

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_R\Data\PR120519\  
 Data File : PR043551.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 05 Dec 2019 17:31  
 Operator : SM\AJ  
 Sample : K6152-12  
 Misc :  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 ECD\_R  
 ClientSampleId :  
 P001-CC43-0612-01

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Dec 06 00:45:45 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_R\Method\PR120419CLP.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Thu Dec 05 02:16:29 2019  
 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... | 4.709  | 3.969  | 127.0E6  | 174.2E6  | 22.854 | 22.664   |
| 2)                          | SA Decachlor... | 10.622 | 9.062  | 159.7E6  | 382.5E6  | 42.458 | 38.644   |
| Target Compounds            |                 |        |        |          |          |        |          |
| 3)                          | L1 AR-1016-1    | 0.000  | 5.118f | 0        | 2766518  | N.D.   | 6.823 #  |
| 4)                          | L1 AR-1016-2    | 0.000  | 5.118f | 0        | 2766518  | N.D.   | 4.961 #  |
| 7)                          | L1 AR-1016-5    | 6.353  | 0.000  | 188769   | 0        | 1.382  | N.D. #   |
| 9)                          | L2 AR-1221-2    | 5.021  | 4.275  | 1562716  | 4740792  | 38.472 | 75.913 # |
| 10)                         | L2 AR-1221-3    | 5.021f | 4.275f | 1562716  | 4740792  | 11.527 | 21.703 # |
| 11)                         | L3 AR-1232-1    | 5.021f | 4.275f | 1562716  | 4740792  | 14.759 | 27.402 # |
| 12)                         | L3 AR-1232-2    | 5.550f | 5.118f | 1347699  | 2766518  | 24.627 | 11.838 # |
| 16)                         | L4 AR-1242-1    | 0.000  | 5.118f | 0        | 2766518  | N.D.   | 8.337 #  |
| 17)                         | L4 AR-1242-2    | 0.000  | 5.118f | 0        | 2766518  | N.D.   | 6.014 #  |
| 20)                         | L4 AR-1242-5    | 6.790  | 0.000  | 379870   | 0        | 3.005  | N.D. #   |
| 21)                         | L5 AR-1248-1    | 0.000  | 5.118f | 0        | 2766518  | N.D.   | 11.266 # |
| 23)                         | L5 AR-1248-3    | 6.353  | 0.000  | 188769   | 0        | 1.045  | N.D. #   |
| 24)                         | L5 AR-1248-4    | 6.790  | 0.000  | 379870   | 0        | 1.820  | N.D. #   |
| 25)                         | L5 AR-1248-5    | 6.790  | 0.000  | 379870   | 0        | 1.923  | N.D. #   |
| 26)                         | L6 AR-1254-1    | 6.743  | 0.000  | 785080   | 0        | 3.598  | N.D. #   |
| 27)                         | L6 AR-1254-2    | 6.960  | 0.000  | 1282789  | 0        | 3.805  | N.D. #   |
| 28)                         | L6 AR-1254-3    | 7.353  | 0.000  | 1270926  | 0        | 3.634  | N.D. #   |
| 29)                         | L6 AR-1254-4    | 7.617  | 6.639  | 713582   | 5675060  | 2.857  | 7.881 #  |
| 30)                         | L6 AR-1254-5    | 8.036  | 0.000  | 1931705  | 0        | 7.500  | N.D. #   |
| 31)                         | L7 AR-1260-1    | 7.490  | 6.560  | 2463203  | 11159313 | 9.852  | 16.618 # |
| 32)                         | L7 AR-1260-2    | 7.746  | 6.739  | 1431963  | 4144029  | 4.836  | 4.278    |
| 33)                         | L7 AR-1260-3    | 8.105  | 0.000  | 657500   | 0        | 2.986  | N.D. #   |
| 34)                         | L7 AR-1260-4    | 8.340  | 7.343  | 17240619 | 35112269 | 69.161 | 55.639   |
| 35)                         | L7 AR-1260-5    | 8.685  | 0.000  | 443894   | 0        | 0.922  | N.D. #   |
| 36)                         | L8 AR-1262-1    | 8.171  | 0.000  | 604389   | 0        | 4.577  | N.D. #   |
| 37)                         | L8 AR-1262-2    | 8.685  | 0.000  | 443894   | 0        | 0.780  | N.D. #   |
| 38)                         | L8 AR-1262-3    | 0.000  | 7.853f | 0        | 20825329 | N.D.   | 27.304 # |
| 39)                         | L8 AR-1262-4    | 9.117  | 7.973  | 506478   | 6758764  | 1.902  | 5.445 #  |
| 40)                         | L8 AR-1262-5    | 9.811  | 0.000  | 723192   | 0        | 3.845  | N.D. #   |
| 41)                         | L9 AR-1268-1    | 0.000  | 7.853f | 0        | 20825329 | N.D.   | 9.694 #  |
| 42)                         | L9 AR-1268-2    | 9.117  | 7.973  | 506478   | 6758764  | 0.879  | 3.723 #  |
| 43)                         | L9 AR-1268-3    | 9.358  | 8.167  | 1512758  | 12962749 | 3.216  | 8.419 #  |
| 44)                         | L9 AR-1268-4    | 9.811  | 0.000  | 723192   | 0        | 3.528  | N.D. #   |
| 45)                         | L9 AR-1268-5    | 10.261 | 8.787  | 1275876  | 3759994  | 0.816  | 0.889    |
| -----                       |                 |        |        |          |          |        |          |

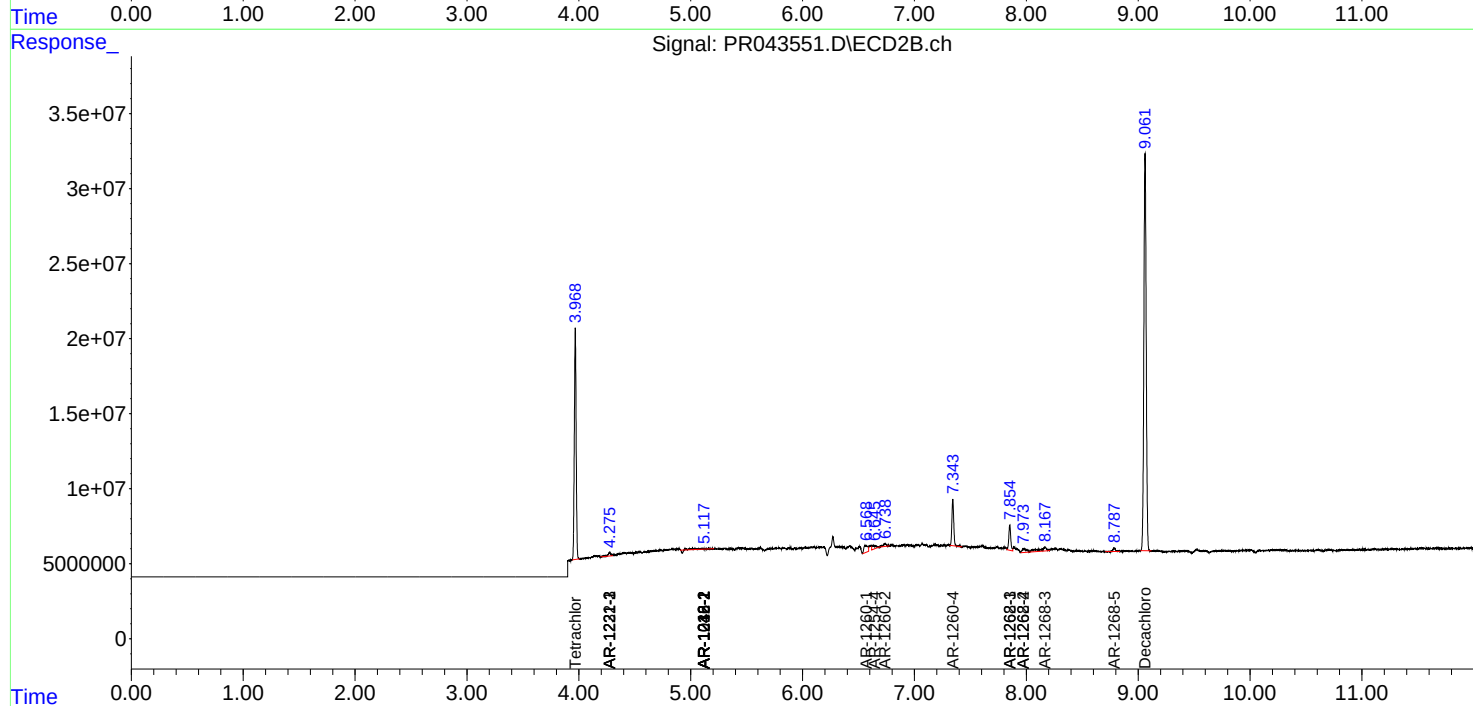
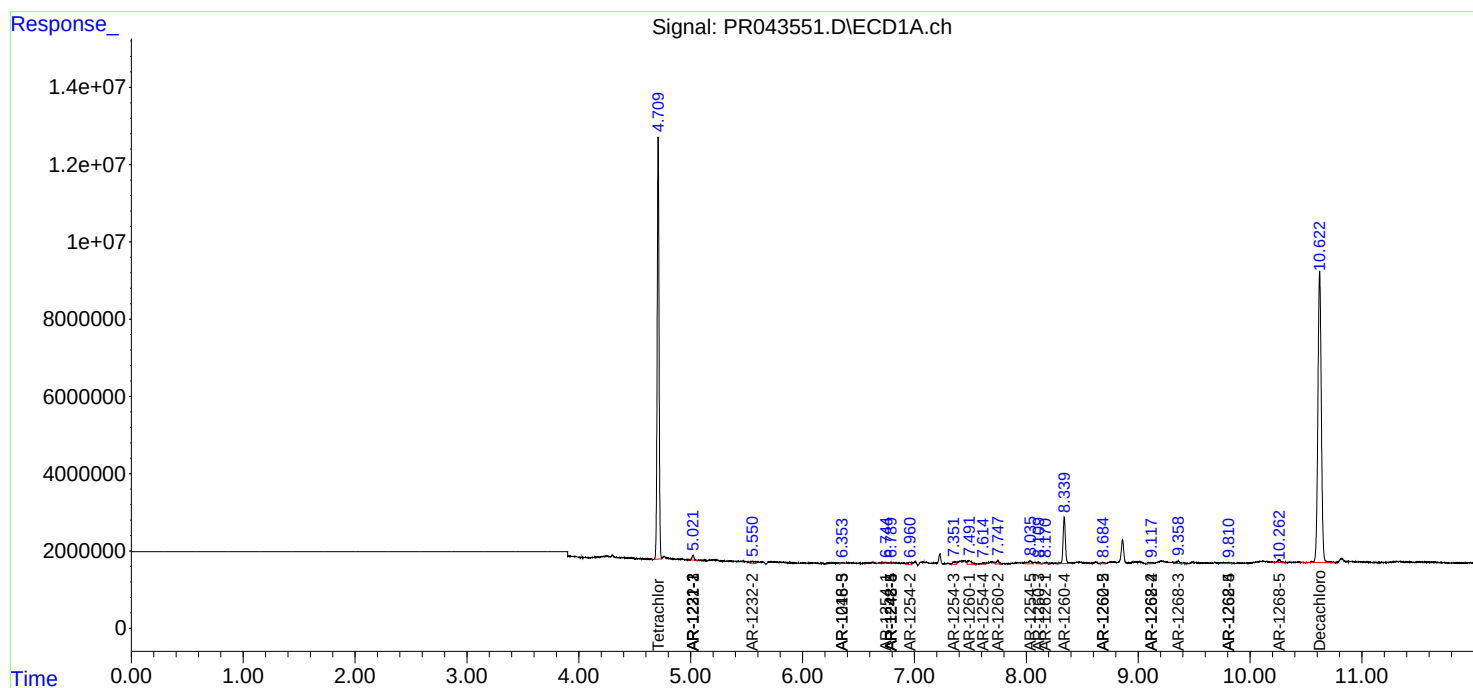
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

