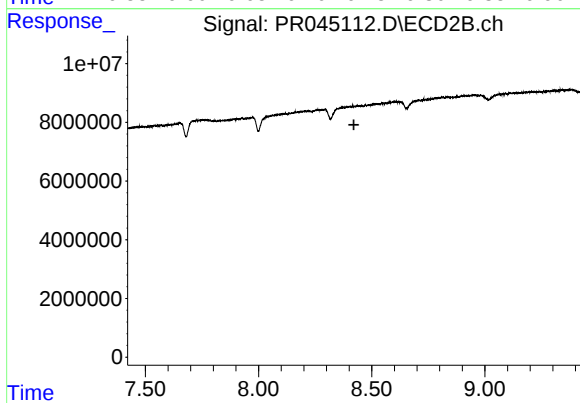
#39 AR-1262-4

R.T.: 7.974 min  
Delta R.T.: 0.063 min  
Response: 4866978  
Conc: 2.77 ng/ml



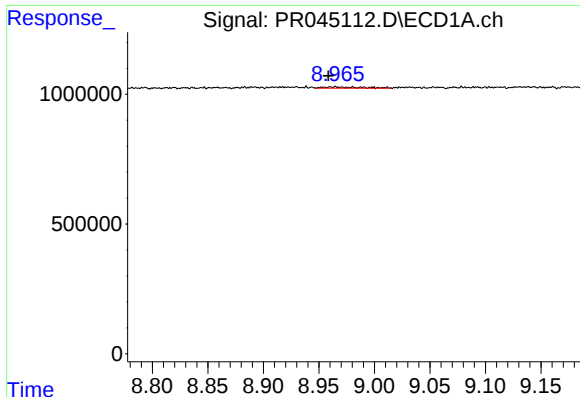
#40 AR-1262-5

R.T.: 9.756 min  
Delta R.T.: 0.006 min  
Response: 100773  
Conc: 1.18 ng/ml



#40 AR-1262-5

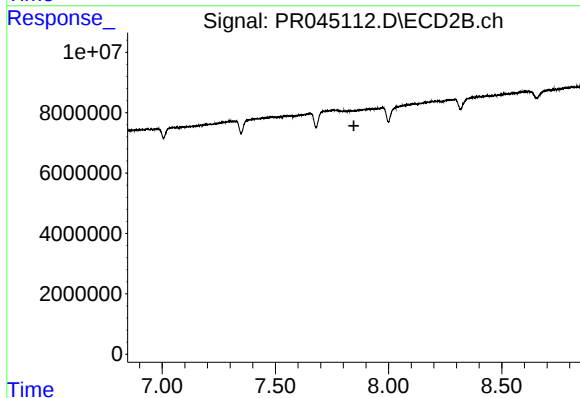
R.T.: 0.000 min  
Exp R.T.: 8.421 min  
Response: 0  
Conc: N.D.



#41 AR-1268-1

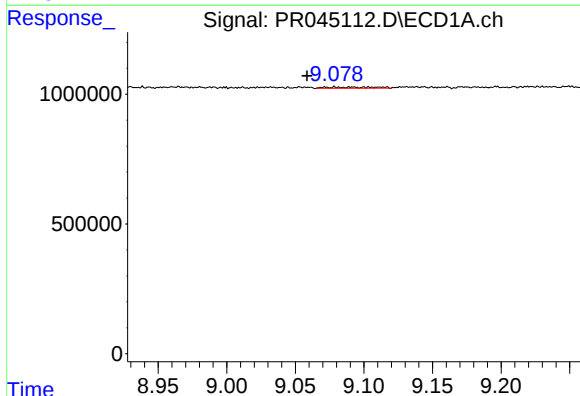
R.T.: 8.964 min  
Delta R.T.: 0.006 min  
Response: 127083  
Conc: 0.50 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :



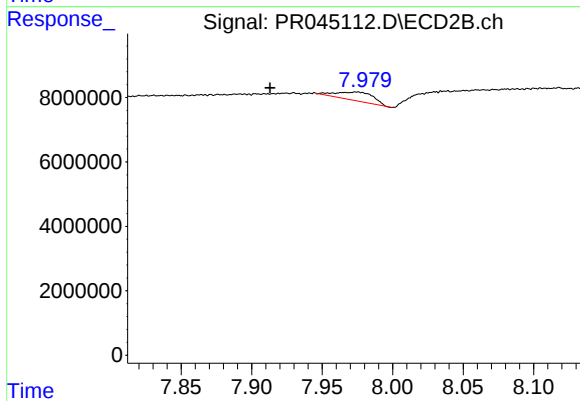
#41 AR-1268-1

R.T.: 0.000 min  
Exp R.T. : 7.847 min  
Response: 0  
Conc: N.D.



