

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_R\Data\PR031519\  
 Data File : PR036254.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 16 Mar 2019 01:53  
 Operator : SM\SJ  
 Sample : K1905-07  
 Misc :  
 ALS Vial : 36 Sample Multiplier: 1

Instrument :  
 ECD\_R  
 ClientSampleId :  
 RT-3483

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Mar 16 04:06:06 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_R\Method\PR031519.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Sat Mar 16 00:14:35 2019  
 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... | 4.406  | 3.479 | 50183216 | 169.2E6  | 27.193 | 26.617    |
| 2)                          | SA Decachlor... | 10.063 | 8.347 | 31853970 | 103.5E6  | 21.811 | 18.144    |
| Target Compounds            |                 |        |       |          |          |        |           |
| 3)                          | L1 AR-1016-1    | 0.000  | 4.537 | 0        | 13440311 | N.D.   | 55.057 #  |
| 4)                          | L1 AR-1016-2    | 0.000  | 4.537 | 0        | 13440311 | N.D.   | 34.974 #  |
| 5)                          | L1 AR-1016-3    | 0.000  | 4.691 | 0        | 11560110 | N.D.   | 60.498 #  |
| 6)                          | L1 AR-1016-4    | 0.000  | 4.767 | 0        | 23249026 | N.D.   | 158.408 # |
| 7)                          | L1 AR-1016-5    | 0.000  | 4.987 | 0        | 15570185 | N.D.   | 79.863 #  |
| 8)                          | L2 AR-1221-1    | 0.000  | 3.667 | 0        | 3870009  | N.D.   | 66.254 #  |
| 9)                          | L2 AR-1221-2    | 0.000  | 3.773 | 0        | 6418617  | N.D.   | 145.906 # |
| 10)                         | L2 AR-1221-3    | 0.000  | 3.802 | 0        | 1124111  | N.D.   | 7.609 #   |
| 11)                         | L3 AR-1232-1    | 0.000  | 3.802 | 0        | 1124111  | N.D.   | 9.138 #   |
| 12)                         | L3 AR-1232-2    | 0.000  | 4.537 | 0        | 13440311 | N.D.   | 91.042 #  |
| 13)                         | L3 AR-1232-3    | 0.000  | 4.691 | 0        | 11560110 | N.D.   | 158.428 # |
| 14)                         | L3 AR-1232-4    | 0.000  | 4.827 | 0        | 13094257 | N.D.   | 210.742 # |
| 15)                         | L3 AR-1232-5    | 0.000  | 4.987 | 0        | 15570185 | N.D.   | 222.218 # |
| 16)                         | L4 AR-1242-1    | 0.000  | 4.537 | 0        | 13440311 | N.D.   | 70.959 #  |
| 17)                         | L4 AR-1242-2    | 0.000  | 4.537 | 0        | 13440311 | N.D.   | 46.925 #  |
| 18)                         | L4 AR-1242-3    | 0.000  | 4.691 | 0        | 11560110 | N.D.   | 79.377 #  |
| 19)                         | L4 AR-1242-4    | 0.000  | 4.827 | 0        | 13094257 | N.D.   | 96.059 #  |
| 20)                         | L4 AR-1242-5    | 0.000  | 5.325 | 0        | 12173372 | N.D.   | 62.728 #  |
| 21)                         | L5 AR-1248-1    | 0.000  | 4.537 | 0        | 13440311 | N.D.   | 71.945 #  |
| 22)                         | L5 AR-1248-2    | 0.000  | 4.767 | 0        | 23249026 | N.D.   | 92.743 #  |
| 23)                         | L5 AR-1248-3    | 0.000  | 4.827 | 0        | 13094257 | N.D.   | 50.858 #  |
| 24)                         | L5 AR-1248-4    | 0.000  | 4.987 | 0        | 15570185 | N.D.   | 48.559 #  |
| 25)                         | L5 AR-1248-5    | 0.000  | 5.325 | 0        | 12173372 | N.D.   | 35.650 #  |
| 26)                         | L6 AR-1254-1    | 0.000  | 5.325 | 0        | 12173372 | N.D.   | 33.473 #  |
| 27)                         | L6 AR-1254-2    | 0.000  | 5.465 | 0        | 10380682 | N.D.   | 32.186 #  |
| 28)                         | L6 AR-1254-3    | 0.000  | 5.845 | 0        | 13089718 | N.D.   | 25.328 #  |
| 29)                         | L6 AR-1254-4    | 0.000  | 6.067 | 0        | 19726502 | N.D.   | 52.793 #  |
| 30)                         | L6 AR-1254-5    | 0.000  | 6.489 | 0        | 15727353 | N.D.   | 33.316 #  |
| 31)                         | L7 AR-1260-1    | 0.000  | 5.986 | 0        | 8381921  | N.D.   | 22.995 #  |
| 32)                         | L7 AR-1260-2    | 0.000  | 6.163 | 0        | 18009088 | N.D.   | 34.577 #  |
| 33)                         | L7 AR-1260-3    | 0.000  | 6.316 | 0        | 6034560  | N.D.   | 14.234 #  |
| 34)                         | L7 AR-1260-4    | 0.000  | 6.783 | 0        | 2572373  | N.D.   | 7.317 #   |
| 35)                         | L7 AR-1260-5    | 0.000  | 7.019 | 0        | 4648967  | N.D.   | 4.709 #   |
| 37)                         | L8 AR-1262-2    | 0.000  | 7.019 | 0        | 4648967  | N.D.   | 3.955 #   |
| 40)                         | L8 AR-1262-5    | 0.000  | 7.849 | 0        | 5177624  | N.D.   | 16.606 #  |
| 44)                         | L9 AR-1268-4    | 0.000  | 7.849 | 0        | 5177624  | N.D.   | 14.250 #  |
| -----                       |                 |        |       |          |          |        |           |

