

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_R\Data\PR072120\  
 Data File : PR046335.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 21 Jul 2020 09:51  
 Operator : AJ\MA  
 Sample : L3216-03  
 Misc : AR1232 LOD 25 PPB  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 ECD\_R  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jul 21 13:07:33 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_R\Method\PR071520.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Mon Jul 20 12:51:25 2020  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 2 µl  
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

|                             | Compound        | RT#1   | RT#2  | Resp#1   | Resp#2  | ng/ml  | ng/ml    |
|-----------------------------|-----------------|--------|-------|----------|---------|--------|----------|
| -----                       |                 |        |       |          |         |        |          |
| System Monitoring Compounds |                 |        |       |          |         |        |          |
| 1)                          | SA Tetrachlo... | 4.765  | 3.989 | 36588343 | 262.3E6 | 19.890 | 21.317   |
| 2)                          | SA Decachlor... | 10.770 | 9.118 | 39912249 | 335.9E6 | 20.192 | 21.693   |
| Target Compounds            |                 |        |       |          |         |        |          |
| 3)                          | L1 AR-1016-1    | 5.956  | 5.089 | 934189   | 6719348 | 13.328 | 13.556   |
| 4)                          | L1 AR-1016-2    | 5.979  | 5.109 | 996236   | 8438710 | 10.078 | 12.281   |
| 5)                          | L1 AR-1016-3    | 6.042  | 5.288 | 784800   | 3914665 | 13.197 | 12.211   |
| 6)                          | L1 AR-1016-4    | 6.143  | 5.328 | 525204   | 3129165 | 10.533 | 11.641   |
| 7)                          | L1 AR-1016-5    | 6.436  | 5.545 | 771692   | 5345811 | 15.691 | 14.377   |
| 8)                          | L2 AR-1221-1    | 4.980  | 4.202 | 545420   | 3474554 | 27.587 | 24.273   |
| 9)                          | L2 AR-1221-2    | 5.081  | 4.293 | 941461   | 6555893 | 64.131 | 68.873   |
| 10)                         | L2 AR-1221-3    | 5.147  | 4.367 | 1217899  | 8726892 | 25.953 | 27.728   |
| 11)                         | L3 AR-1232-1    | 5.147  | 4.367 | 1217899  | 8726892 | 31.823 | 32.440   |
| 12)                         | L3 AR-1232-2    | 5.684  | 5.109 | 686227   | 8438710 | 35.468 | 30.103   |
| 13)                         | L3 AR-1232-3    | 5.979  | 5.288 | 996236   | 3914665 | 24.986 | 30.142   |
| 14)                         | L3 AR-1232-4    | 6.143  | 5.372 | 525204   | 3074746 | 26.358 | 24.868   |
| 15)                         | L3 AR-1232-5    | 6.224  | 5.545 | 442416   | 5345811 | 29.337 | 38.931 # |
| 16)                         | L4 AR-1242-1    | 5.956  | 5.089 | 934189   | 6719348 | 17.281 | 17.666   |
| 17)                         | L4 AR-1242-2    | 5.979  | 5.109 | 996236   | 8438710 | 13.146 | 16.112   |
| 18)                         | L4 AR-1242-3    | 6.042  | 5.288 | 784800   | 3914665 | 17.158 | 15.340   |
| 19)                         | L4 AR-1242-4    | 6.143  | 5.372 | 525204   | 3074746 | 13.742 | 11.821   |
| 20)                         | L4 AR-1242-5    | 6.884  | 5.899 | 796741   | 5037119 | 18.007 | 13.645   |
| 21)                         | L5 AR-1248-1    | 5.956  | 5.089 | 934189   | 6719348 | 23.188 | 23.301   |
| 22)                         | L5 AR-1248-2    | 6.224  | 5.328 | 442416   | 3129165 | 8.110  | 8.868    |
| 23)                         | L5 AR-1248-3    | 6.436  | 5.372 | 771692   | 3074746 | 12.433 | 8.216 #  |
| 24)                         | L5 AR-1248-4    | 6.847  | 5.545 | 688810   | 5345811 | 9.350  | 11.387   |
| 25)                         | L5 AR-1248-5    | 6.884  | 5.941 | 796741   | 4576879 | 11.344 | 9.454    |
| 26)                         | L6 AR-1254-1    | 6.816  | 5.899 | 643172   | 5037119 | 8.330  | 6.396    |
| 27)                         | L6 AR-1254-2    | 7.047  | 0.000 | 890349   | 0       | 7.282  | N.D. #   |
| 28)                         | L6 AR-1254-3    | 7.407  | 0.000 | 637906   | 0       | 4.757  | N.D. #   |
| 29)                         | L6 AR-1254-4    | 7.694  | 0.000 | 515200   | 0       | 5.018  | N.D. #   |
| 30)                         | L6 AR-1254-5    | 8.112  | 0.000 | 129506   | 0       | 1.165  | N.D. #   |
| 33)                         | L7 AR-1260-3    | 8.184  | 0.000 | 79538    | 0       | 0.886  | N.D. #   |
| 35)                         | L7 AR-1260-5    | 8.781  | 0.000 | 63114    | 0       | 0.293  | N.D. #   |
| 36)                         | L8 AR-1262-1    | 8.184  | 0.000 | 79538    | 0       | 0.653  | N.D. #   |
| 37)                         | L8 AR-1262-2    | 8.781  | 0.000 | 63114    | 0       | 0.279  | N.D. #   |
| 39)                         | L8 AR-1262-4    | 9.207  | 0.000 | 171103   | 0       | 1.500  | N.D. #   |
| 42)                         | L9 AR-1268-2    | 9.207  | 0.000 | 171103   | 0       | 0.648  | N.D. #   |
| 43)                         | L9 AR-1268-3    | 9.463  | 0.000 | 548407   | 0       | 2.506  | N.D. #   |
| 45)                         | L9 AR-1268-5    | 10.401 | 8.836 | 867975   | 2488225 | 1.221  | 0.448 #  |
| -----                       |                 |        |       |          |         |        |          |

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

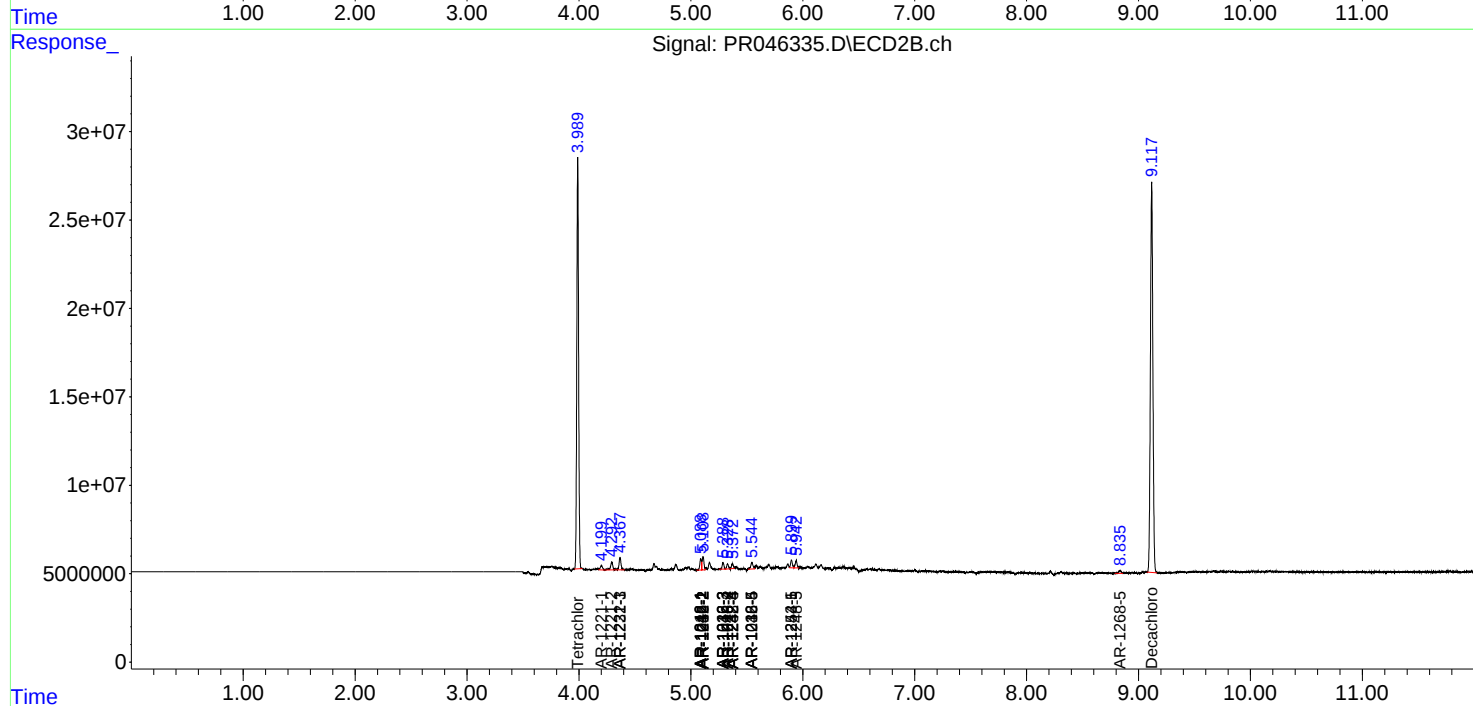
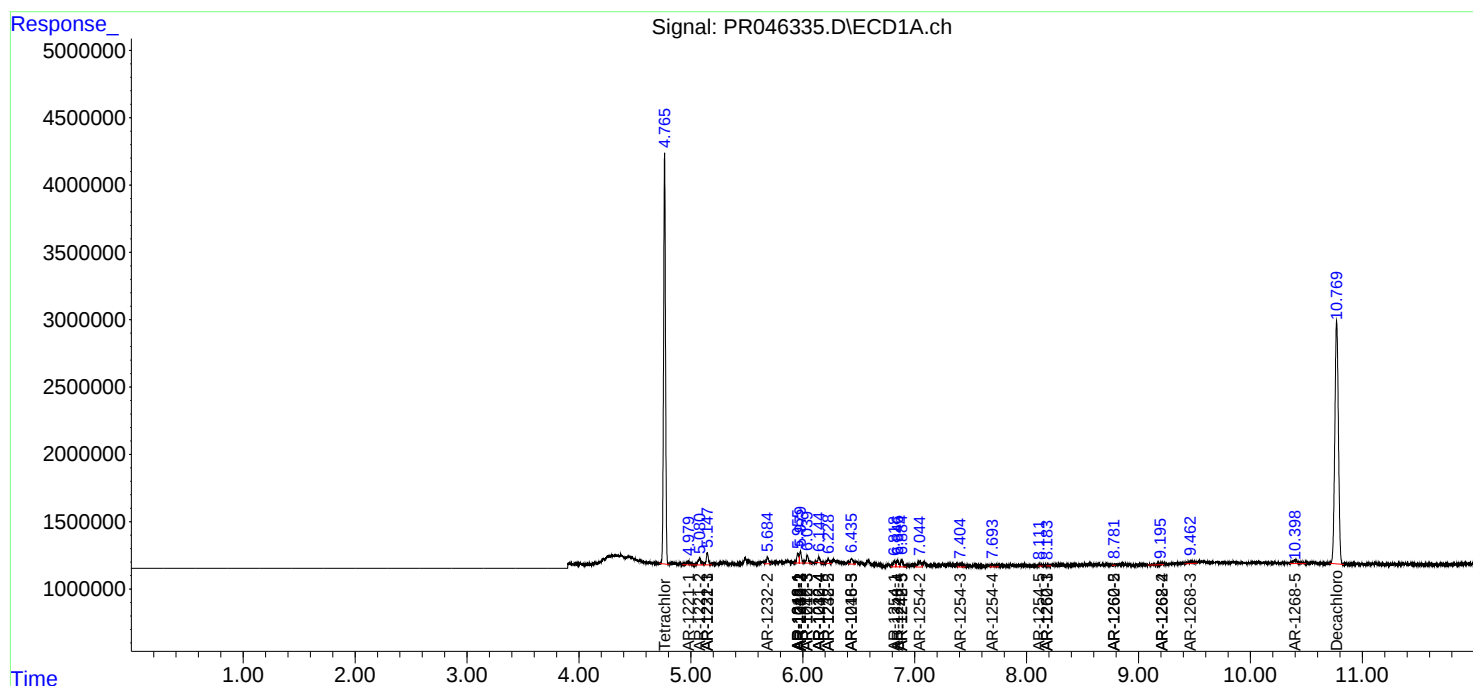
Instrument :  
ECD\_R  
ClientSampleId :