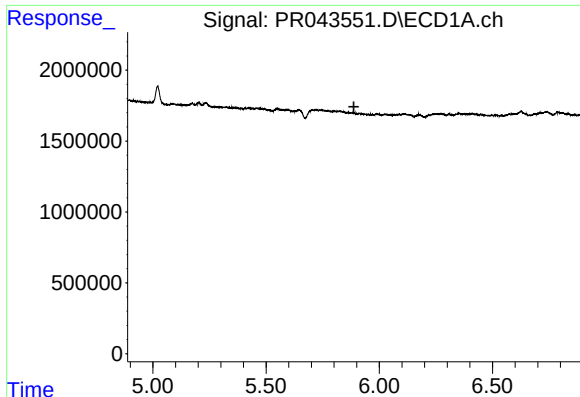
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_R\Data\PR120519\  
Data File : PR043551.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 05 Dec 2019 17:31  
Operator : SM\AJ  
Sample : K6152-12  
Misc :  
ALS Vial : 19 Sample Multiplier: 1

Instrument :  
ECD\_R  
ClientSampleId :  
P001-CC43-0612-01

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Dec 06 00:45:45 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_R\Method\PR120419CLP.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Thu Dec 05 02:16:29 2019  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 1 µl  
Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2  
Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

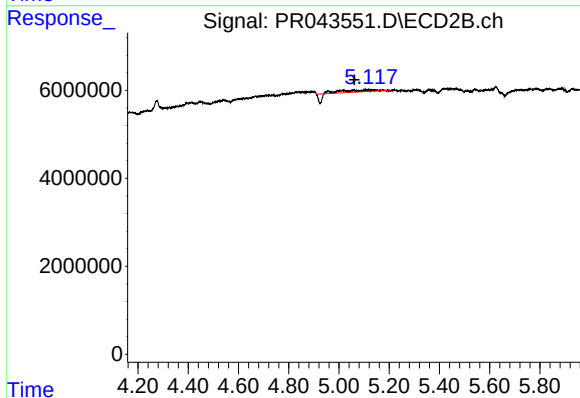




#3 AR-1016-1

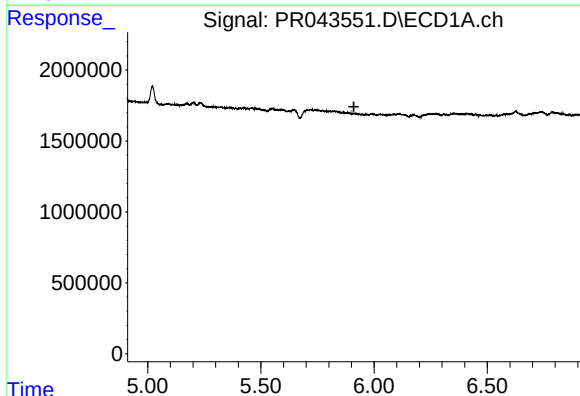
R.T.: 0.000 min  
Exp R.T.: 5.888 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_R  
ClientSampleId :  
P001-CC43-0612-01



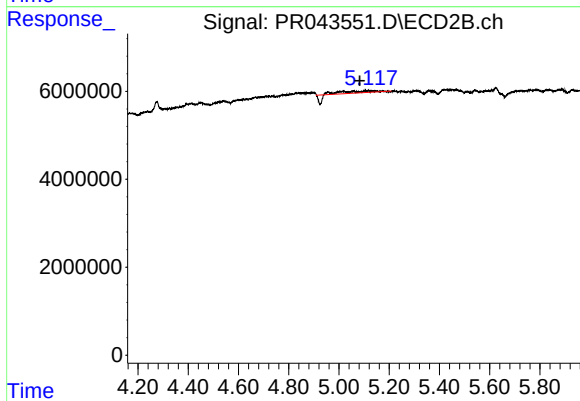
#3 AR-1016-1

R.T.: 5.118 min  
Delta R.T.: 0.056 min  
Response: 2766518  
Conc: 6.82 ng/ml



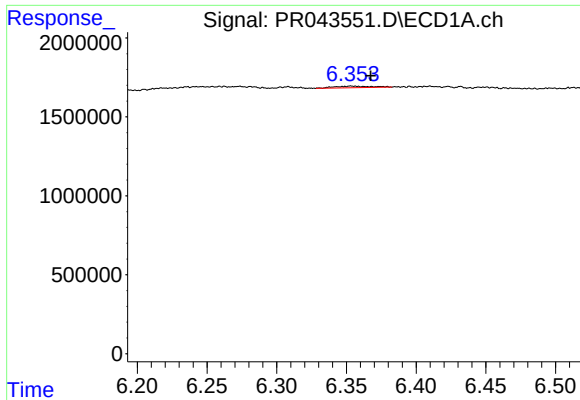
#4 AR-1016-2

R.T.: 0.000 min  
Exp R.T.: 5.911 min  
Response: 0  
Conc: N.D.



#4 AR-1016-2

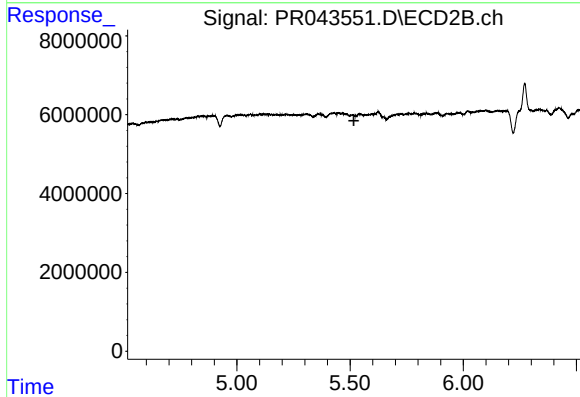
R.T.: 5.118 min  
Delta R.T.: 0.036 min  
Response: 2766518  
Conc: 4.96 ng/ml



#7 AR-1016-5

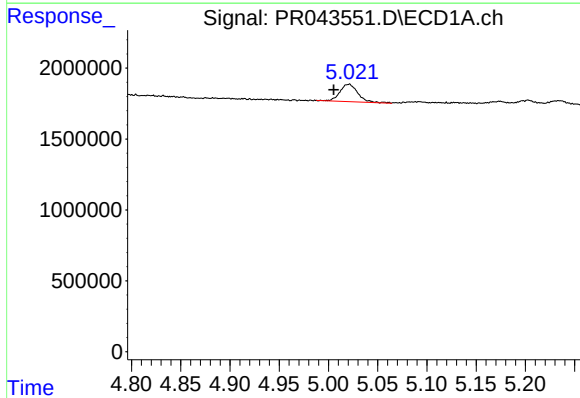
R.T.: 6.353 min  
Delta R.T.: -0.014 min  
Response: 188769  
Conc: 1.38 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
P001-CC43-0612-01



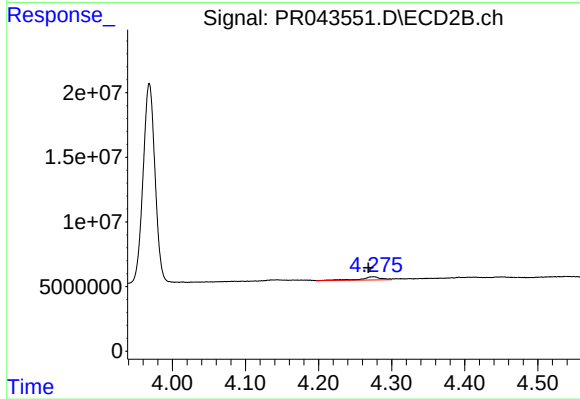
#7 AR-1016-5

R.T.: 0.000 min  
Exp R.T. : 5.517 min  
Response: 0  
Conc: N.D.