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

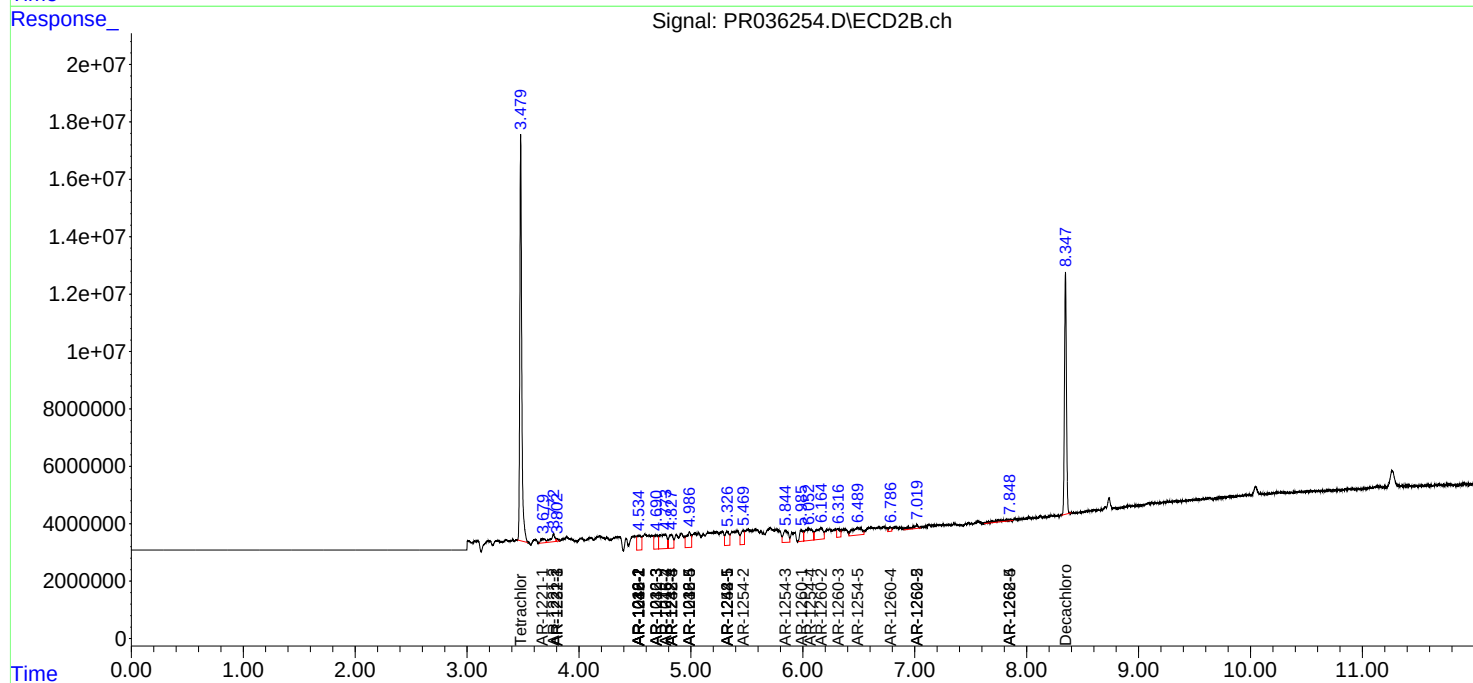
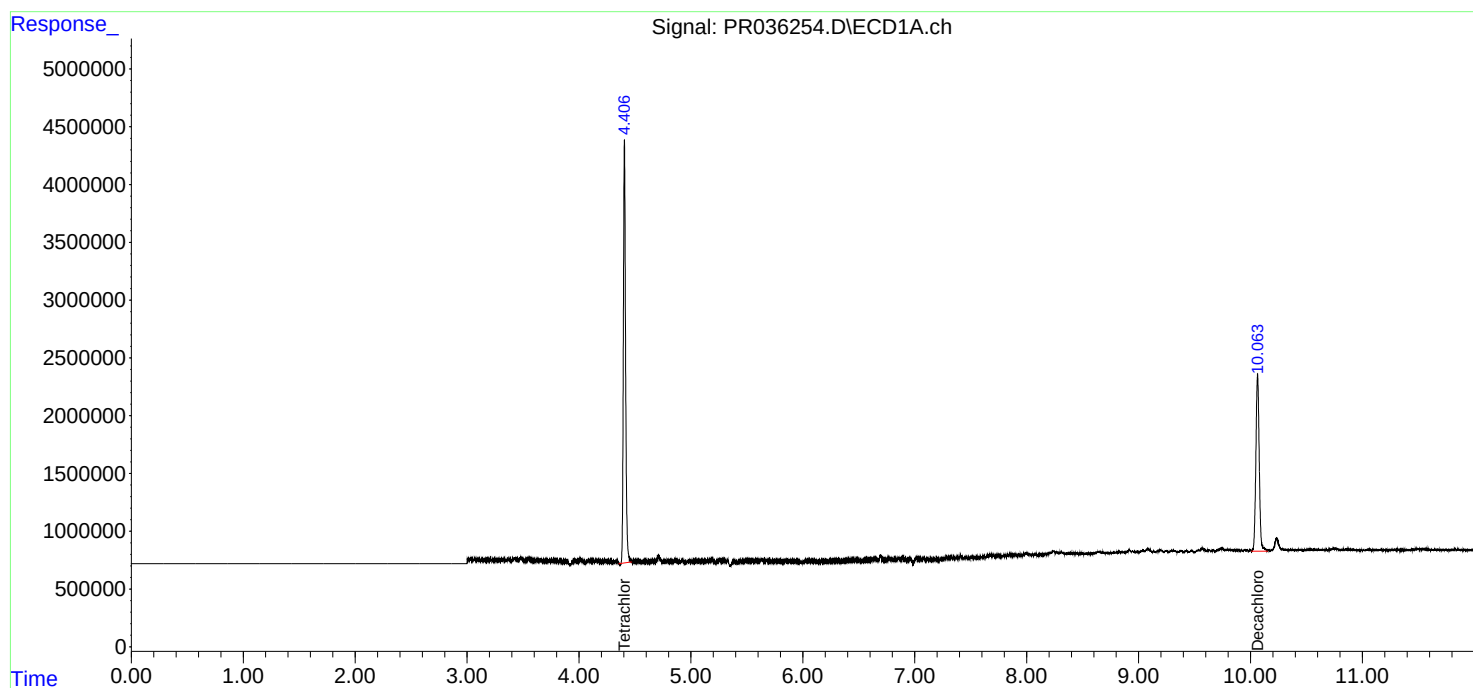
Instrument :  
ECD\_R  
ClientSampleId :  
RT-3483

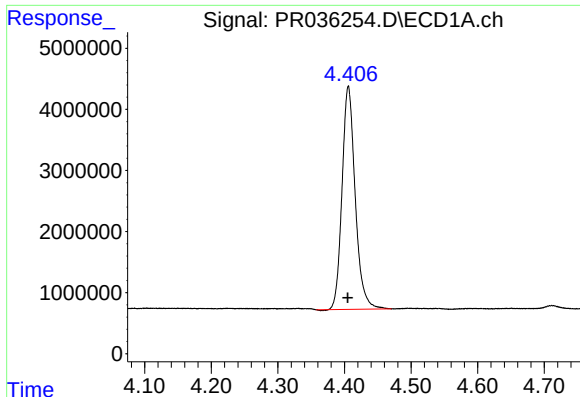
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_R\Data\PR031519\  
Data File : PR036254.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 16 Mar 2019 01:53  
Operator : SM\SJ  
Sample : K1905-07  
Misc :  
ALS Vial : 36 Sample Multiplier: 1

Instrument :  
ECD\_R  
ClientSampled :  
RT-3483

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Mar 16 04:06:06 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_R\Method\PR031519.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Sat Mar 16 00:14:35 2019  
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