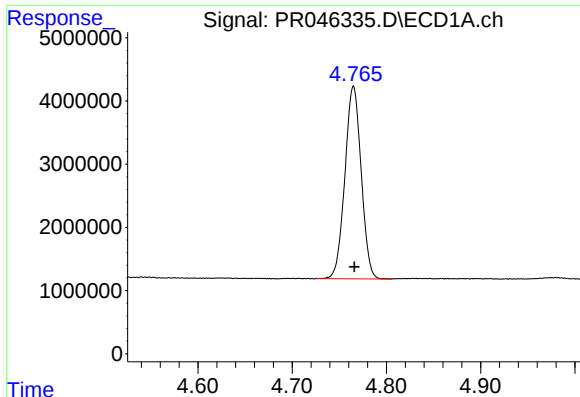
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_R\Data\PR072120\  
Data File : PR046335.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 21 Jul 2020 09:51  
Operator : AJ\MA  
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Misc : AR1232 LOD 25 PPB  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
ECD\_R  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jul 21 13:07:33 2020  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_R\Method\PR071520.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Mon Jul 20 12:51:25 2020  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 2 µl  
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
Signal #1 Info : 30Mx0.32mmx 0.50µm Signal #2 Info : 30M x 0.32mm x 0.25µm

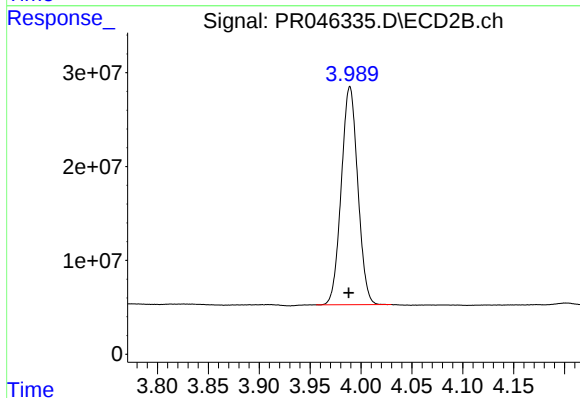




#1 Tetrachloro-m-xylene

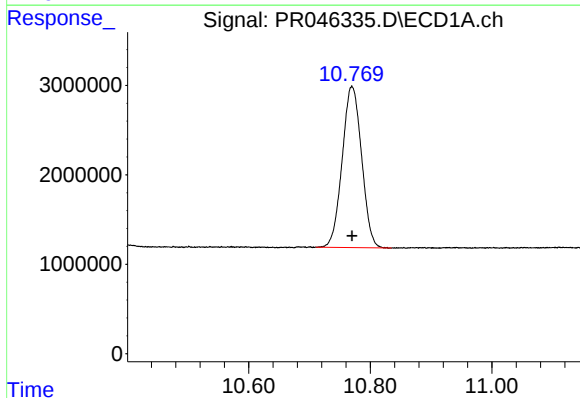
R.T.: 4.765 min  
Delta R.T.: 0.000 min  
Response: 36588343  
Conc: 19.89 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :



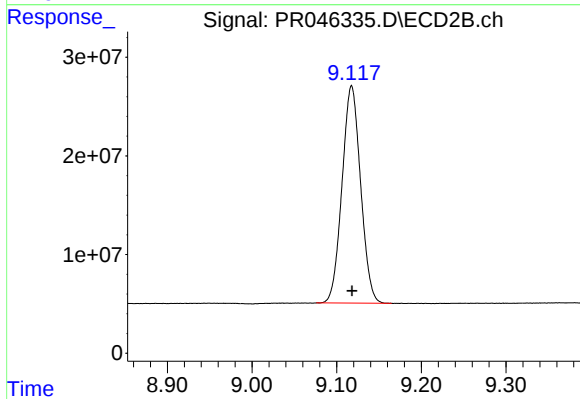
#1 Tetrachloro-m-xylene

R.T.: 3.989 min  
Delta R.T.: 0.001 min  
Response: 262328194  
Conc: 21.32 ng/ml



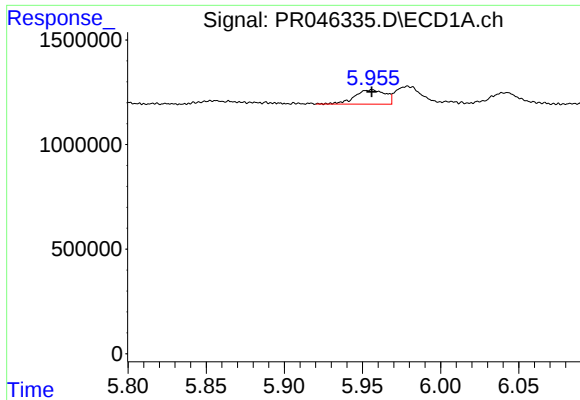
#2 Decachlorobiphenyl

R.T.: 10.770 min  
Delta R.T.: 0.000 min  
Response: 39912249  
Conc: 20.19 ng/ml



#2 Decachlorobiphenyl

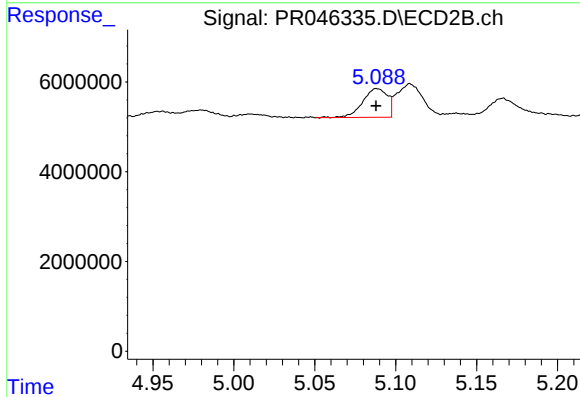
R.T.: 9.118 min  
Delta R.T.: 0.000 min  
Response: 335887508  
Conc: 21.69 ng/ml



#3 AR-1016-1

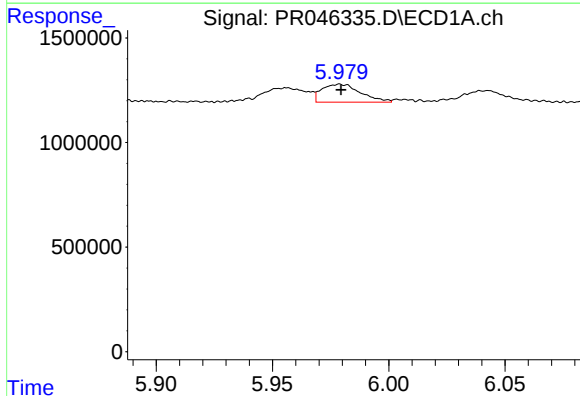
R.T.: 5.956 min  
Delta R.T.: 0.000 min  
Response: 934189  
Conc: 13.33 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :



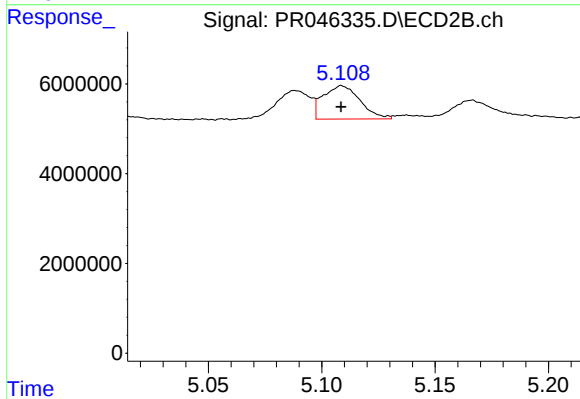
#3 AR-1016-1

R.T.: 5.089 min  
Delta R.T.: 0.000 min  
Response: 6719348  
Conc: 13.56 ng/ml



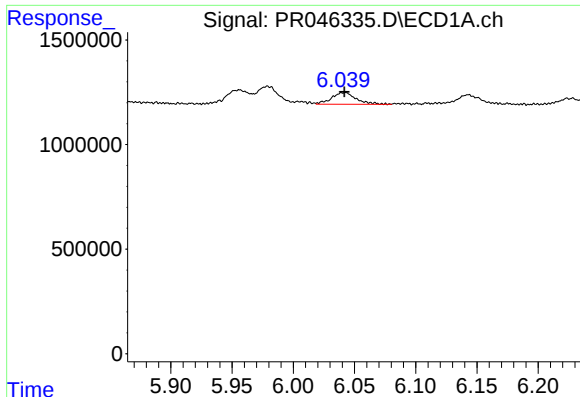
#4 AR-1016-2

R.T.: 5.979 min  
Delta R.T.: 0.000 min  
Response: 996236  
Conc: 10.08 ng/ml



#4 AR-1016-2

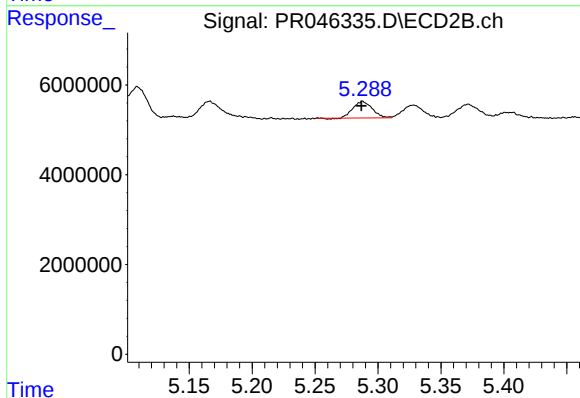
R.T.: 5.109 min  
Delta R.T.: 0.000 min  
Response: 8438710  
Conc: 12.28 ng/ml