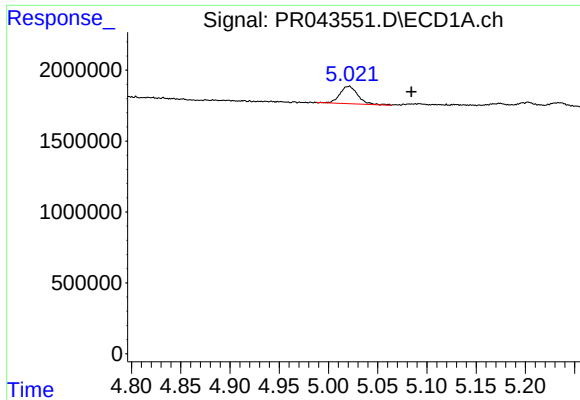
#9 AR-1221-2

R.T.: 5.021 min  
Delta R.T.: 0.015 min  
Response: 1562716  
Conc: 38.47 ng/ml



#9 AR-1221-2

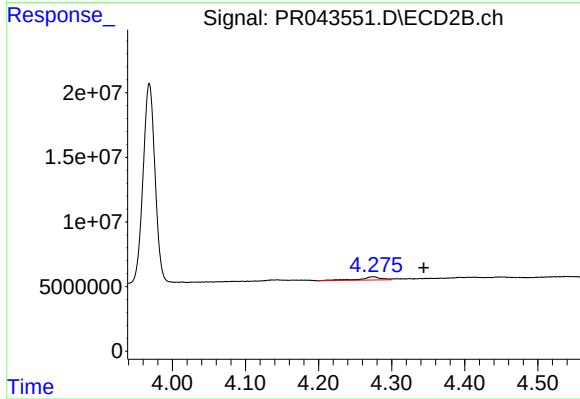
R.T.: 4.275 min  
Delta R.T.: 0.007 min  
Response: 4740792  
Conc: 75.91 ng/ml



#10 AR-1221-3

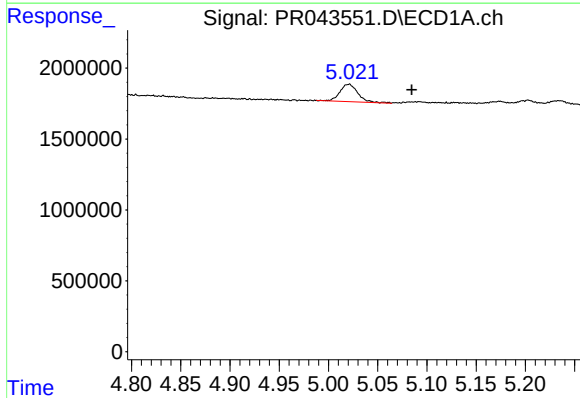
R.T.: 5.021 min  
Delta R.T.: -0.063 min  
Response: 1562716  
Conc: 11.53 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
P001-CC43-0612-01



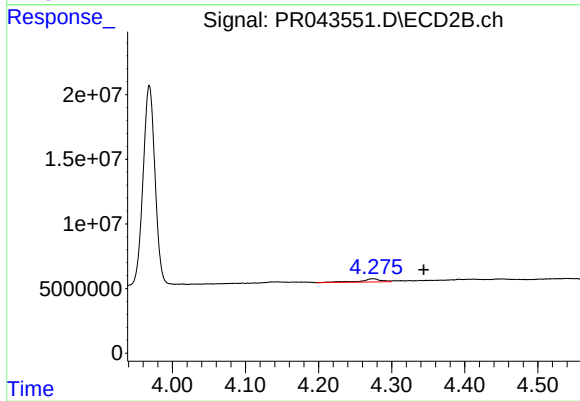
#10 AR-1221-3

R.T.: 4.275 min  
Delta R.T.: -0.069 min  
Response: 4740792  
Conc: 21.70 ng/ml



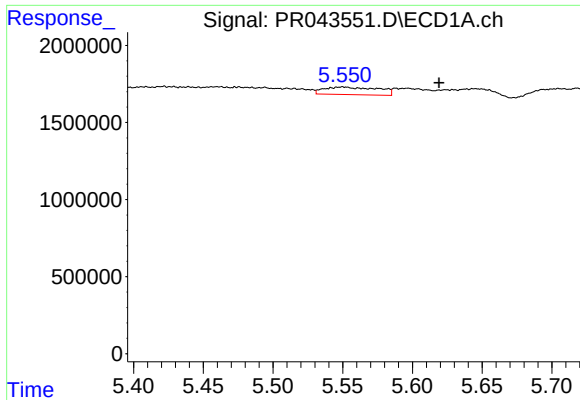
#11 AR-1232-1

R.T.: 5.021 min  
Delta R.T.: -0.064 min  
Response: 1562716  
Conc: 14.76 ng/ml



#11 AR-1232-1

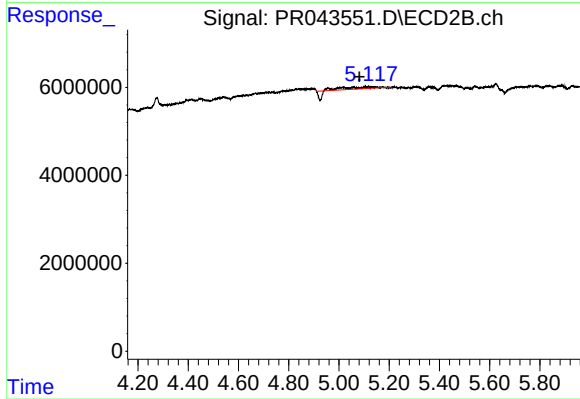
R.T.: 4.275 min  
Delta R.T.: -0.068 min  
Response: 4740792  
Conc: 27.40 ng/ml



#12 AR-1232-2

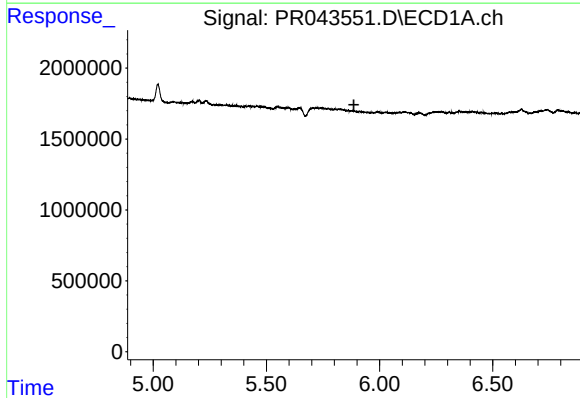
R.T.: 5.550 min  
Delta R.T.: -0.069 min  
Response: 1347699  
Conc: 24.63 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
P001-CC43-0612-01



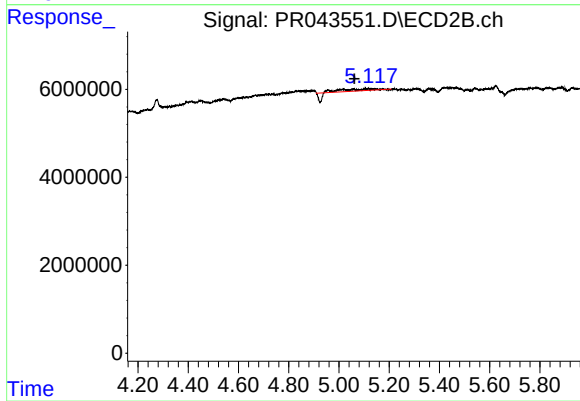
#12 AR-1232-2

R.T.: 5.118 min  
Delta R.T.: 0.036 min  
Response: 2766518  
Conc: 11.84 ng/ml



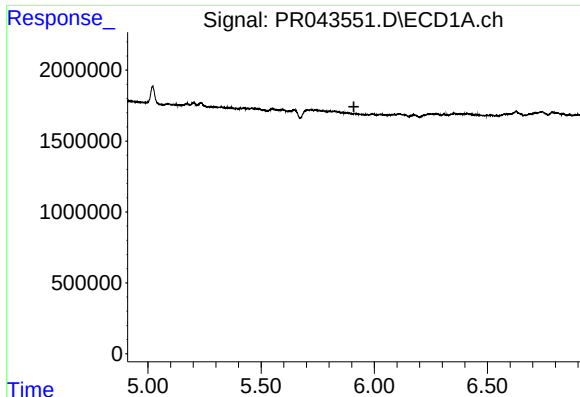
#16 AR-1242-1

R.T.: 0.000 min  
Exp R.T. : 5.887 min  
Response: 0  
Conc: N.D.