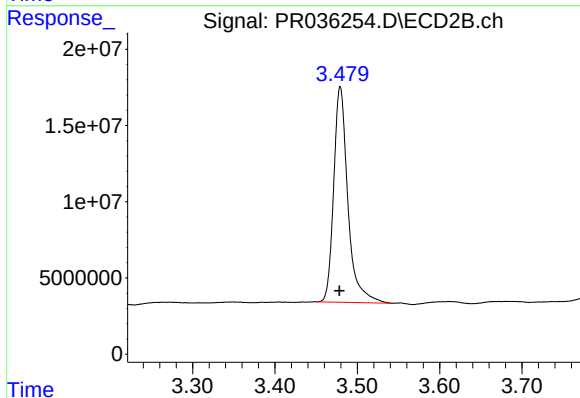




#1 Tetrachloro-m-xylene

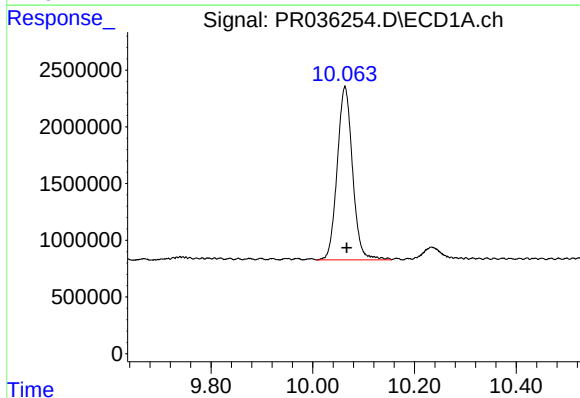
R.T.: 4.406 min  
Delta R.T.: 0.000 min  
Response: 50183216  
Conc: 27.19 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
RT-3483



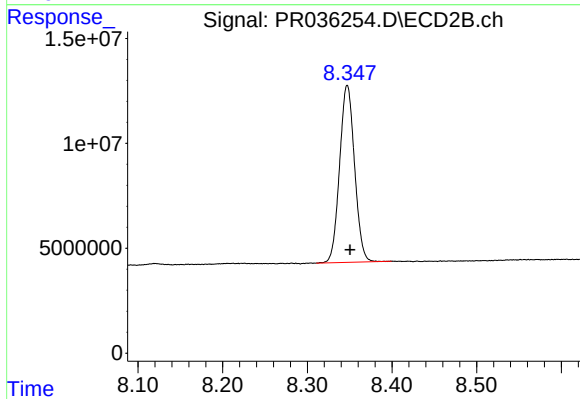
#1 Tetrachloro-m-xylene

R.T.: 3.479 min  
Delta R.T.: 0.001 min  
Response: 169166044  
Conc: 26.62 ng/ml



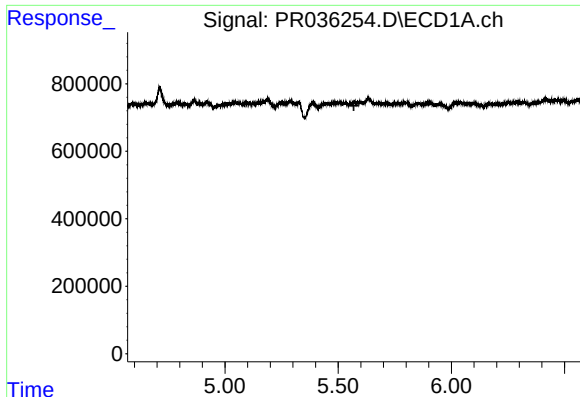
#2 Decachlorobiphenyl

R.T.: 10.063 min  
Delta R.T.: -0.003 min  
Response: 31853970  
Conc: 21.81 ng/ml



#2 Decachlorobiphenyl

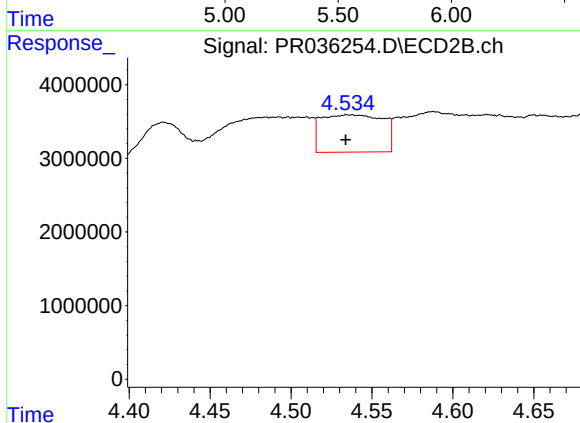
R.T.: 8.347 min  
Delta R.T.: -0.003 min  
Response: 103542144  
Conc: 18.14 ng/ml



#3 AR-1016-1

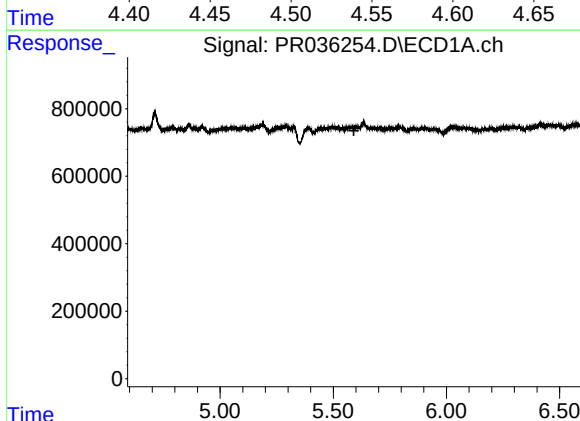
R.T.: 0.000 min  
Exp R.T.: 5.569 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_R  
ClientSampleId :  
RT-3483



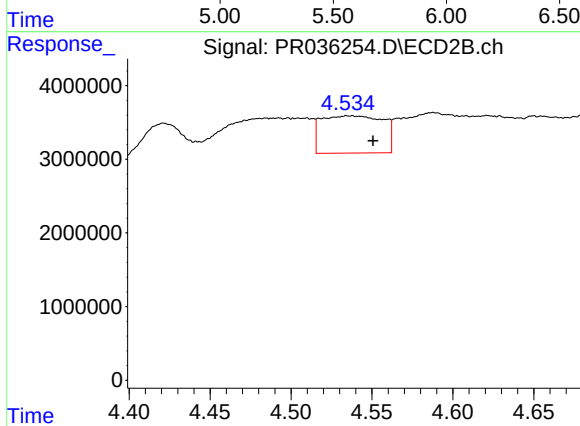
#3 AR-1016-1

R.T.: 4.537 min  
Delta R.T.: 0.003 min  
Response: 13440311  
Conc: 55.06 ng/ml



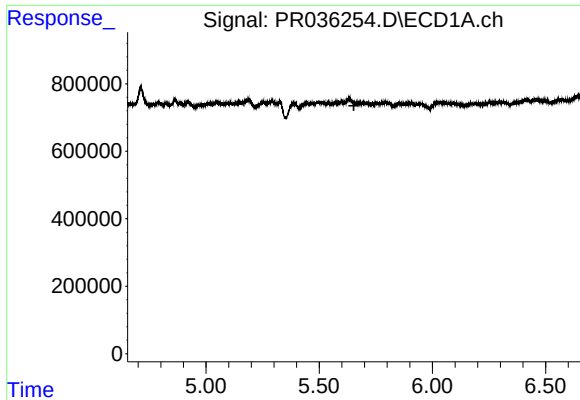
#4 AR-1016-2

R.T.: 0.000 min  
Exp R.T.: 5.591 min  
Response: 0  
Conc: N.D.