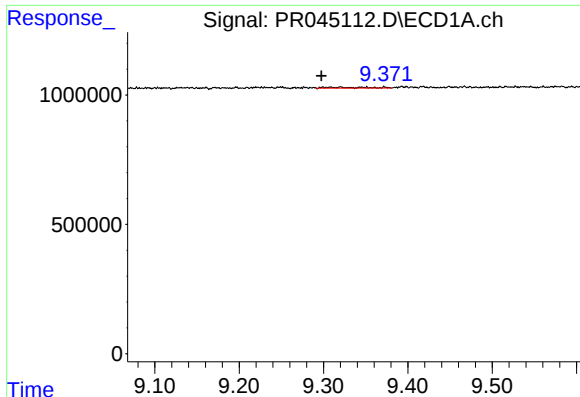
#42 AR-1268-2

R.T.: 9.079 min  
Delta R.T.: 0.020 min  
Response: 101977  
Conc: 0.42 ng/ml



#42 AR-1268-2

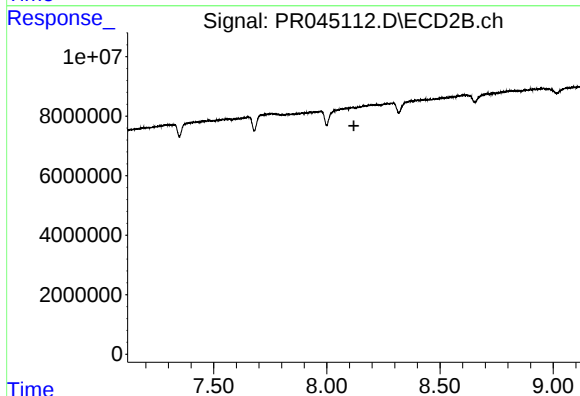
R.T.: 7.974 min  
Delta R.T.: 0.061 min  
Response: 4866978  
Conc: 1.91 ng/ml



#43 AR-1268-3

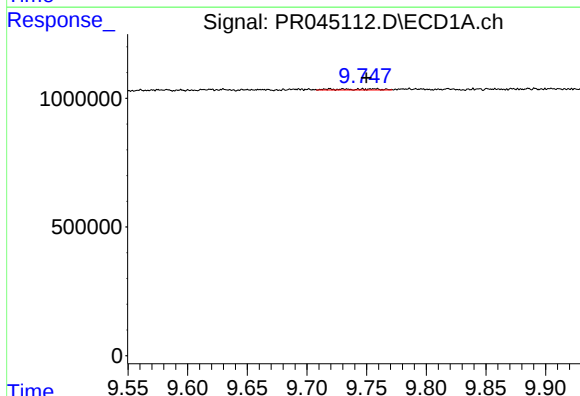
R.T.: 9.321 min  
Delta R.T.: 0.023 min  
Response: 117303  
Conc: 0.57 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :



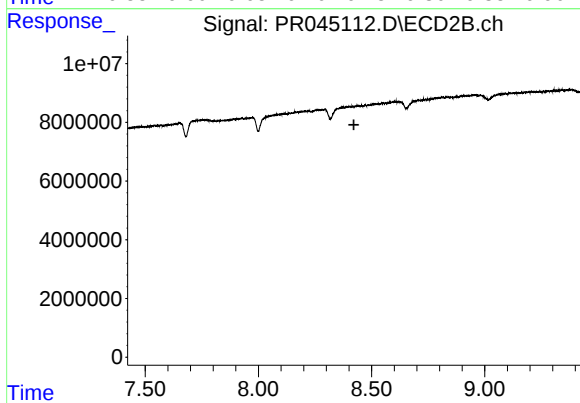
#43 AR-1268-3

R.T.: 0.000 min  
Exp R.T. : 8.119 min  
Response: 0  
Conc: N.D.



#44 AR-1268-4

R.T.: 9.756 min  
Delta R.T.: 0.006 min  
Response: 100773  
Conc: 1.08 ng/ml



#44 AR-1268-4

R.T.: 0.000 min  
Exp R.T. : 8.422 min  
Response: 0  
Conc: N.D.