#16 AR-1242-1

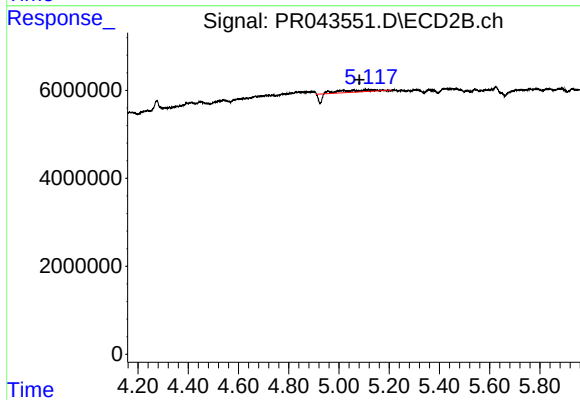
R.T.: 5.118 min  
Delta R.T.: 0.056 min  
Response: 2766518  
Conc: 8.34 ng/ml



#17 AR-1242-2

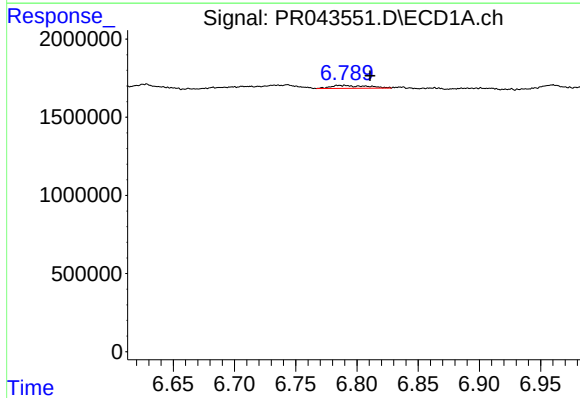
R.T.: 0.000 min  
Exp R.T.: 5.910 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_R  
ClientSampleId :  
P001-CC43-0612-01



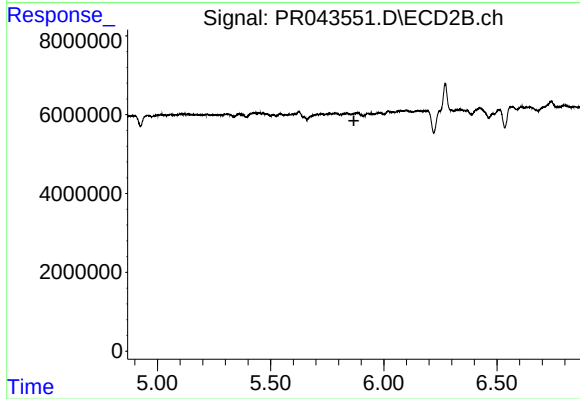
#17 AR-1242-2

R.T.: 5.118 min  
Delta R.T.: 0.037 min  
Response: 2766518  
Conc: 6.01 ng/ml



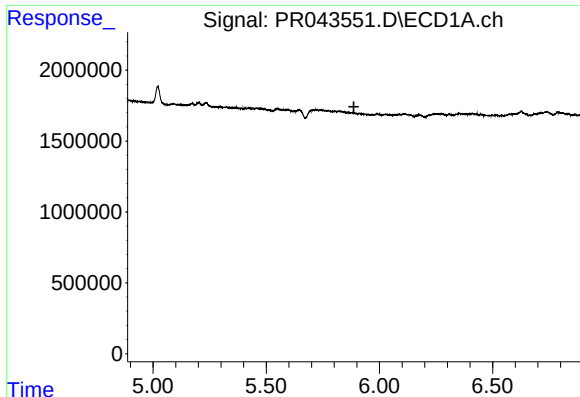
#20 AR-1242-5

R.T.: 6.790 min  
Delta R.T.: -0.020 min  
Response: 379870  
Conc: 3.00 ng/ml



#20 AR-1242-5

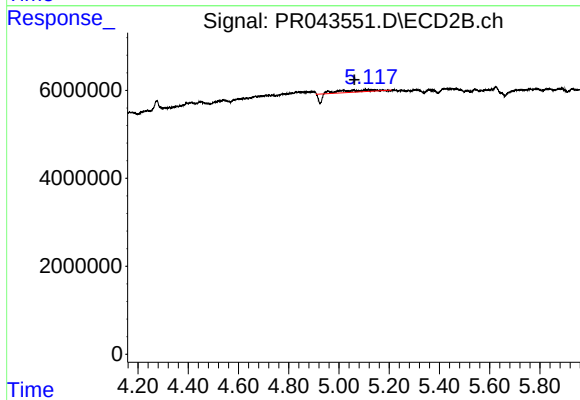
R.T.: 0.000 min  
Exp R.T.: 5.868 min  
Response: 0  
Conc: N.D.



#21 AR-1248-1

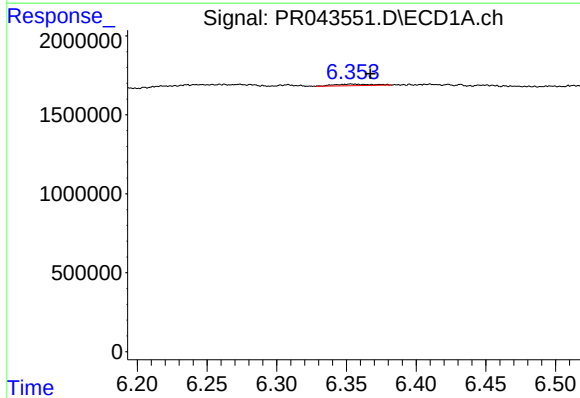
R.T.: 0.000 min  
Exp R.T.: 5.887 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_R  
ClientSampleId :  
P001-CC43-0612-01



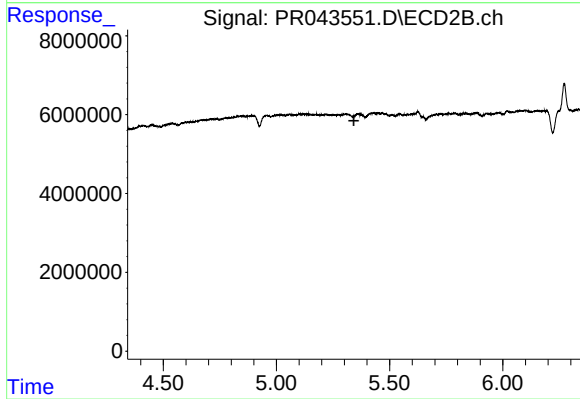
#21 AR-1248-1

R.T.: 5.118 min  
Delta R.T.: 0.056 min  
Response: 2766518  
Conc: 11.27 ng/ml



#23 AR-1248-3

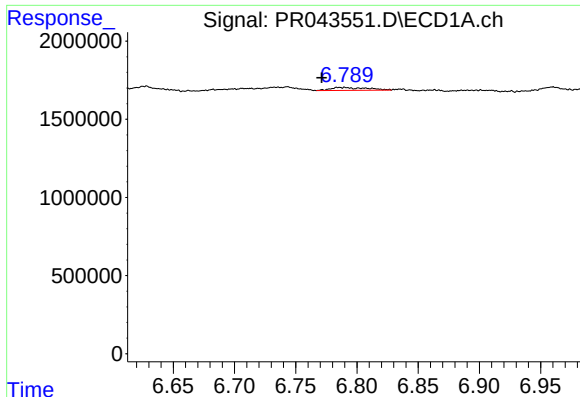
R.T.: 6.353 min  
Delta R.T.: -0.014 min  
Response: 188769  
Conc: 1.04 ng/ml



#23 AR-1248-3

R.T.: 0.000 min  
Exp R.T.: 5.342 min  
Response: 0  
Conc: N.D.

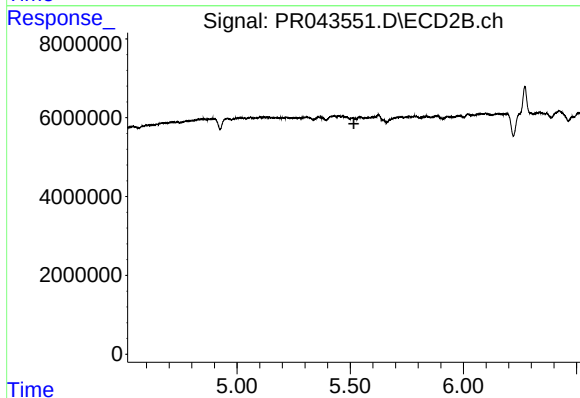




#24 AR-1248-4

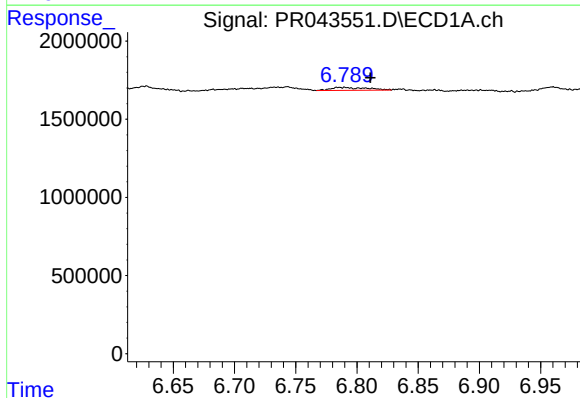
R.T.: 6.790 min  
Delta R.T.: 0.019 min  
Response: 379870  
Conc: 1.82 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
P001-CC43-0612-01



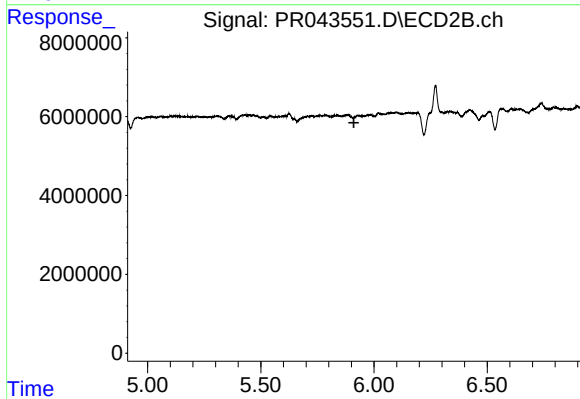
#24 AR-1248-4

R.T.: 0.000 min  
Exp R.T. : 5.516 min  
Response: 0  
Conc: N.D.