#4 AR-1016-2

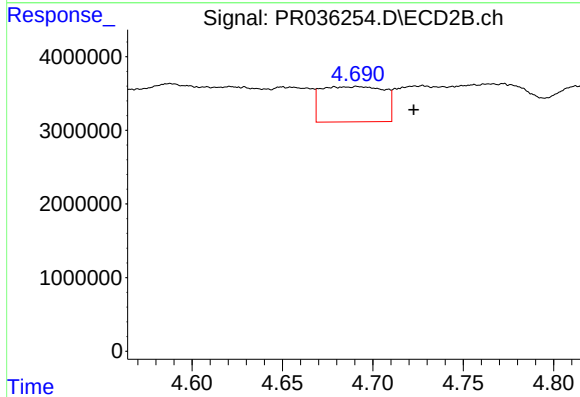
R.T.: 4.537 min  
Delta R.T.: -0.014 min  
Response: 13440311  
Conc: 34.97 ng/ml



#5 AR-1016-3

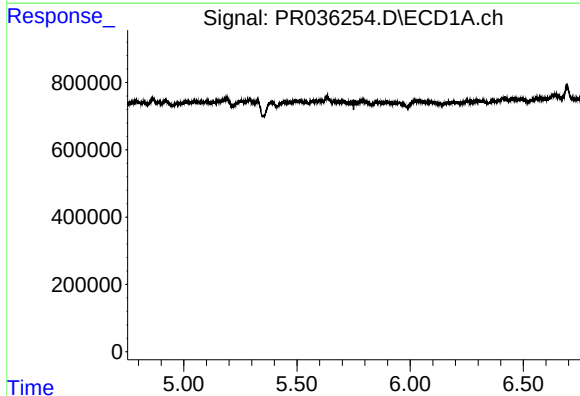
R.T.: 0.000 min  
Exp R.T.: 5.653 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_R  
ClientSampleId :  
RT-3483



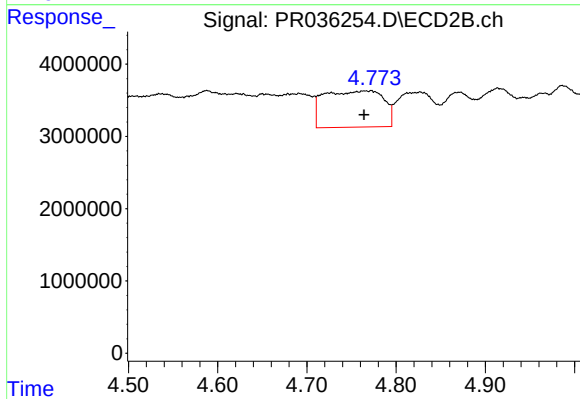
#5 AR-1016-3

R.T.: 4.691 min  
Delta R.T.: -0.031 min  
Response: 11560110  
Conc: 60.50 ng/ml



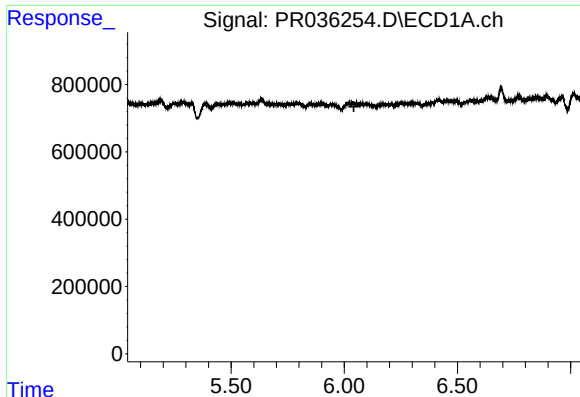
#6 AR-1016-4

R.T.: 0.000 min  
Exp R.T.: 5.752 min  
Response: 0  
Conc: N.D.



#6 AR-1016-4

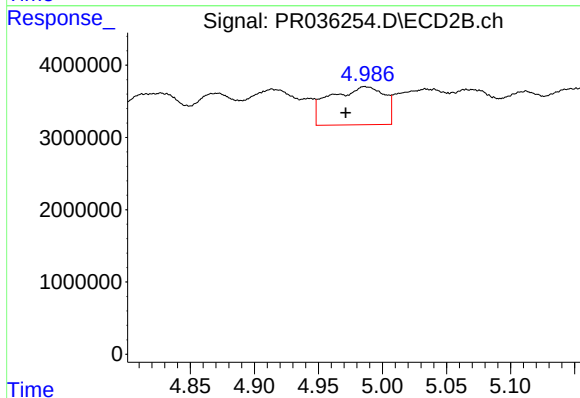
R.T.: 4.767 min  
Delta R.T.: 0.003 min  
Response: 23249026  
Conc: 158.41 ng/ml



#7 AR-1016-5

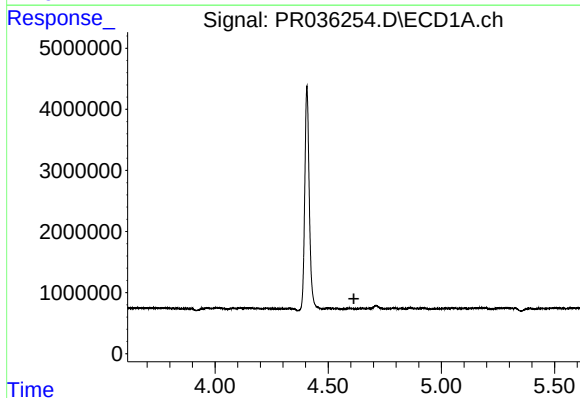
R.T.: 0.000 min  
Exp R.T.: 6.043 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_R  
ClientSampleId :  
RT-3483