#5 AR-1016-3

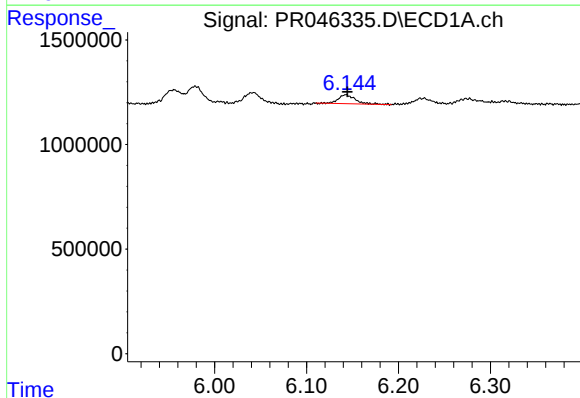
R.T.: 6.042 min  
Delta R.T.: 0.000 min  
Response: 784800  
Conc: 13.20 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :



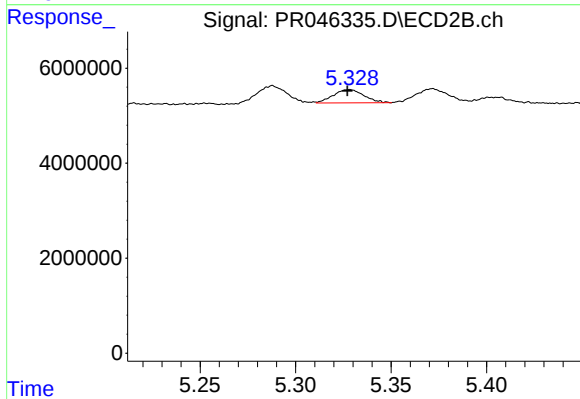
#5 AR-1016-3

R.T.: 5.288 min  
Delta R.T.: 0.001 min  
Response: 3914665  
Conc: 12.21 ng/ml



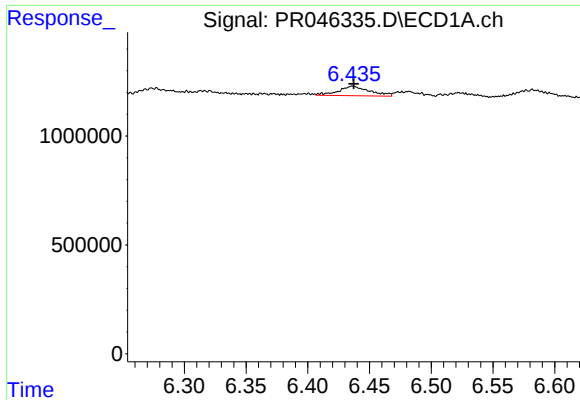
#6 AR-1016-4

R.T.: 6.143 min  
Delta R.T.: -0.002 min  
Response: 525204  
Conc: 10.53 ng/ml



#6 AR-1016-4

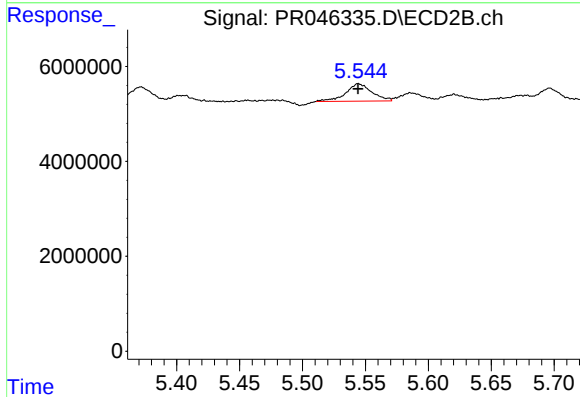
R.T.: 5.328 min  
Delta R.T.: 0.001 min  
Response: 3129165  
Conc: 11.64 ng/ml



#7 AR-1016-5

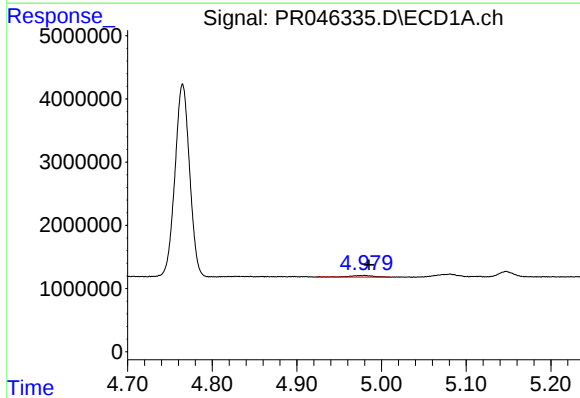
R.T.: 6.436 min  
Delta R.T.: 0.000 min  
Response: 771692  
Conc: 15.69 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :



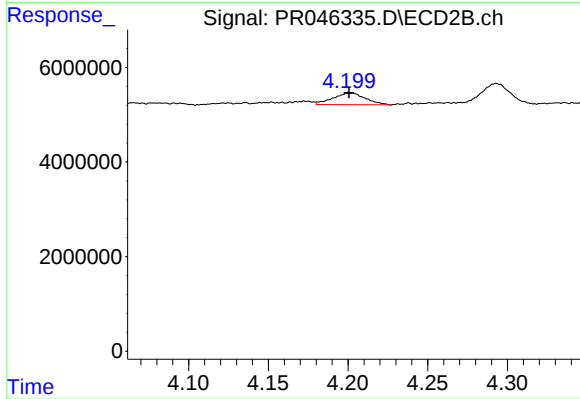
#7 AR-1016-5

R.T.: 5.545 min  
Delta R.T.: 0.000 min  
Response: 5345811  
Conc: 14.38 ng/ml



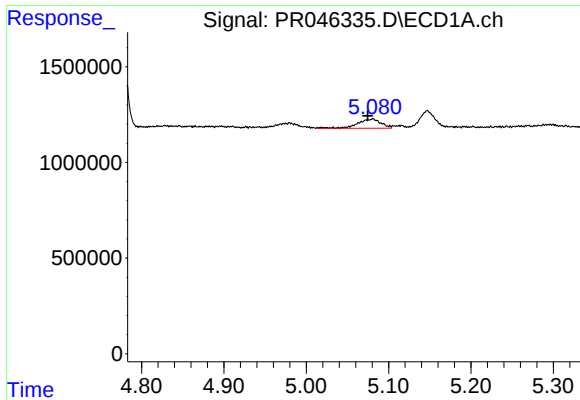
#8 AR-1221-1

R.T.: 4.980 min  
Delta R.T.: -0.005 min  
Response: 545420  
Conc: 27.59 ng/ml



#8 AR-1221-1

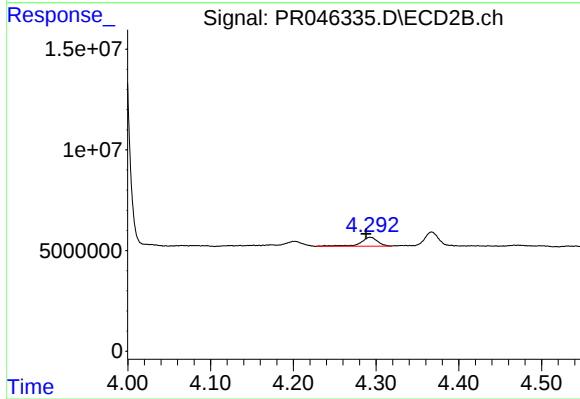
R.T.: 4.202 min  
Delta R.T.: 0.000 min  
Response: 3474554  
Conc: 24.27 ng/ml



#9 AR-1221-2

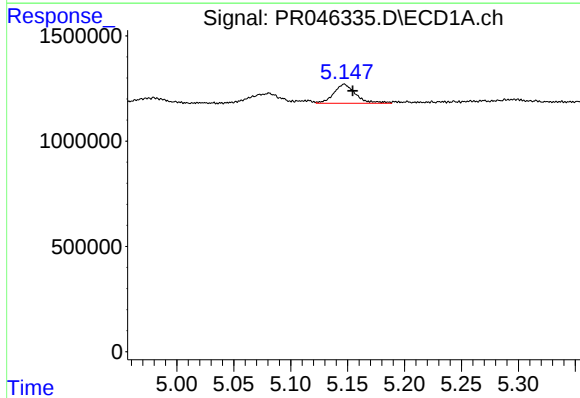
R.T.: 5.081 min  
Delta R.T.: 0.006 min  
Response: 941461  
Conc: 64.13 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :



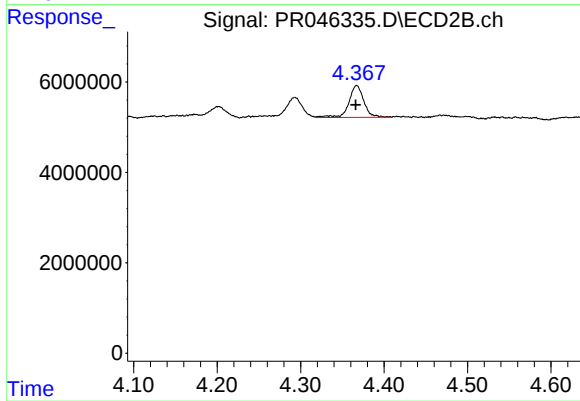
#9 AR-1221-2

R.T.: 4.293 min  
Delta R.T.: 0.005 min  
Response: 6555893  
Conc: 68.87 ng/ml



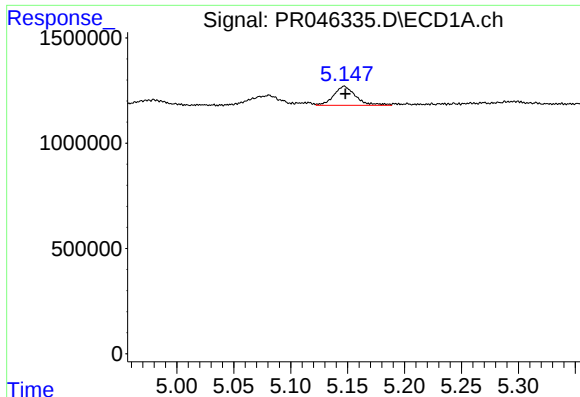
#10 AR-1221-3

R.T.: 5.147 min  
Delta R.T.: -0.007 min  
Response: 1217899  
Conc: 25.95 ng/ml



#10 AR-1221-3

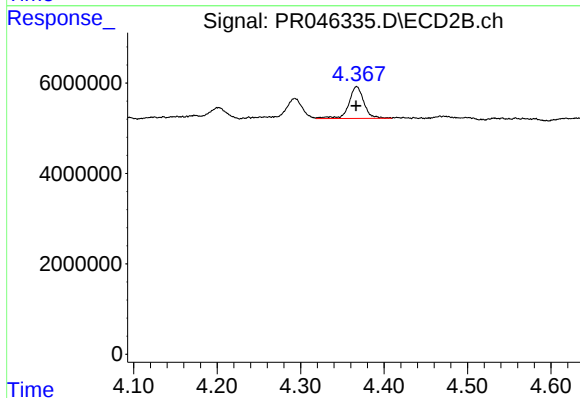
R.T.: 4.367 min  
Delta R.T.: 0.001 min  
Response: 8726892  
Conc: 27.73 ng/ml



#11 AR-1232-1

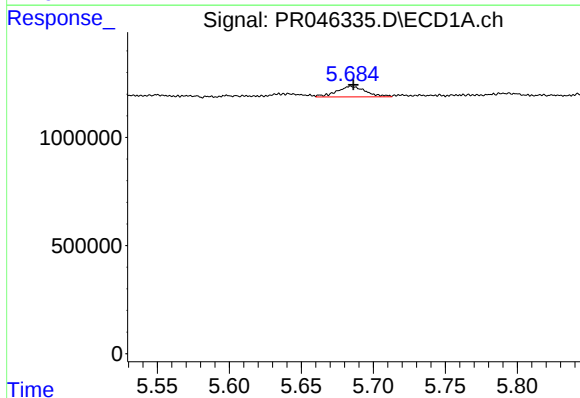
R.T.: 5.147 min  
Delta R.T.: 0.000 min  
Response: 1217899  
Conc: 31.82 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :



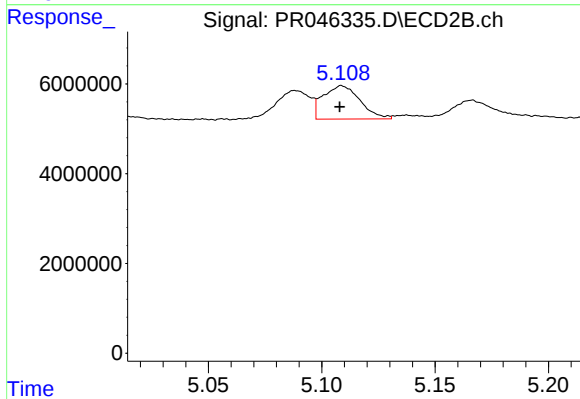
#11 AR-1232-1

R.T.: 4.367 min  
Delta R.T.: 0.000 min  
Response: 8726892  
Conc: 32.44 ng/ml



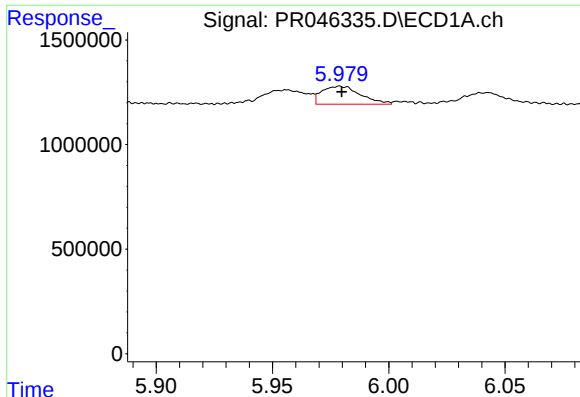
#12 AR-1232-2

R.T.: 5.684 min  
Delta R.T.: -0.002 min  
Response: 686227  
Conc: 35.47 ng/ml



#12 AR-1232-2

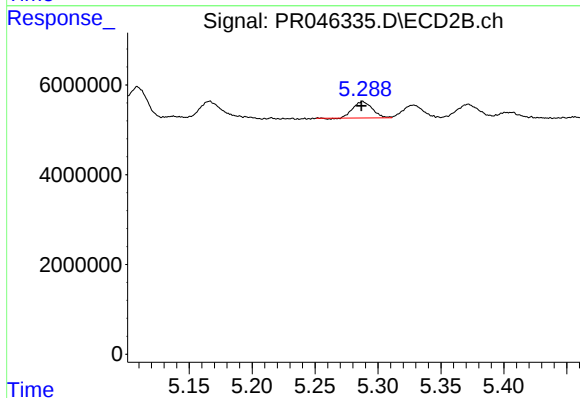
R.T.: 5.109 min  
Delta R.T.: 0.001 min  
Response: 8438710  
Conc: 30.10 ng/ml



#13 AR-1232-3

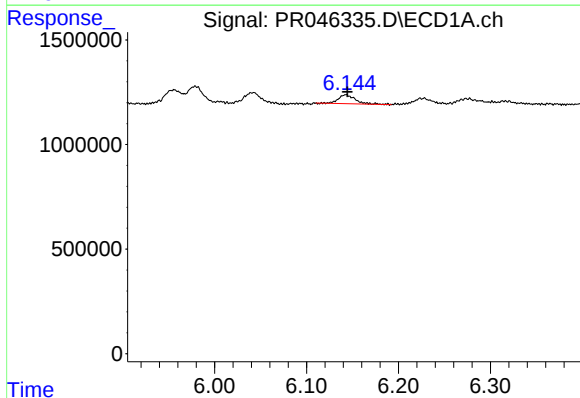
R.T.: 5.979 min  
Delta R.T.: 0.000 min  
Response: 996236  
Conc: 24.99 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :



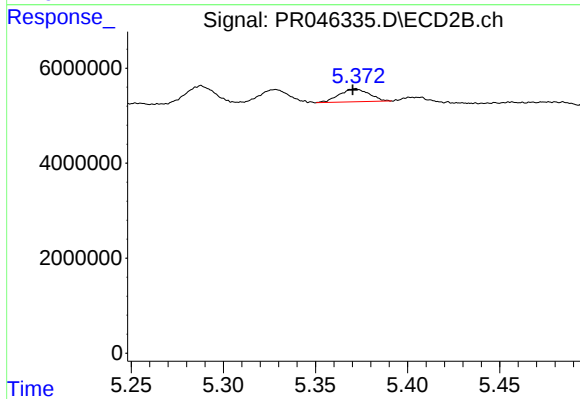
#13 AR-1232-3

R.T.: 5.288 min  
Delta R.T.: 0.001 min  
Response: 3914665  
Conc: 30.14 ng/ml



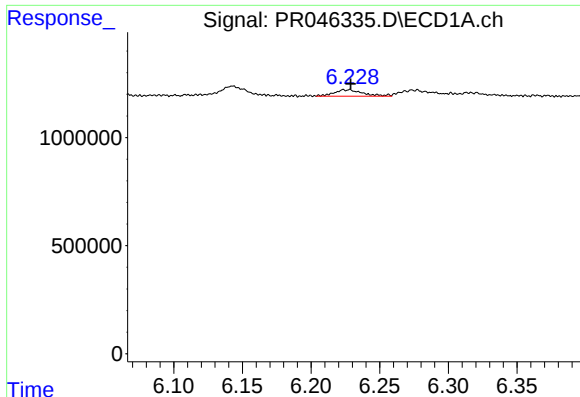
#14 AR-1232-4

R.T.: 6.143 min  
Delta R.T.: -0.002 min  
Response: 525204  
Conc: 26.36 ng/ml



#14 AR-1232-4

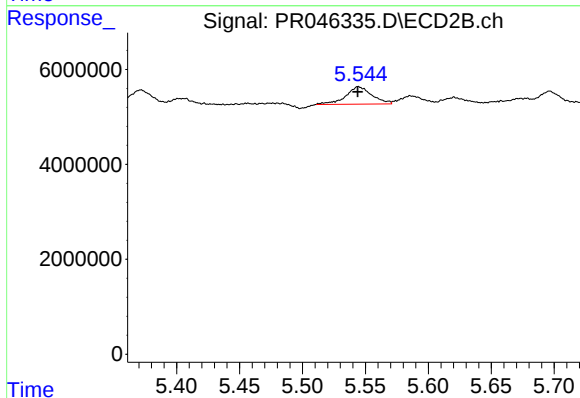
R.T.: 5.372 min  
Delta R.T.: 0.001 min  
Response: 3074746  
Conc: 24.87 ng/ml



#15 AR-1232-5

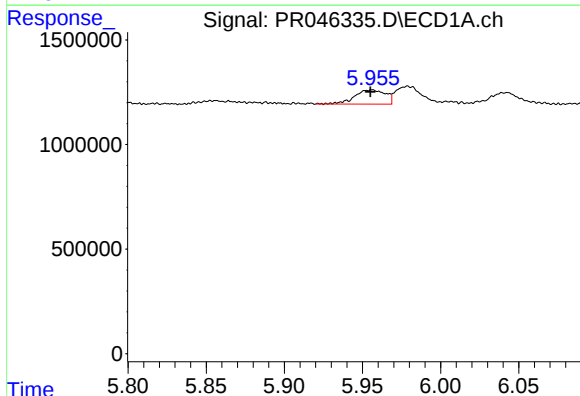
R.T.: 6.224 min  
Delta R.T.: -0.005 min  
Response: 442416  
Conc: 29.34 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :



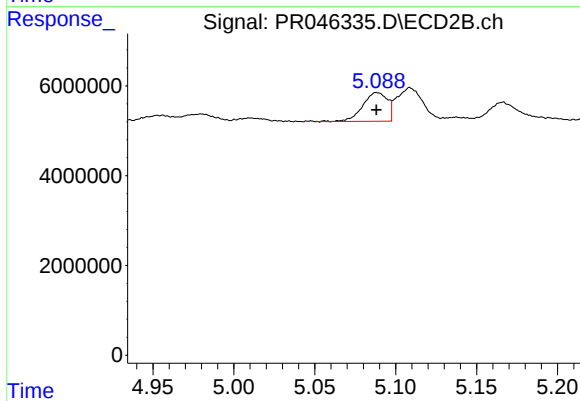
#15 AR-1232-5

R.T.: 5.545 min  
Delta R.T.: 0.000 min  
Response: 5345811  
Conc: 38.93 ng/ml



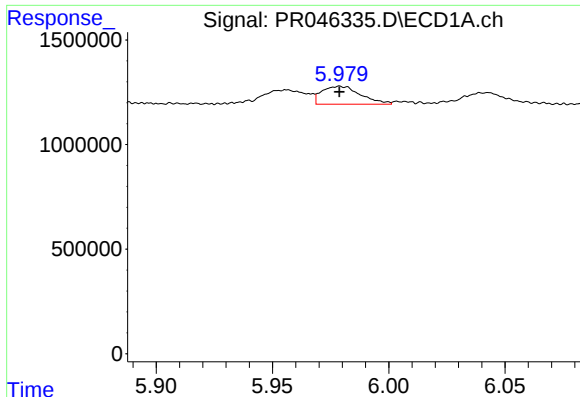
#16 AR-1242-1

R.T.: 5.956 min  
Delta R.T.: 0.000 min  
Response: 934189  
Conc: 17.28 ng/ml



#16 AR-1242-1

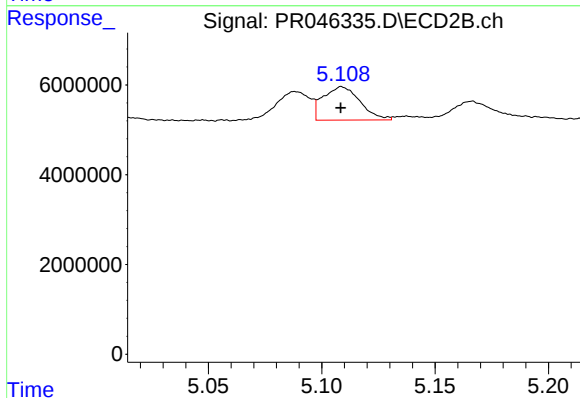
R.T.: 5.089 min  
Delta R.T.: 0.000 min  
Response: 6719348  
Conc: 17.67 ng/ml



#17 AR-1242-2

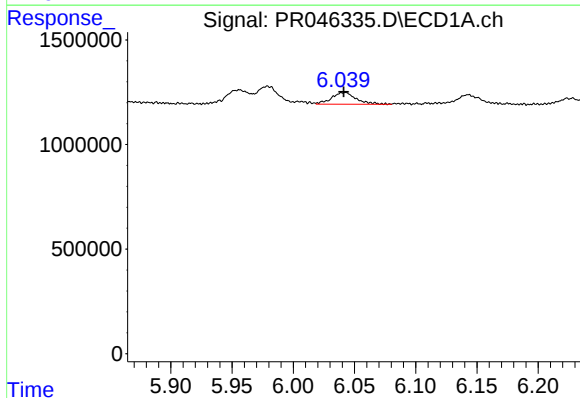
R.T.: 5.979 min  
Delta R.T.: 0.000 min  
Response: 996236  
Conc: 13.15 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :



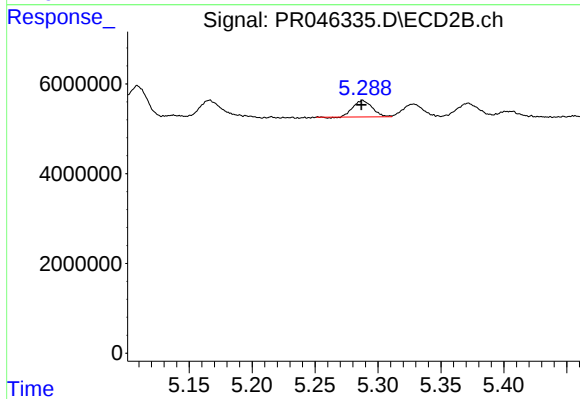
#17 AR-1242-2

R.T.: 5.109 min  
Delta R.T.: 0.000 min  
Response: 8438710  
Conc: 16.11 ng/ml



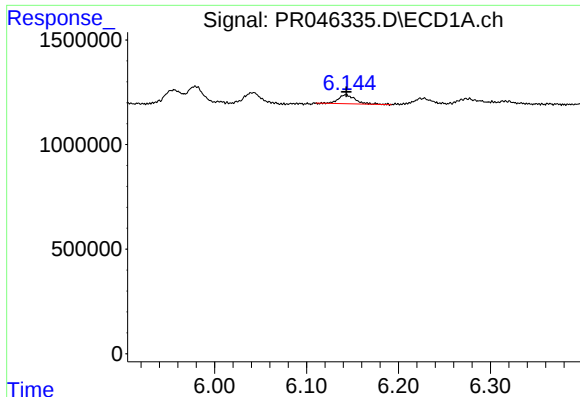
#18 AR-1242-3

R.T.: 6.042 min  
Delta R.T.: 0.000 min  
Response: 784800  
Conc: 17.16 ng/ml



#18 AR-1242-3

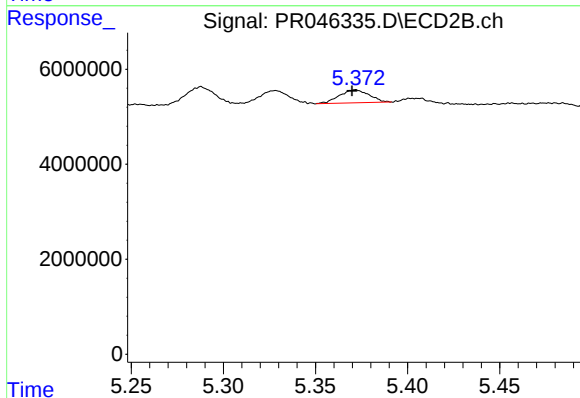
R.T.: 5.288 min  
Delta R.T.: 0.001 min  
Response: 3914665  
Conc: 15.34 ng/ml



#19 AR-1242-4

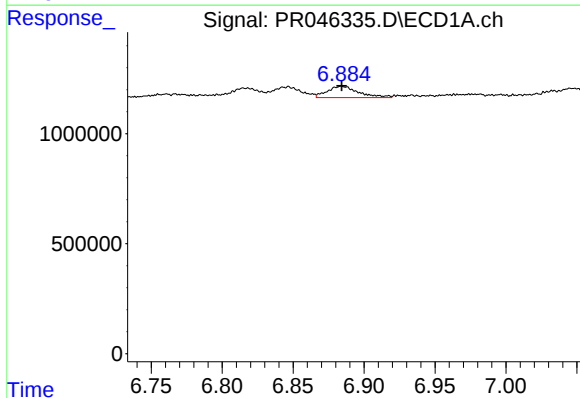
R.T.: 6.143 min  
Delta R.T.: 0.000 min  
Response: 525204  
Conc: 13.74 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :



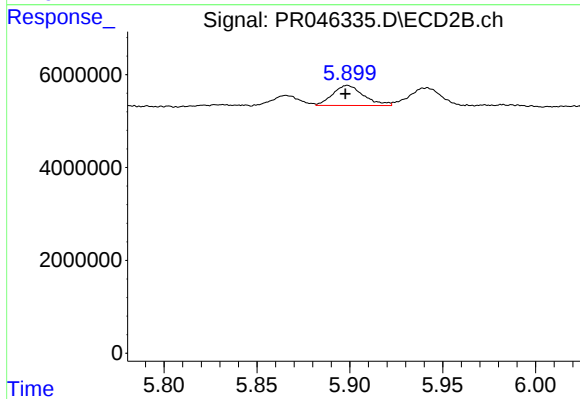
#19 AR-1242-4

R.T.: 5.372 min  
Delta R.T.: 0.002 min  
Response: 3074746  
Conc: 11.82 ng/ml



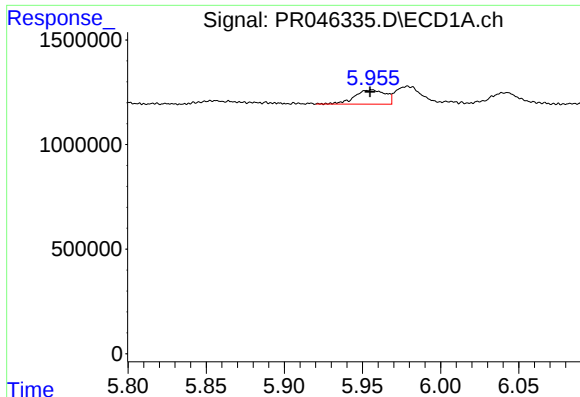
#20 AR-1242-5

R.T.: 6.884 min  
Delta R.T.: 0.000 min  
Response: 796741  
Conc: 18.01 ng/ml



#20 AR-1242-5

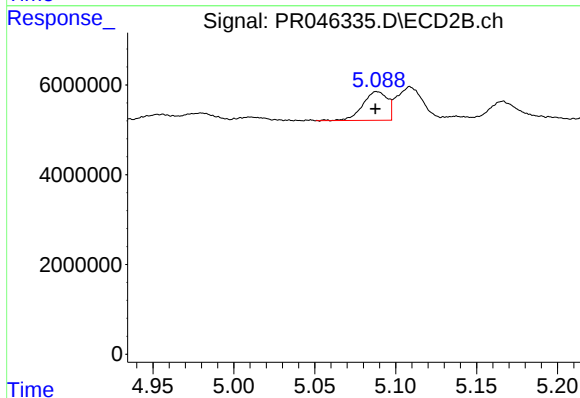
R.T.: 5.899 min  
Delta R.T.: 0.001 min  
Response: 5037119  
Conc: 13.64 ng/ml



#21 AR-1248-1

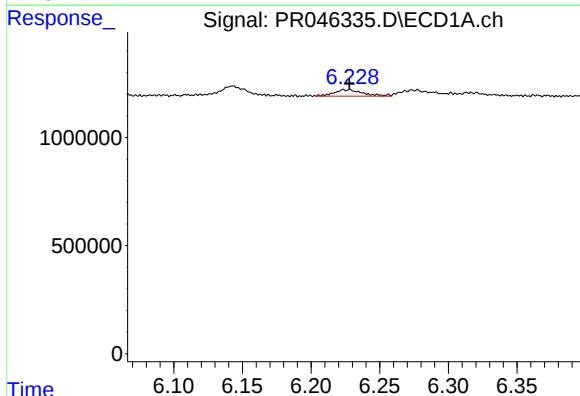
R.T.: 5.956 min  
Delta R.T.: 0.001 min  
Response: 934189  
Conc: 23.19 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :



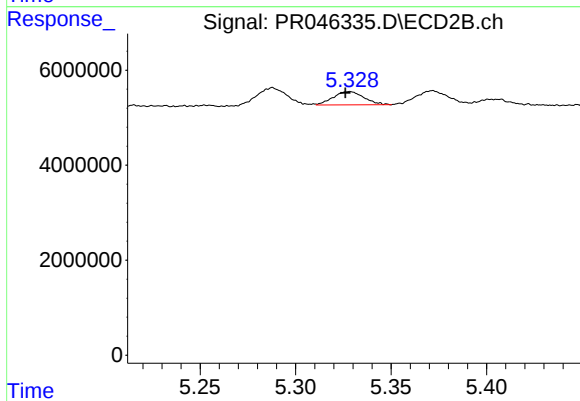
#21 AR-1248-1

R.T.: 5.089 min  
Delta R.T.: 0.001 min  
Response: 6719348  
Conc: 23.30 ng/ml



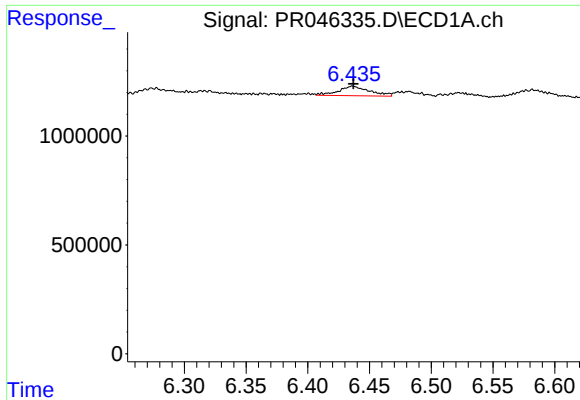
#22 AR-1248-2

R.T.: 6.224 min  
Delta R.T.: -0.004 min  
Response: 442416  
Conc: 8.11 ng/ml



#22 AR-1248-2

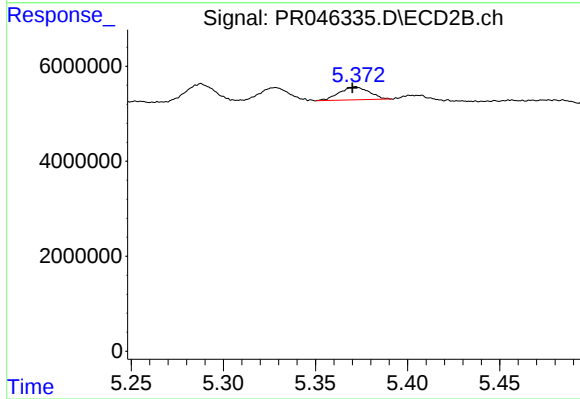
R.T.: 5.328 min  
Delta R.T.: 0.002 min  
Response: 3129165  
Conc: 8.87 ng/ml



#23 AR-1248-3

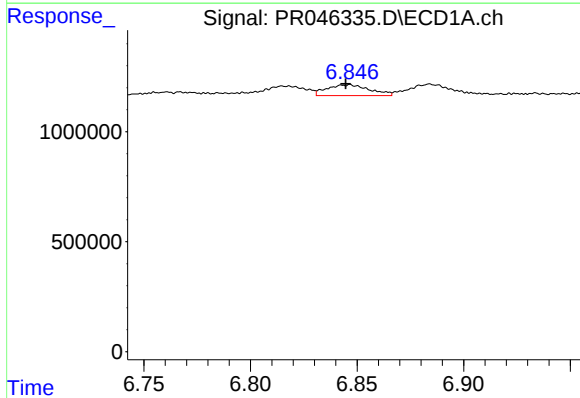
R.T.: 6.436 min  
Delta R.T.: 0.000 min  
Response: 771692  
Conc: 12.43 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :



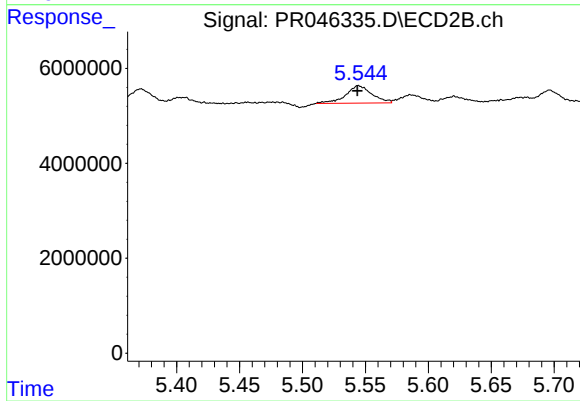
#23 AR-1248-3

R.T.: 5.372 min  
Delta R.T.: 0.002 min  
Response: 3074746  
Conc: 8.22 ng/ml



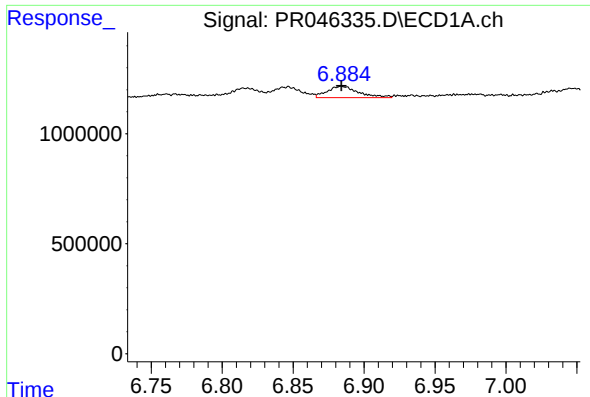
#24 AR-1248-4

R.T.: 6.847 min  
Delta R.T.: 0.002 min  
Response: 688810  
Conc: 9.35 ng/ml



#24 AR-1248-4

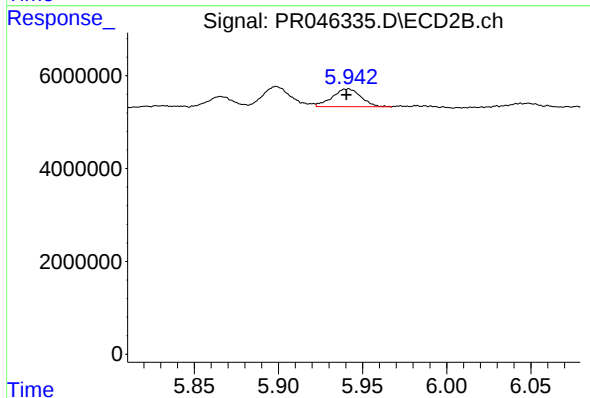
R.T.: 5.545 min  
Delta R.T.: 0.000 min  
Response: 5345811  
Conc: 11.39 ng/ml



#25 AR-1248-5

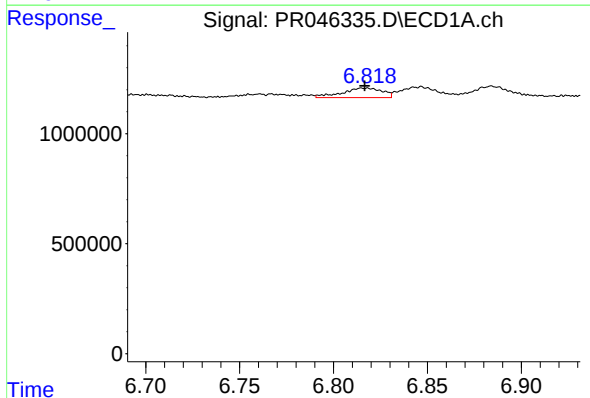
R.T.: 6.884 min  
Delta R.T.: 0.000 min  
Response: 796741  
Conc: 11.34 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :



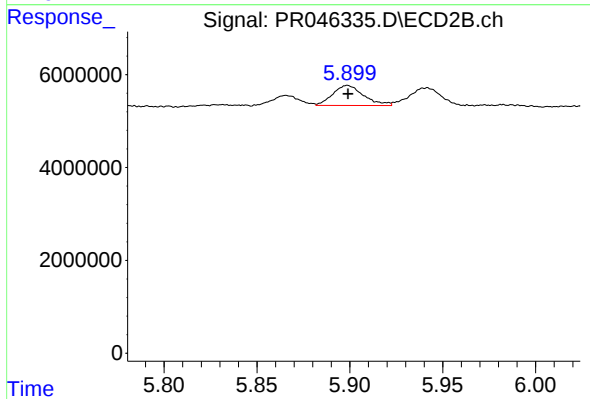
#25 AR-1248-5

R.T.: 5.941 min  
Delta R.T.: 0.000 min  
Response: 4576879  
Conc: 9.45 ng/ml



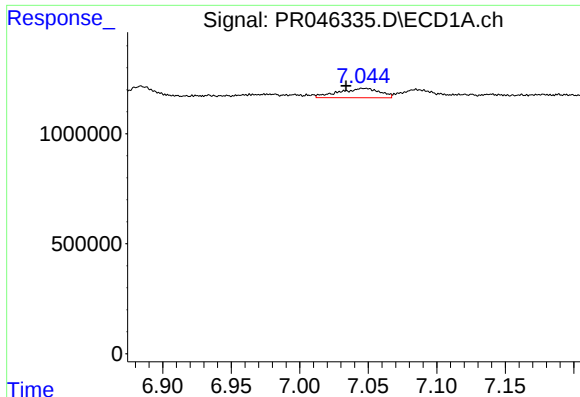
#26 AR-1254-1

R.T.: 6.816 min  
Delta R.T.: 0.000 min  
Response: 643172  
Conc: 8.33 ng/ml



#26 AR-1254-1

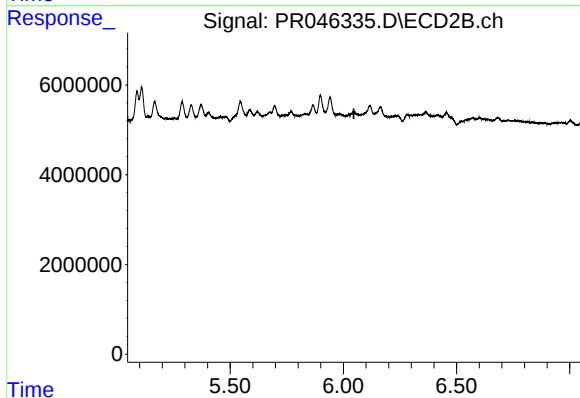
R.T.: 5.899 min  
Delta R.T.: 0.000 min  
Response: 5037119  
Conc: 6.40 ng/ml