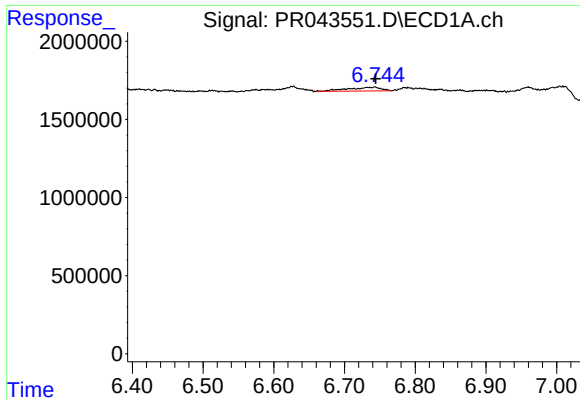
#25 AR-1248-5

R.T.: 6.790 min  
Delta R.T.: -0.021 min  
Response: 379870  
Conc: 1.92 ng/ml



#25 AR-1248-5

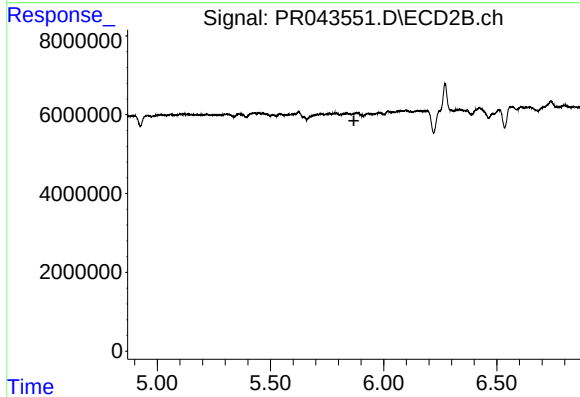
R.T.: 0.000 min  
Exp R.T. : 5.911 min  
Response: 0  
Conc: N.D.



#26 AR-1254-1

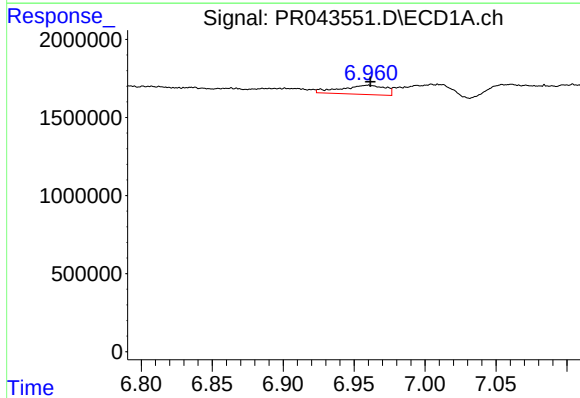
R.T.: 6.743 min  
Delta R.T.: 0.000 min  
Response: 785080  
Conc: 3.60 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
P001-CC43-0612-01



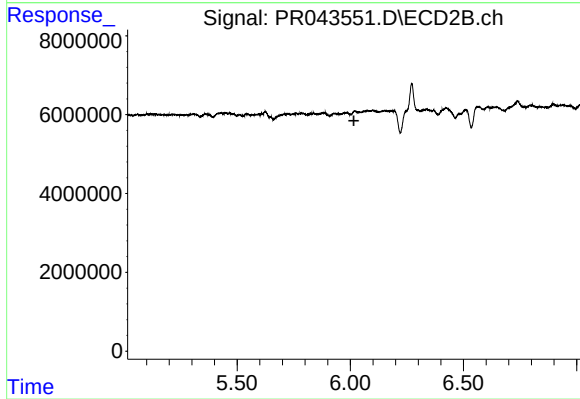
#26 AR-1254-1

R.T.: 0.000 min  
Exp R.T. : 5.868 min  
Response: 0  
Conc: N.D.



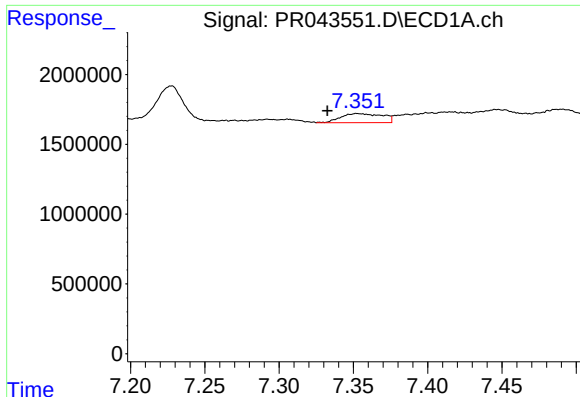
#27 AR-1254-2

R.T.: 6.960 min  
Delta R.T.: -0.002 min  
Response: 1282789  
Conc: 3.81 ng/ml



#27 AR-1254-2

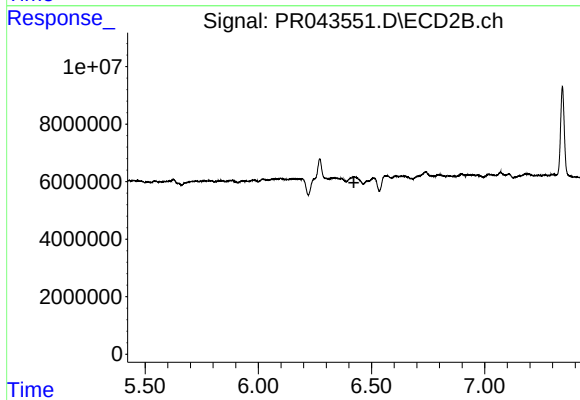
R.T.: 0.000 min  
Exp R.T. : 6.016 min  
Response: 0  
Conc: N.D.



#28 AR-1254-3

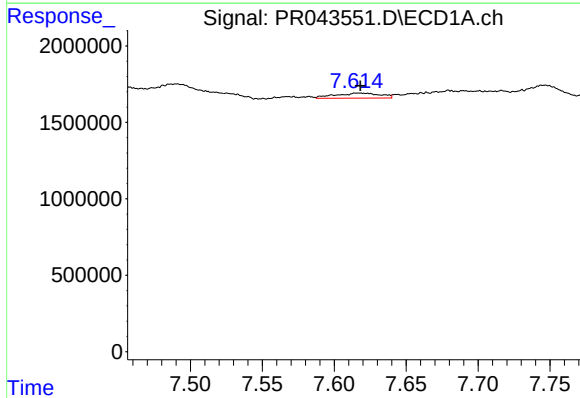
R.T.: 7.353 min  
Delta R.T.: 0.020 min  
Response: 1270926  
Conc: 3.63 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
P001-CC43-0612-01



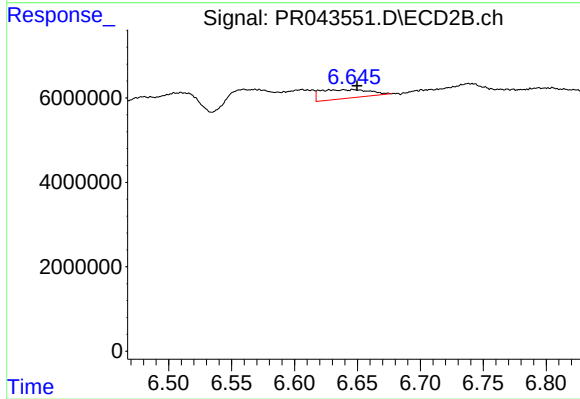
#28 AR-1254-3

R.T.: 0.000 min  
Exp R.T. : 6.422 min  
Response: 0  
Conc: N.D.



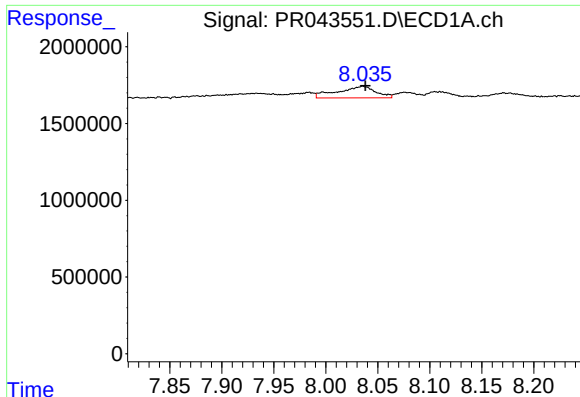
#29 AR-1254-4

R.T.: 7.617 min  
Delta R.T.: -0.002 min  
Response: 713582  
Conc: 2.86 ng/ml



#29 AR-1254-4

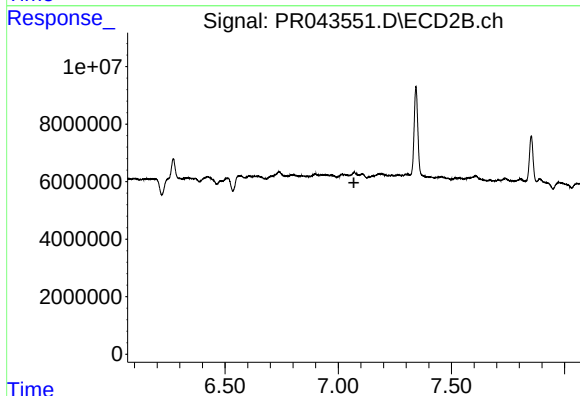
R.T.: 6.639 min  
Delta R.T.: -0.010 min  
Response: 5675060  
Conc: 7.88 ng/ml