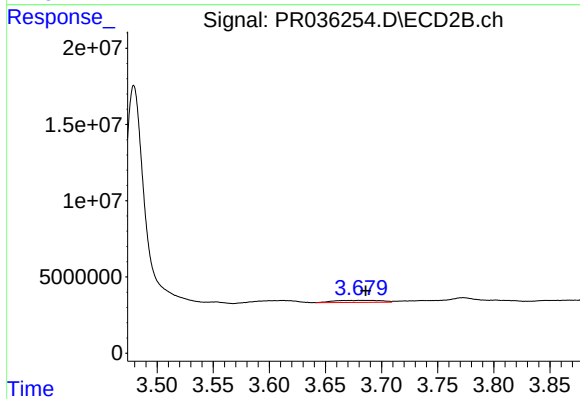
#7 AR-1016-5

R.T.: 4.987 min  
Delta R.T.: 0.016 min  
Response: 15570185  
Conc: 79.86 ng/ml



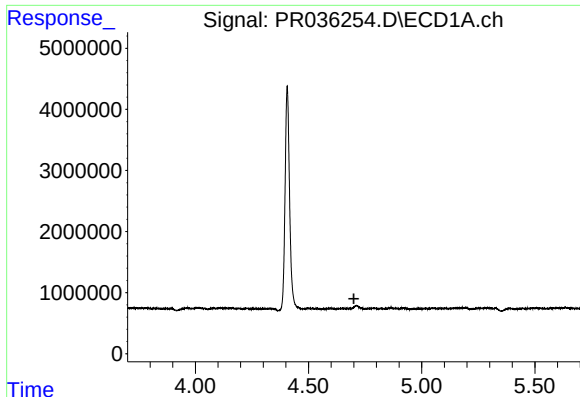
#8 AR-1221-1

R.T.: 0.000 min  
Exp R.T.: 4.614 min  
Response: 0  
Conc: N.D.



#8 AR-1221-1

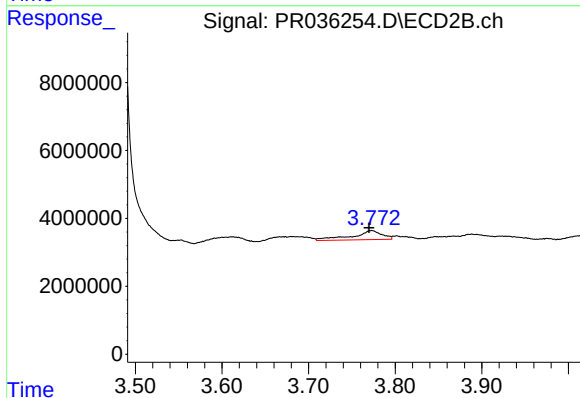
R.T.: 3.667 min  
Delta R.T.: -0.019 min  
Response: 3870009  
Conc: 66.25 ng/ml



#9 AR-1221-2

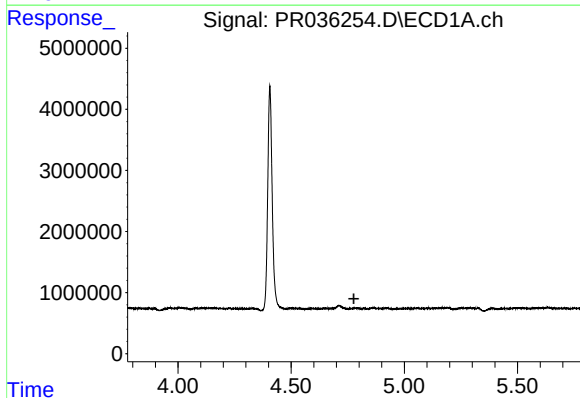
R.T.: 0.000 min  
Exp R.T. : 4.701 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_R  
ClientSampleId :  
RT-3483



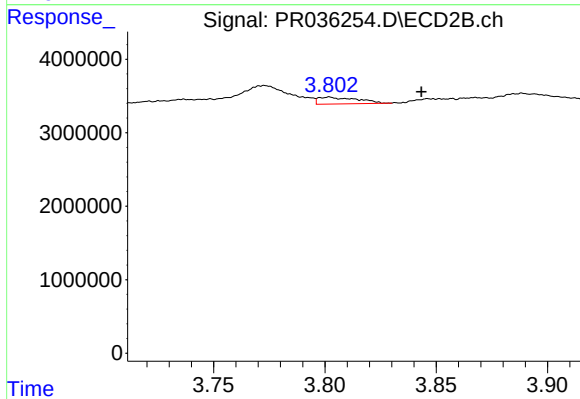
#9 AR-1221-2

R.T.: 3.773 min  
Delta R.T.: 0.003 min  
Response: 6418617  
Conc: 145.91 ng/ml



#10 AR-1221-3

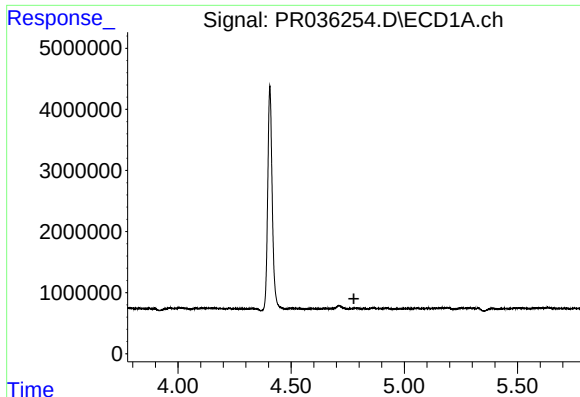
R.T.: 0.000 min  
Exp R.T. : 4.777 min  
Response: 0  
Conc: N.D.



#10 AR-1221-3

R.T.: 3.802 min  
Delta R.T.: -0.042 min  
Response: 1124111  
Conc: 7.61 ng/ml

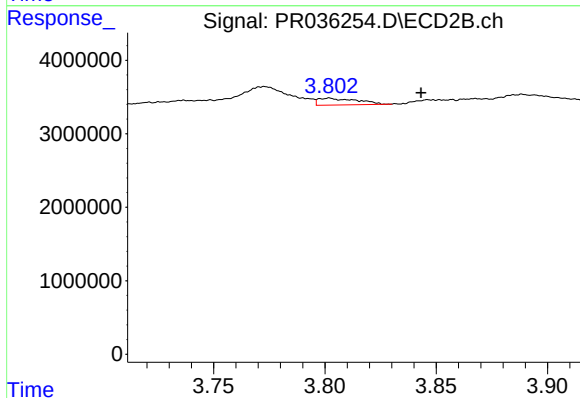




#11 AR-1232-1

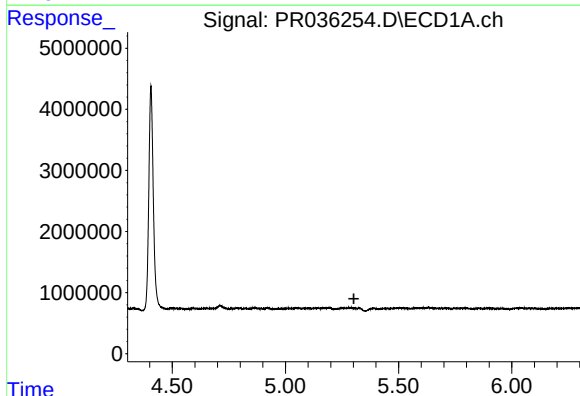
R.T.: 0.000 min  
Exp R.T.: 4.777 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_R  
ClientSampleId :  
RT-3483