#27 AR-1254-2

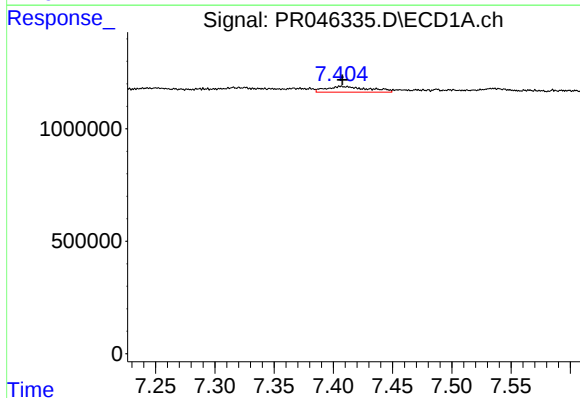
R.T.: 7.047 min  
Delta R.T.: 0.013 min  
Response: 890349  
Conc: 7.28 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :



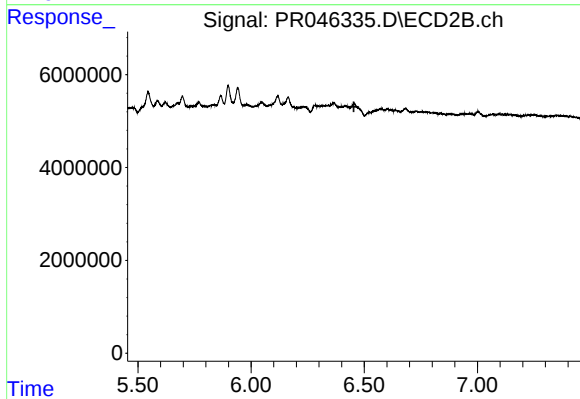
#27 AR-1254-2

R.T.: 0.000 min  
Exp R.T. : 6.047 min  
Response: 0  
Conc: N.D.



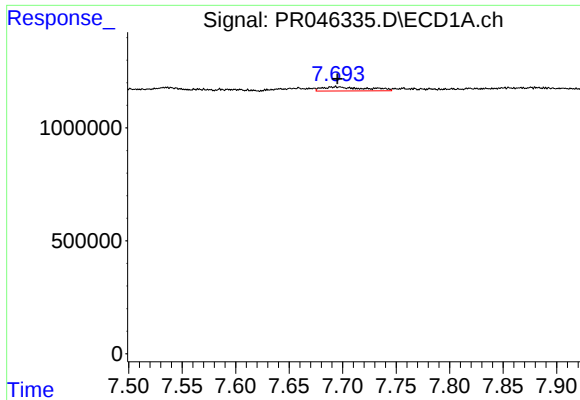
#28 AR-1254-3

R.T.: 7.407 min  
Delta R.T.: 0.000 min  
Response: 637906  
Conc: 4.76 ng/ml



#28 AR-1254-3

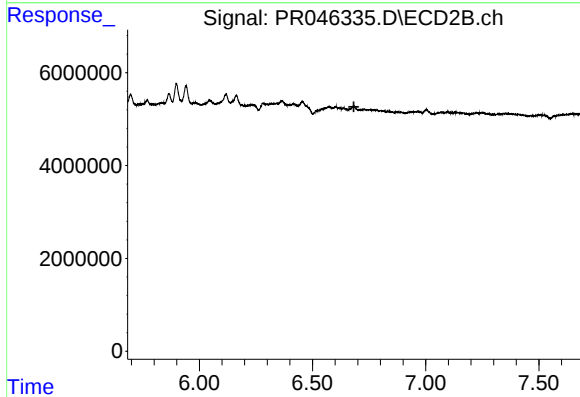
R.T.: 0.000 min  
Exp R.T. : 6.454 min  
Response: 0  
Conc: N.D.



#29 AR-1254-4

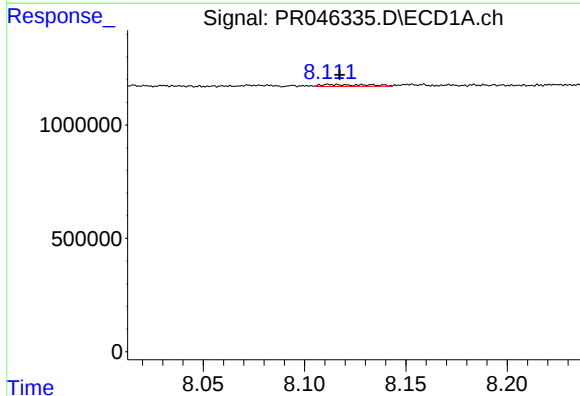
R.T.: 7.694 min  
Delta R.T.: 0.000 min  
Response: 515200  
Conc: 5.02 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :



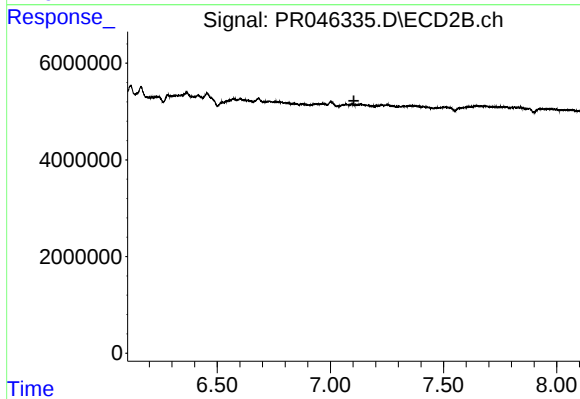
#29 AR-1254-4

R.T.: 0.000 min  
Exp R.T. : 6.683 min  
Response: 0  
Conc: N.D.



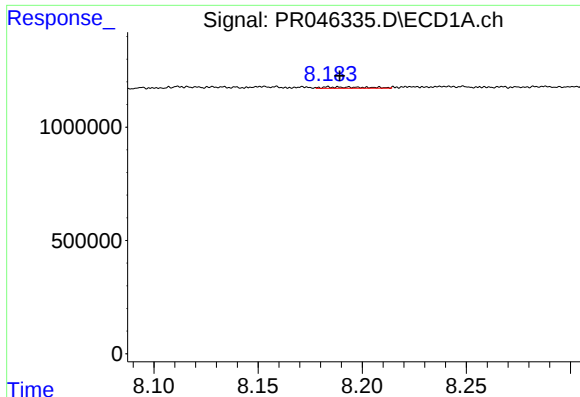
#30 AR-1254-5

R.T.: 8.112 min  
Delta R.T.: -0.005 min  
Response: 129506  
Conc: 1.16 ng/ml



#30 AR-1254-5

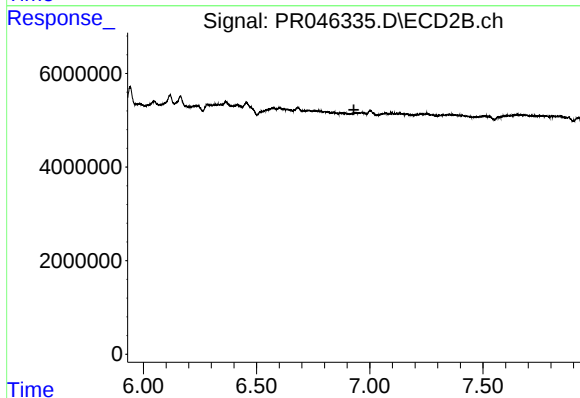
R.T.: 0.000 min  
Exp R.T. : 7.104 min  
Response: 0  
Conc: N.D.



#33 AR-1260-3

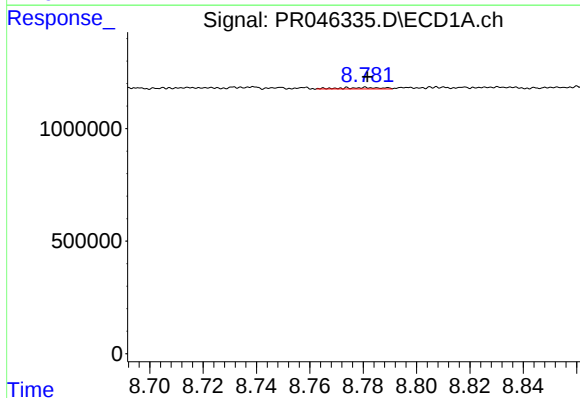
R.T.: 8.184 min  
Delta R.T.: -0.005 min  
Response: 79538  
Conc: 0.89 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :



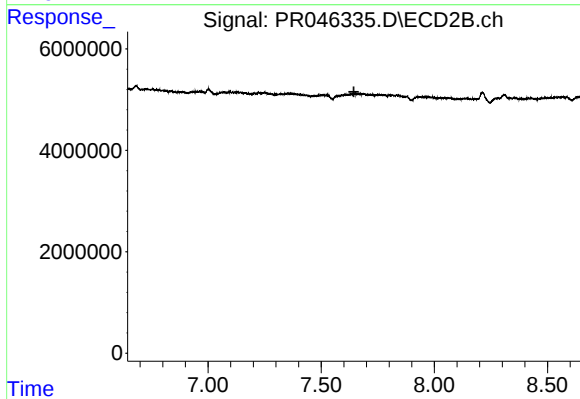
#33 AR-1260-3

R.T.: 0.000 min  
Exp R.T. : 6.930 min  
Response: 0  
Conc: N.D.



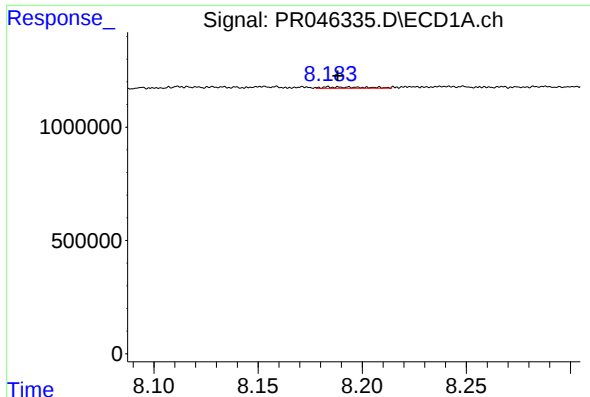
#35 AR-1260-5

R.T.: 8.781 min  
Delta R.T.: 0.000 min  
Response: 63114  
Conc: 0.29 ng/ml



#35 AR-1260-5

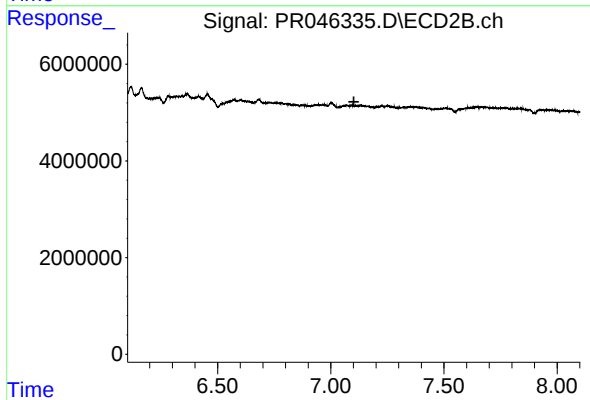
R.T.: 0.000 min  
Exp R.T. : 7.644 min  
Response: 0  
Conc: N.D.