#30 AR-1254-5

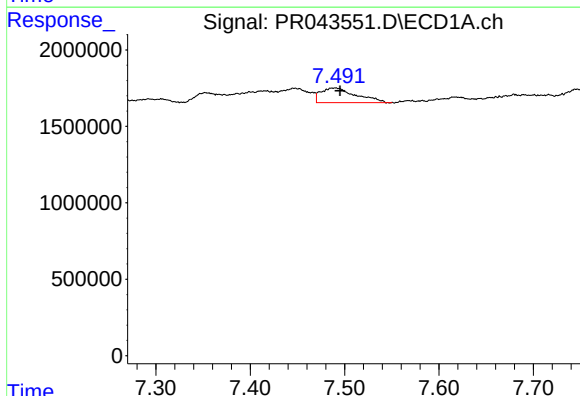
R.T.: 8.036 min  
Delta R.T.: -0.003 min  
Response: 1931705  
Conc: 7.50 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
P001-CC43-0612-01



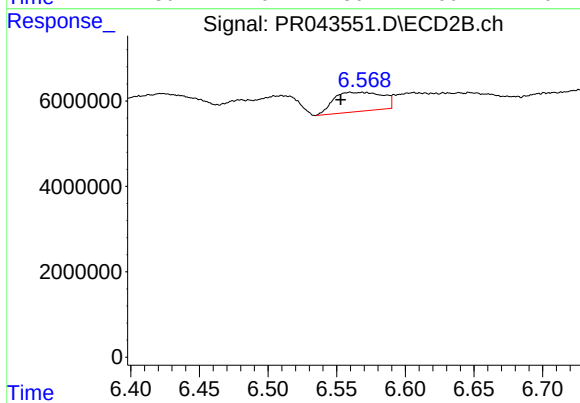
#30 AR-1254-5

R.T.: 0.000 min  
Exp R.T. : 7.069 min  
Response: 0  
Conc: N.D.



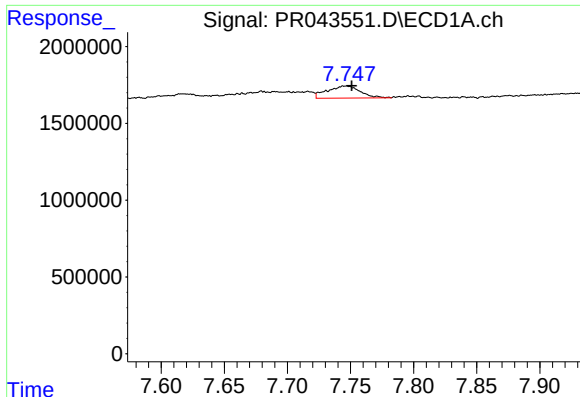
#31 AR-1260-1

R.T.: 7.490 min  
Delta R.T.: -0.005 min  
Response: 2463203  
Conc: 9.85 ng/ml



#31 AR-1260-1

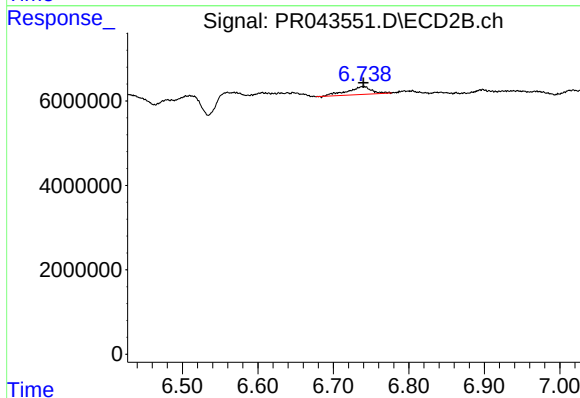
R.T.: 6.560 min  
Delta R.T.: 0.007 min  
Response: 11159313  
Conc: 16.62 ng/ml



#32 AR-1260-2

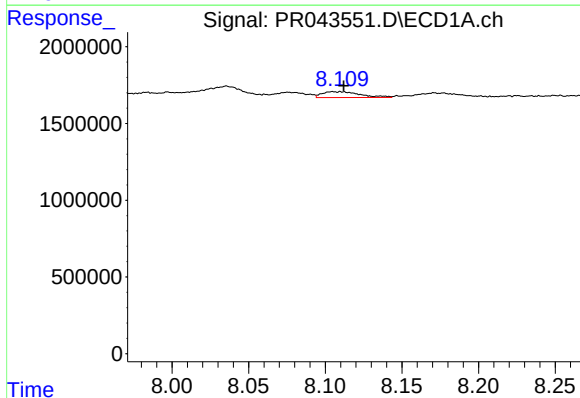
R.T.: 7.746 min  
Delta R.T.: -0.005 min  
Response: 1431963  
Conc: 4.84 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
P001-CC43-0612-01



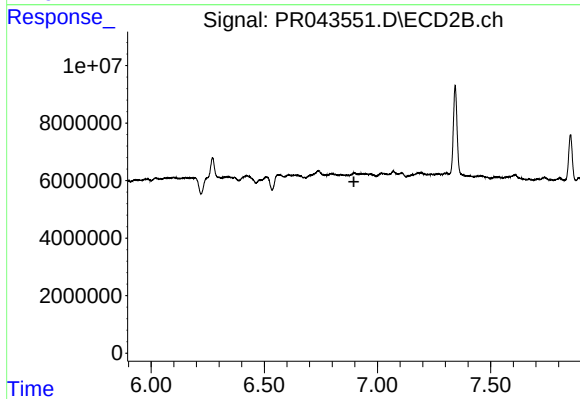
#32 AR-1260-2

R.T.: 6.739 min  
Delta R.T.: 0.000 min  
Response: 4144029  
Conc: 4.28 ng/ml



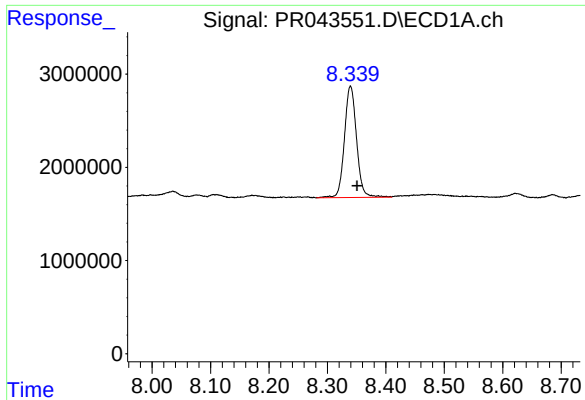
#33 AR-1260-3

R.T.: 8.105 min  
Delta R.T.: -0.007 min  
Response: 657500  
Conc: 2.99 ng/ml



#33 AR-1260-3

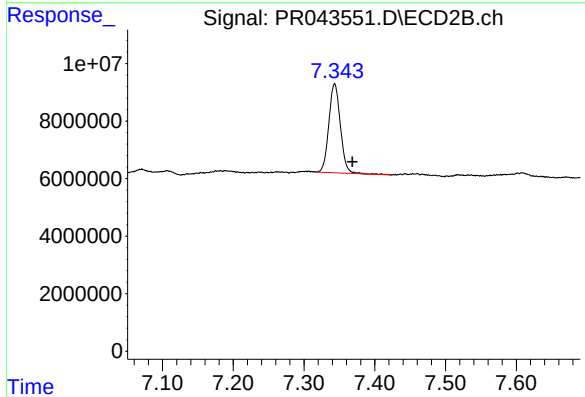
R.T.: 0.000 min  
Exp R.T.: 6.896 min  
Response: 0  
Conc: N.D.



#34 AR-1260-4

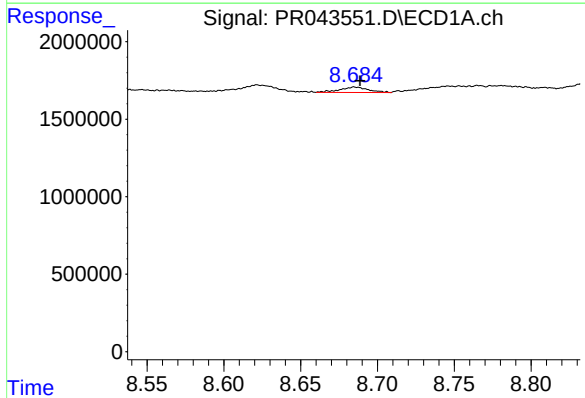
R.T.: 8.340 min  
Delta R.T.: -0.011 min  
Response: 17240619  
Conc: 69.16 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
P001-CC43-0612-01



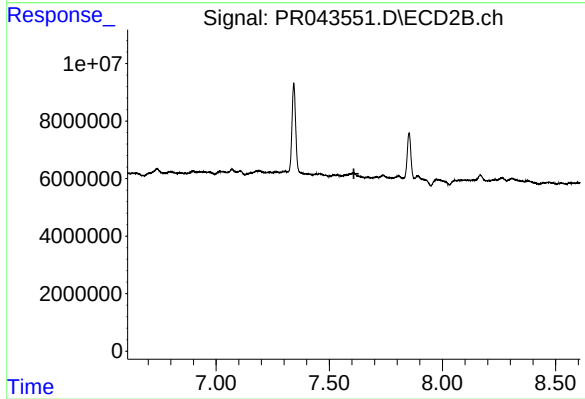
#34 AR-1260-4

R.T.: 7.343 min  
Delta R.T.: -0.025 min  
Response: 35112269  
Conc: 55.64 ng/ml