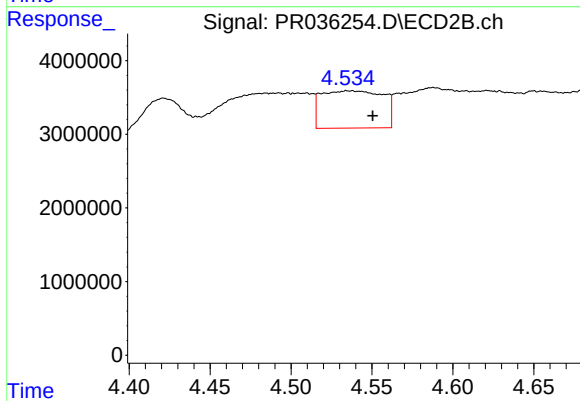
#11 AR-1232-1

R.T.: 3.802 min  
Delta R.T.: -0.041 min  
Response: 1124111  
Conc: 9.14 ng/ml



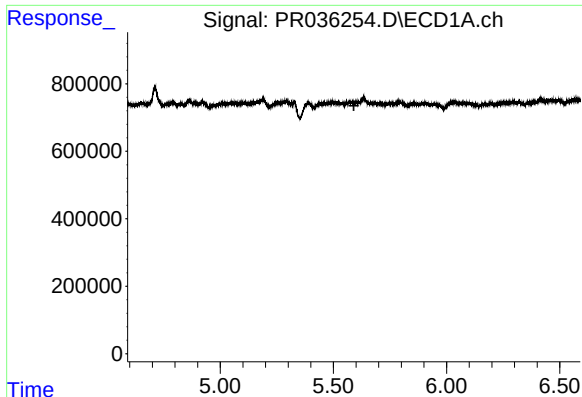
#12 AR-1232-2

R.T.: 0.000 min  
Exp R.T.: 5.303 min  
Response: 0  
Conc: N.D.



#12 AR-1232-2

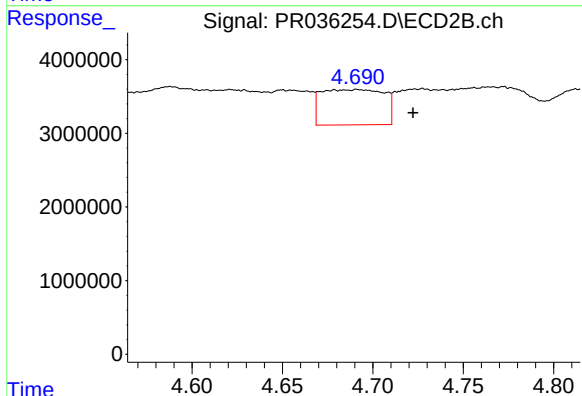
R.T.: 4.537 min  
Delta R.T.: -0.014 min  
Response: 13440311  
Conc: 91.04 ng/ml



#13 AR-1232-3

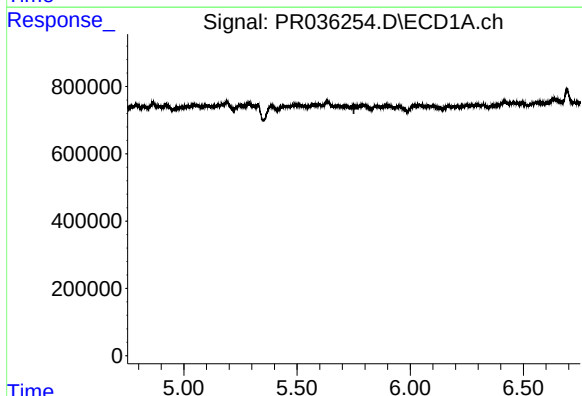
R.T.: 0.000 min  
Exp R.T.: 5.591 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_R  
ClientSampleId :  
RT-3483



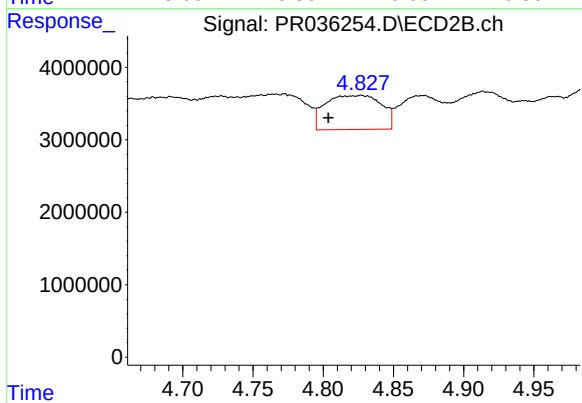
#13 AR-1232-3

R.T.: 4.691 min  
Delta R.T.: -0.031 min  
Response: 11560110  
Conc: 158.43 ng/ml



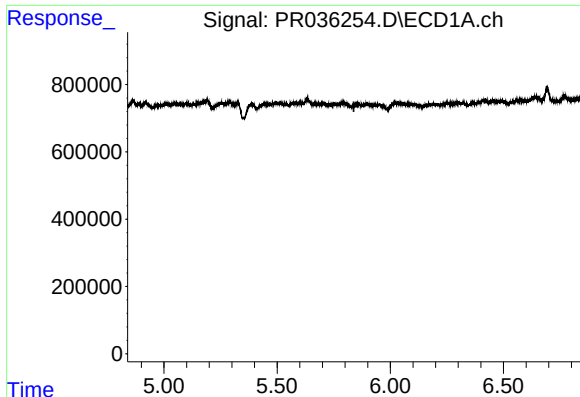
#14 AR-1232-4

R.T.: 0.000 min  
Exp R.T.: 5.751 min  
Response: 0  
Conc: N.D.



#14 AR-1232-4

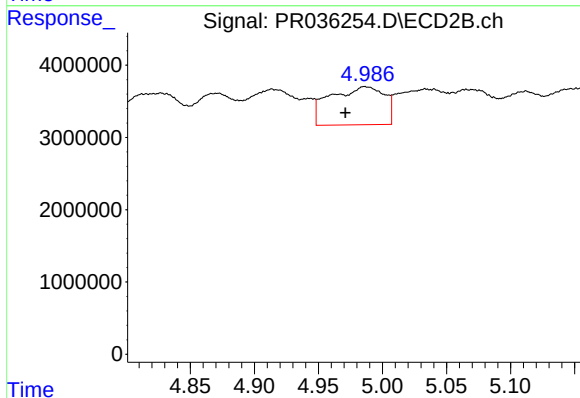
R.T.: 4.827 min  
Delta R.T.: 0.023 min  
Response: 13094257  
Conc: 210.74 ng/ml