#36 AR-1262-1

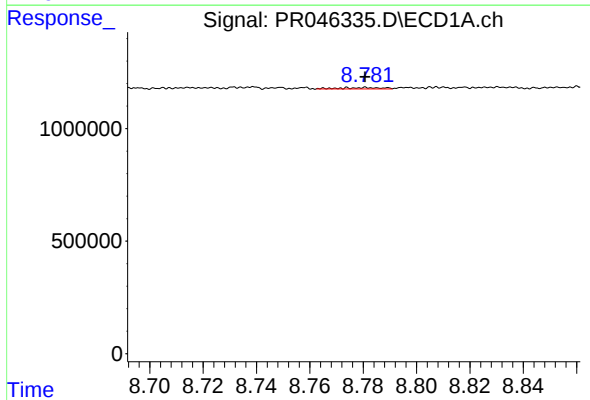
R.T.: 8.184 min  
Delta R.T.: -0.004 min  
Response: 79538  
Conc: 0.65 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :



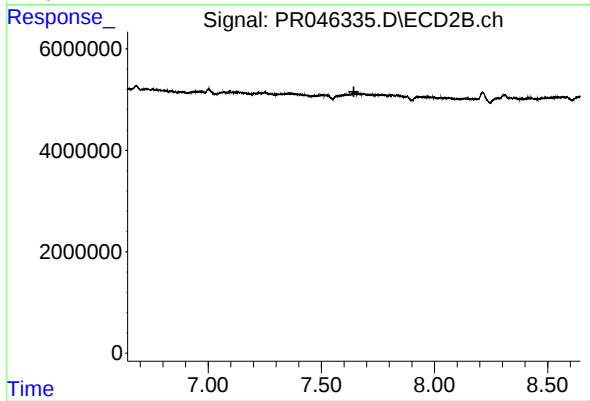
#36 AR-1262-1

R.T.: 0.000 min  
Exp R.T. : 7.102 min  
Response: 0  
Conc: N.D.



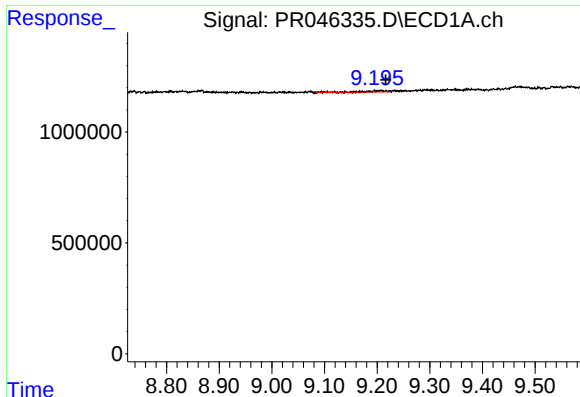
#37 AR-1262-2

R.T.: 8.781 min  
Delta R.T.: 0.000 min  
Response: 63114  
Conc: 0.28 ng/ml



#37 AR-1262-2

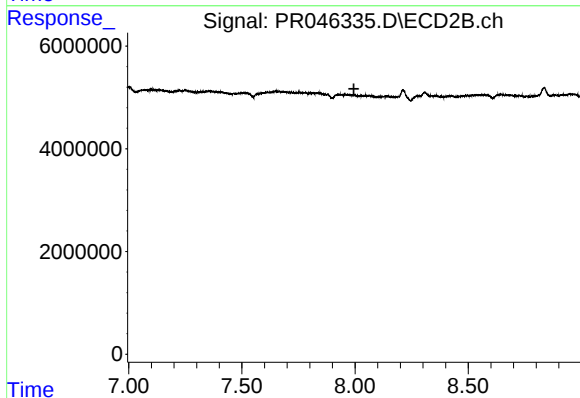
R.T.: 0.000 min  
Exp R.T. : 7.644 min  
Response: 0  
Conc: N.D.



#39 AR-1262-4

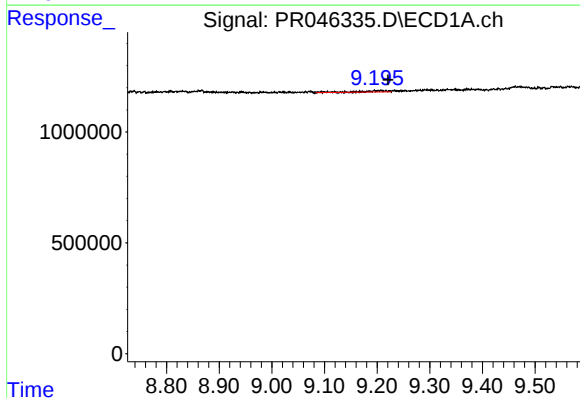
R.T.: 9.207 min  
Delta R.T.: -0.009 min  
Response: 171103  
Conc: 1.50 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :



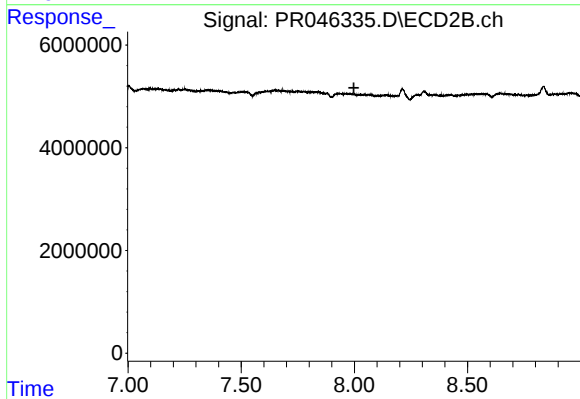
#39 AR-1262-4

R.T.: 0.000 min  
Exp R.T. : 7.995 min  
Response: 0  
Conc: N.D.



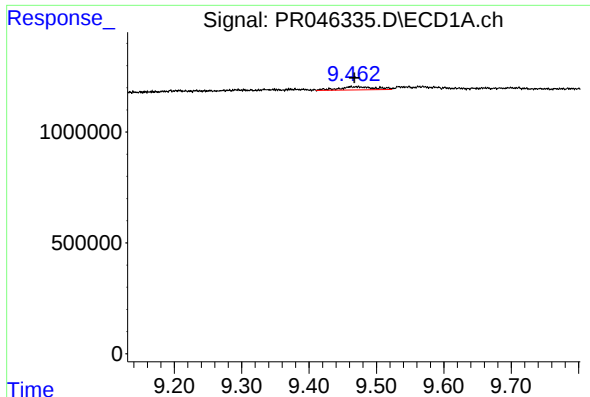
#42 AR-1268-2

R.T.: 9.207 min  
Delta R.T.: -0.014 min  
Response: 171103  
Conc: 0.65 ng/ml



#42 AR-1268-2

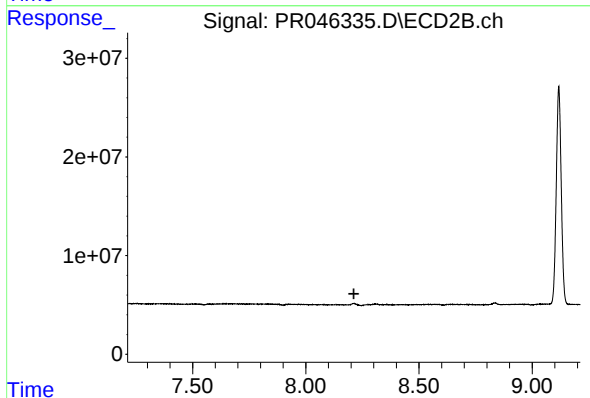
R.T.: 0.000 min  
Exp R.T. : 7.998 min  
Response: 0  
Conc: N.D.



#43 AR-1268-3

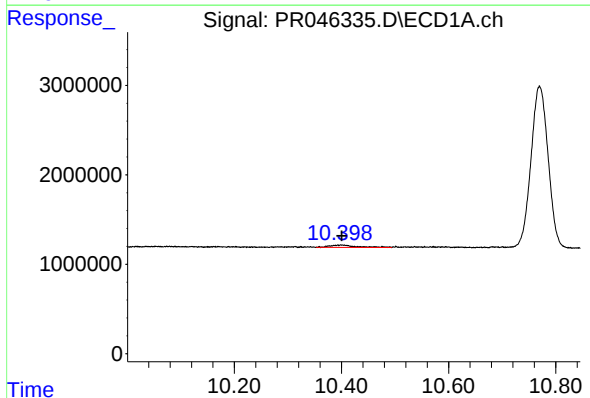
R.T.: 9.463 min  
Delta R.T.: -0.005 min  
Response: 548407  
Conc: 2.51 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :



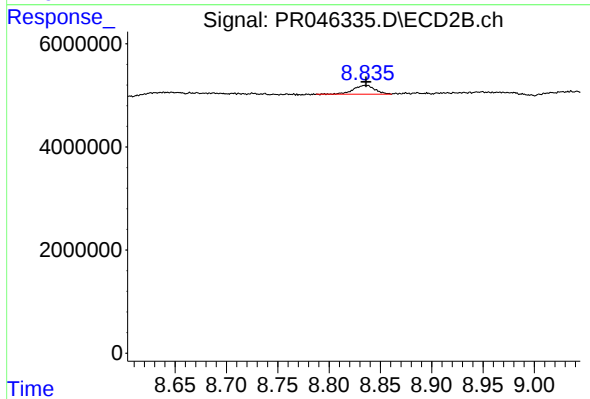
#43 AR-1268-3

R.T.: 0.000 min  
Exp R.T. : 8.212 min  
Response: 0  
Conc: N.D.



#45 AR-1268-5

R.T.: 10.401 min  
Delta R.T.: 0.000 min  
Response: 867975  
Conc: 1.22 ng/ml



#45 AR-1268-5

R.T.: 8.836 min  
Delta R.T.: 0.000 min  
Response: 2488225  
Conc: 0.45 ng/ml