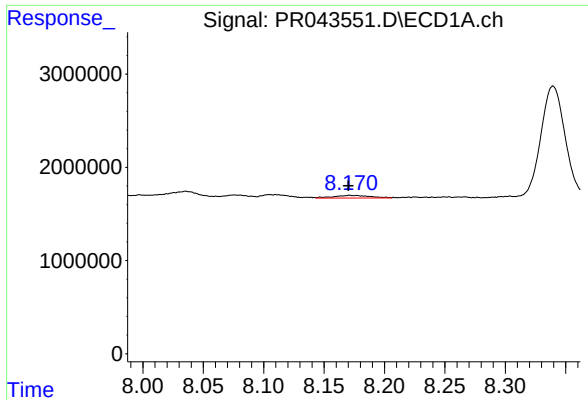
#35 AR-1260-5

R.T.: 8.685 min  
Delta R.T.: -0.003 min  
Response: 443894  
Conc: 0.92 ng/ml



#35 AR-1260-5

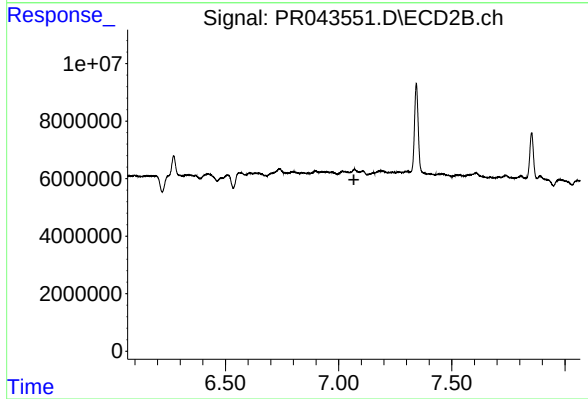
R.T.: 0.000 min  
Exp R.T.: 7.609 min  
Response: 0  
Conc: N.D.



#36 AR-1262-1

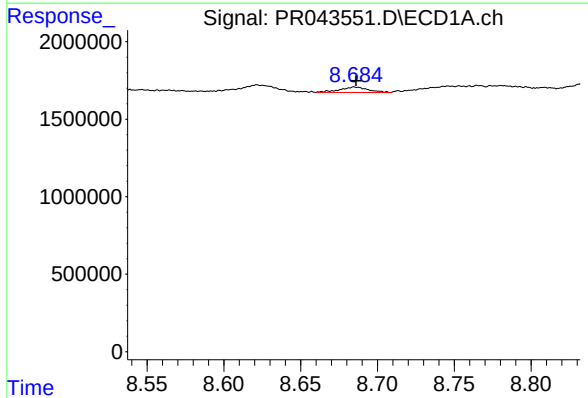
R.T.: 8.171 min  
Delta R.T.: 0.000 min  
Response: 604389  
Conc: 4.58 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
P001-CC43-0612-01



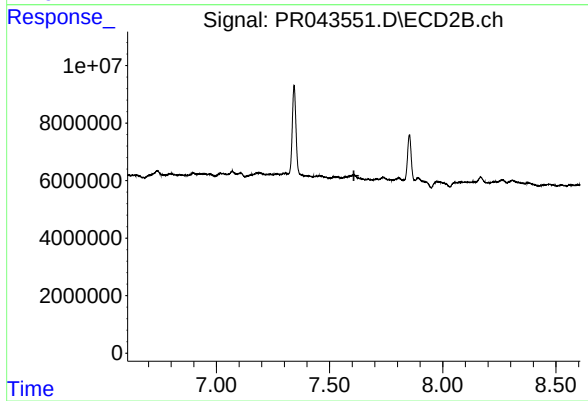
#36 AR-1262-1

R.T.: 0.000 min  
Exp R.T. : 7.067 min  
Response: 0  
Conc: N.D.



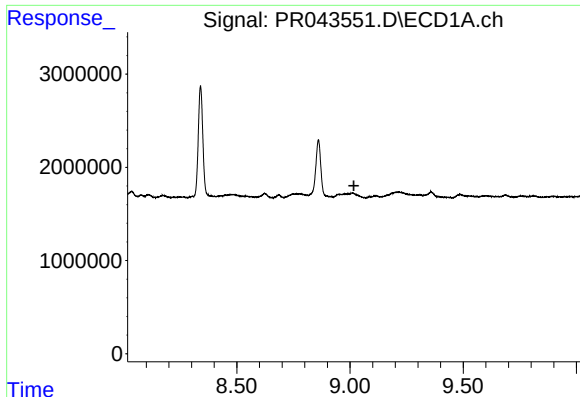
#37 AR-1262-2

R.T.: 8.685 min  
Delta R.T.: 0.000 min  
Response: 443894  
Conc: 0.78 ng/ml



#37 AR-1262-2

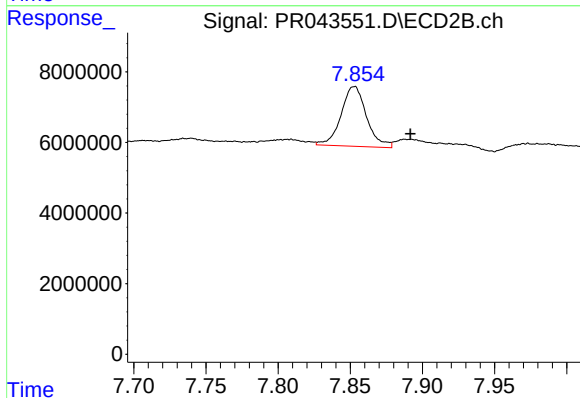
R.T.: 0.000 min  
Exp R.T. : 7.607 min  
Response: 0  
Conc: N.D.



#38 AR-1262-3

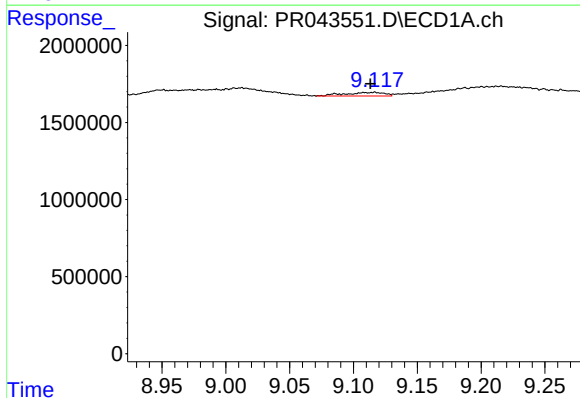
R.T.: 0.000 min  
Exp R.T.: 9.017 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_R  
ClientSampleId :  
P001-CC43-0612-01



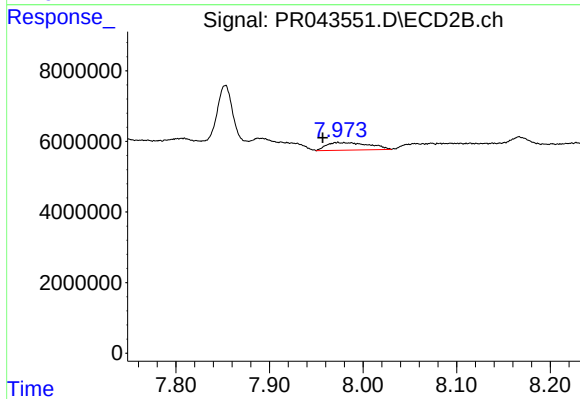
#38 AR-1262-3

R.T.: 7.853 min  
Delta R.T.: -0.039 min  
Response: 20825329  
Conc: 27.30 ng/ml



#39 AR-1262-4

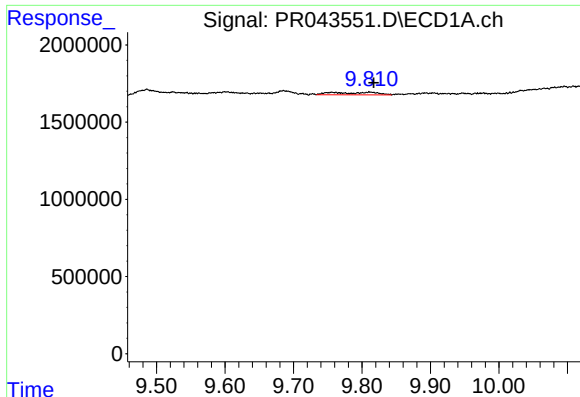
R.T.: 9.117 min  
Delta R.T.: 0.003 min  
Response: 506478  
Conc: 1.90 ng/ml



#39 AR-1262-4

R.T.: 7.973 min  
Delta R.T.: 0.016 min  
Response: 6758764  
Conc: 5.44 ng/ml

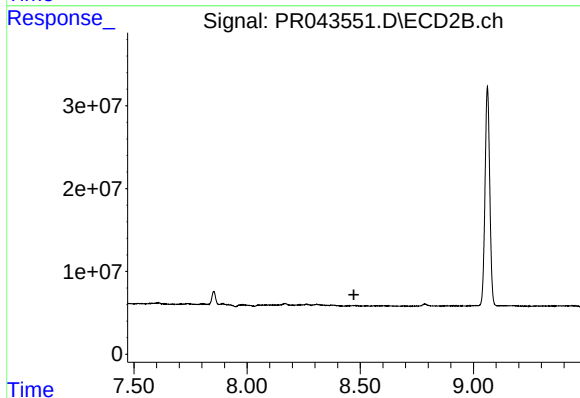




#40 AR-1262-5

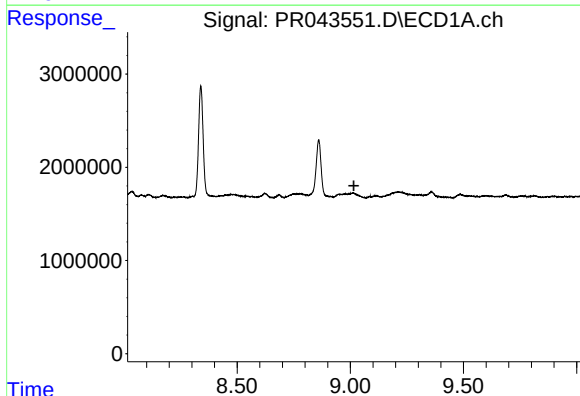
R.T.: 9.811 min  
Delta R.T.: -0.006 min  
Response: 723192  
Conc: 3.84 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
P001-CC43-0612-01