#15 AR-1232-5

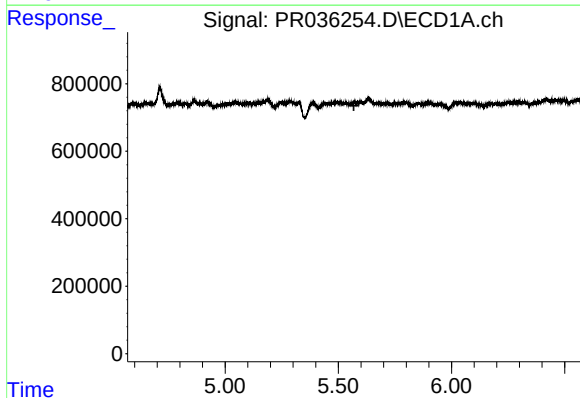
R.T.: 0.000 min  
Exp R.T.: 5.839 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_R  
ClientSampleId :  
RT-3483



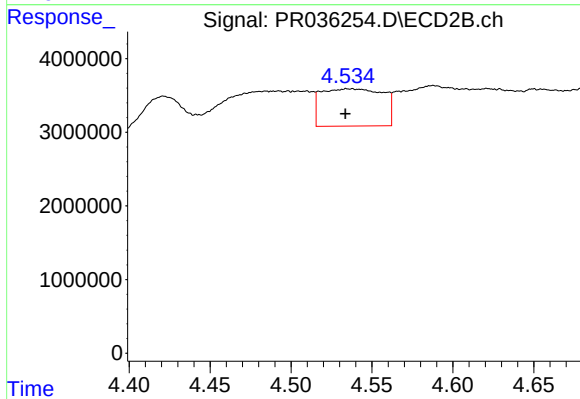
#15 AR-1232-5

R.T.: 4.987 min  
Delta R.T.: 0.016 min  
Response: 15570185  
Conc: 222.22 ng/ml



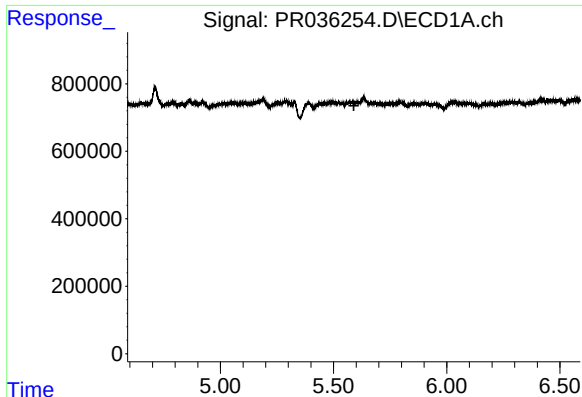
#16 AR-1242-1

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



#16 AR-1242-1

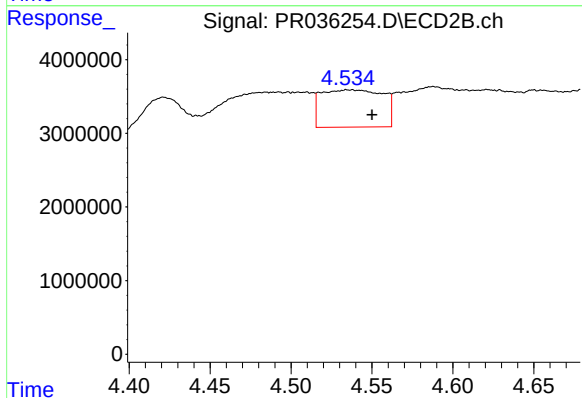
R.T.: 4.537 min  
Delta R.T.: 0.003 min  
Response: 13440311  
Conc: 70.96 ng/ml



#17 AR-1242-2

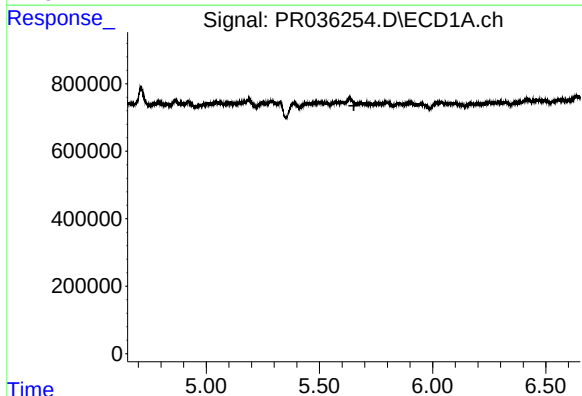
R.T.: 0.000 min  
Exp R.T.: 5.590 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_R  
ClientSampleId :  
RT-3483



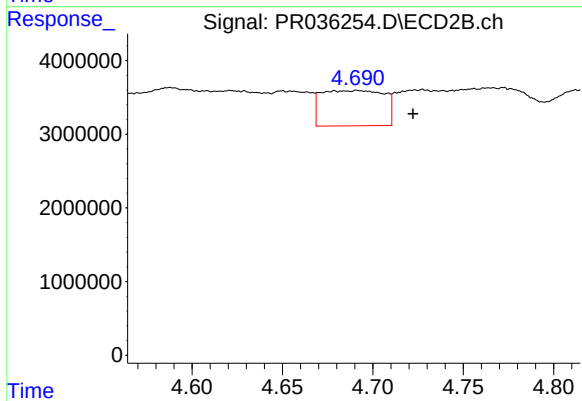
#17 AR-1242-2

R.T.: 4.537 min  
Delta R.T.: -0.013 min  
Response: 13440311  
Conc: 46.93 ng/ml



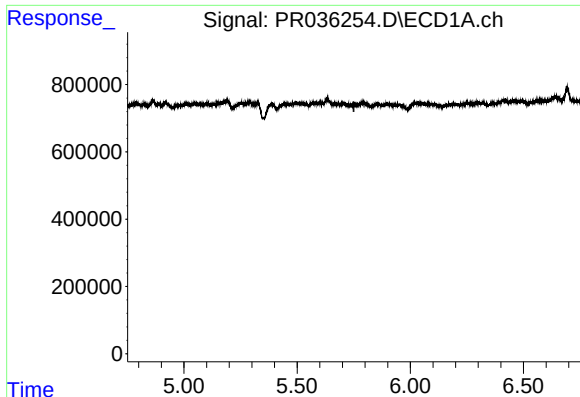
#18 AR-1242-3

R.T.: 0.000 min  
Exp R.T.: 5.652 min  
Response: 0  
Conc: N.D.