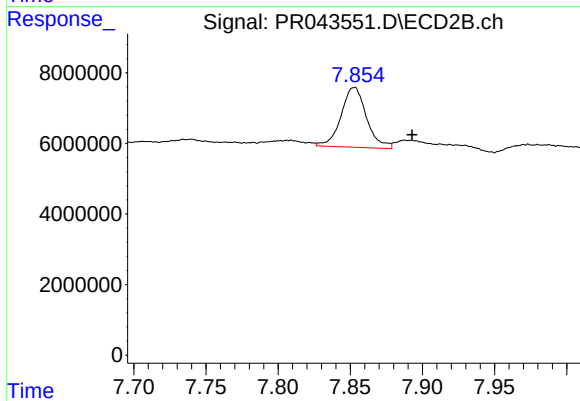
#40 AR-1262-5

R.T.: 0.000 min  
Exp R.T. : 8.472 min  
Response: 0  
Conc: N.D.



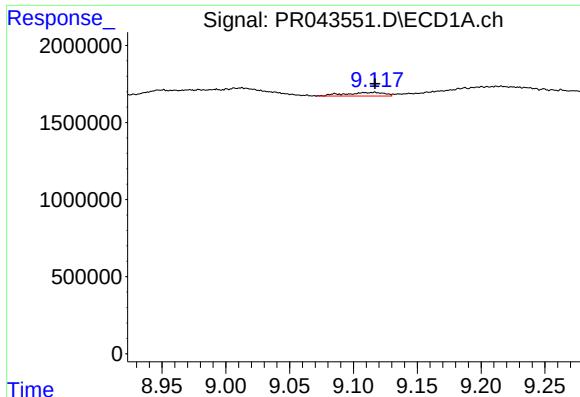
#41 AR-1268-1

R.T.: 0.000 min  
Exp R.T. : 9.016 min  
Response: 0  
Conc: N.D.



#41 AR-1268-1

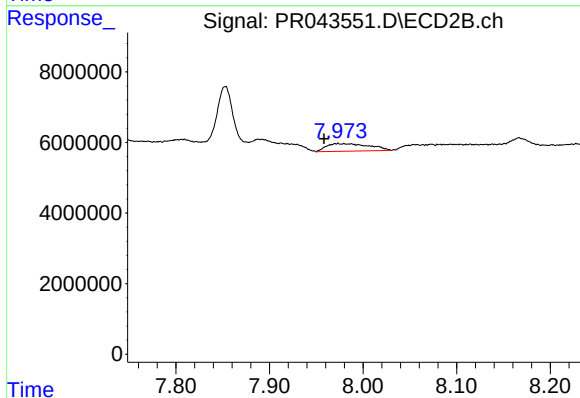
R.T.: 7.853 min  
Delta R.T.: -0.040 min  
Response: 20825329  
Conc: 9.69 ng/ml



#42 AR-1268-2

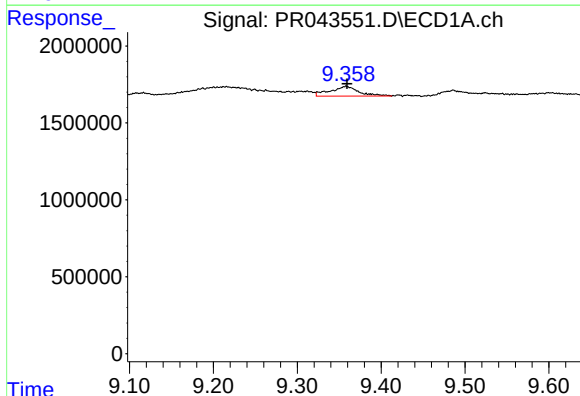
R.T.: 9.117 min  
Delta R.T.: 0.000 min  
Response: 506478  
Conc: 0.88 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
P001-CC43-0612-01



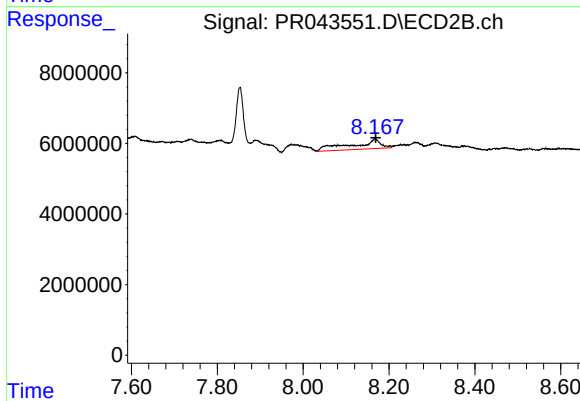
#42 AR-1268-2

R.T.: 7.973 min  
Delta R.T.: 0.015 min  
Response: 6758764  
Conc: 3.72 ng/ml



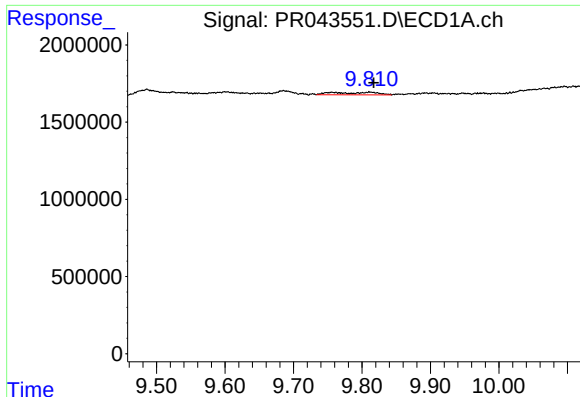
#43 AR-1268-3

R.T.: 9.358 min  
Delta R.T.: -0.001 min  
Response: 1512758  
Conc: 3.22 ng/ml



#43 AR-1268-3

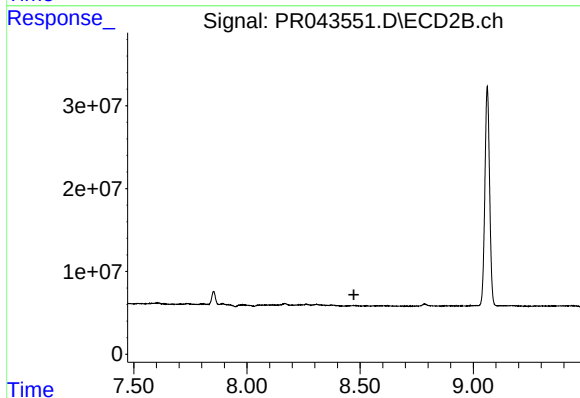
R.T.: 8.167 min  
Delta R.T.: -0.002 min  
Response: 12962749  
Conc: 8.42 ng/ml



#44 AR-1268-4

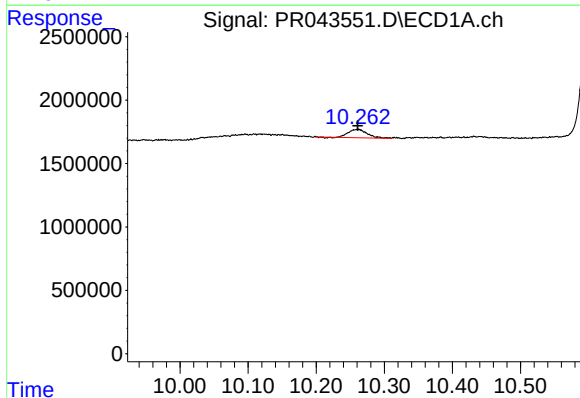
R.T.: 9.811 min  
Delta R.T.: -0.006 min  
Response: 723192  
Conc: 3.53 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
P001-CC43-0612-01



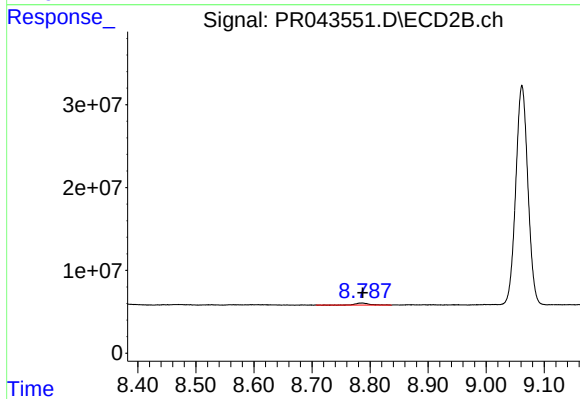
#44 AR-1268-4

R.T.: 0.000 min  
Exp R.T. : 8.472 min  
Response: 0  
Conc: N.D.



#45 AR-1268-5

R.T.: 10.261 min  
Delta R.T.: 0.000 min  
Response: 1275876  
Conc: 0.82 ng/ml



#45 AR-1268-5

R.T.: 8.787 min  
Delta R.T.: 0.000 min  
Response: 3759994  
Conc: 0.89 ng/ml