#18 AR-1242-3

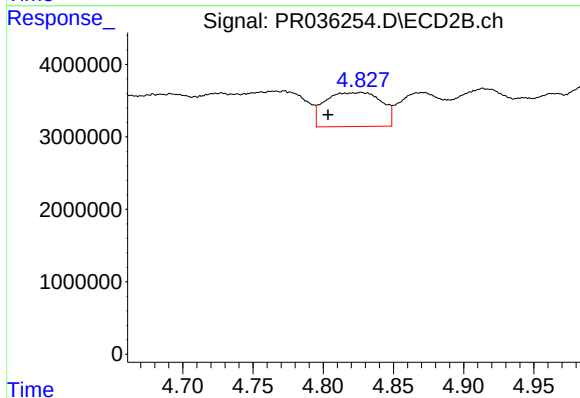
R.T.: 4.691 min  
Delta R.T.: -0.031 min  
Response: 11560110  
Conc: 79.38 ng/ml



#19 AR-1242-4

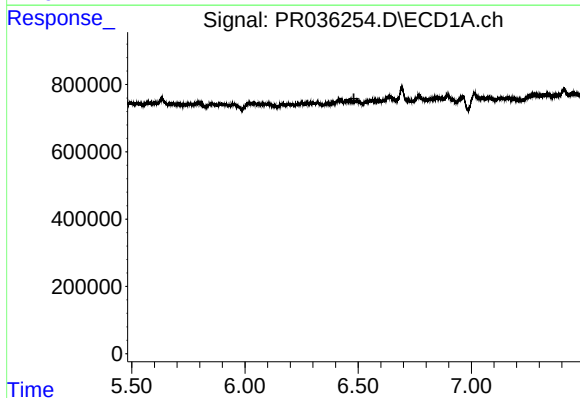
R.T.: 0.000 min  
Exp R.T.: 5.751 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_R  
ClientSampleId :  
RT-3483



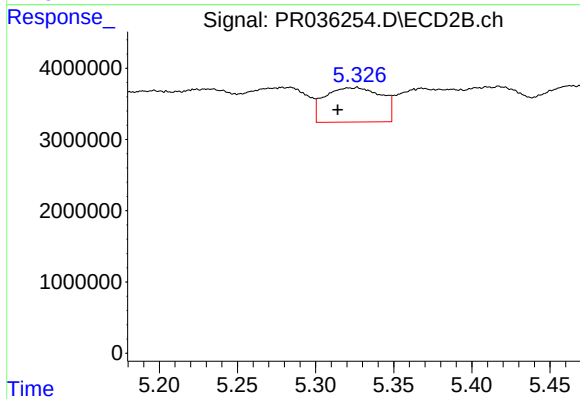
#19 AR-1242-4

R.T.: 4.827 min  
Delta R.T.: 0.023 min  
Response: 13094257  
Conc: 96.06 ng/ml



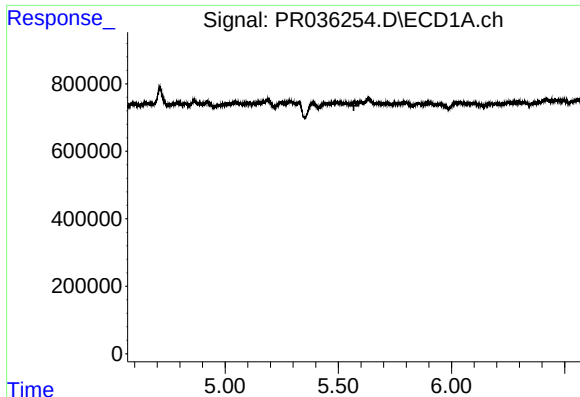
#20 AR-1242-5

R.T.: 0.000 min  
Exp R.T.: 6.481 min  
Response: 0  
Conc: N.D.



#20 AR-1242-5

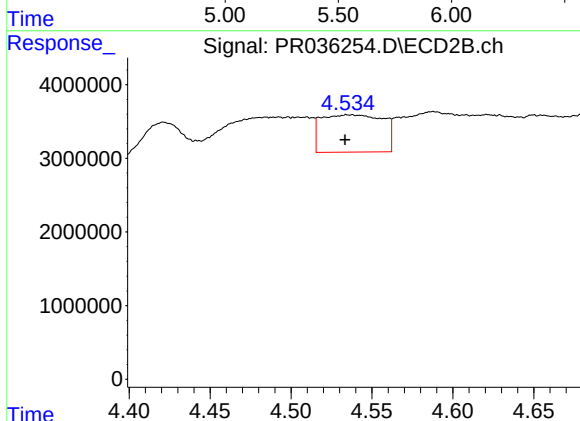
R.T.: 5.325 min  
Delta R.T.: 0.010 min  
Response: 12173372  
Conc: 62.73 ng/ml



#21 AR-1248-1

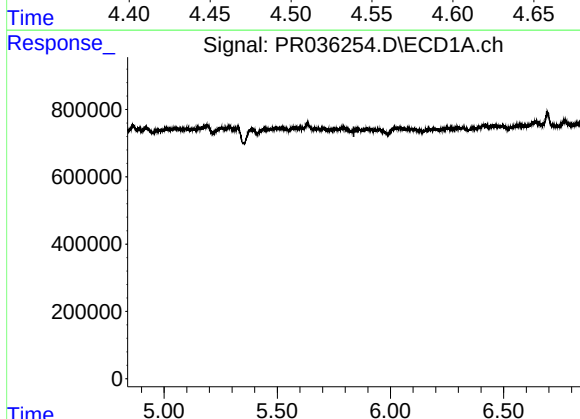
R.T.: 0.000 min  
Exp R.T.: 5.569 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_R  
ClientSampleId :  
RT-3483



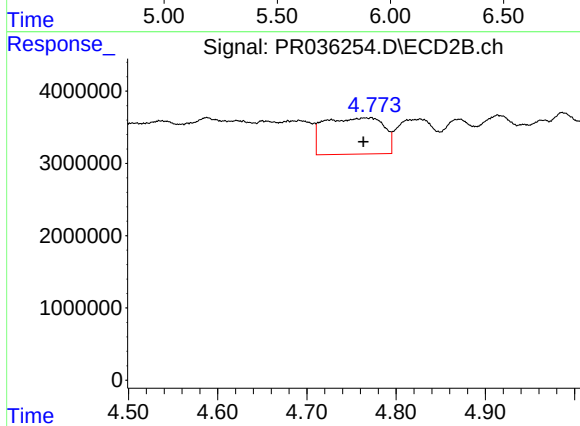
#21 AR-1248-1

R.T.: 4.537 min  
Delta R.T.: 0.003 min  
Response: 13440311  
Conc: 71.95 ng/ml



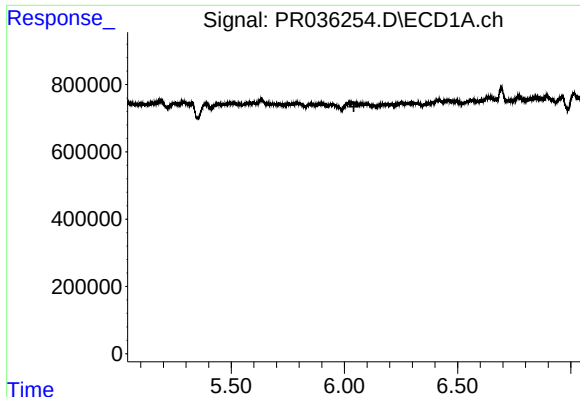
#22 AR-1248-2

R.T.: 0.000 min  
Exp R.T.: 5.839 min  
Response: 0  
Conc: N.D.



#22 AR-1248-2

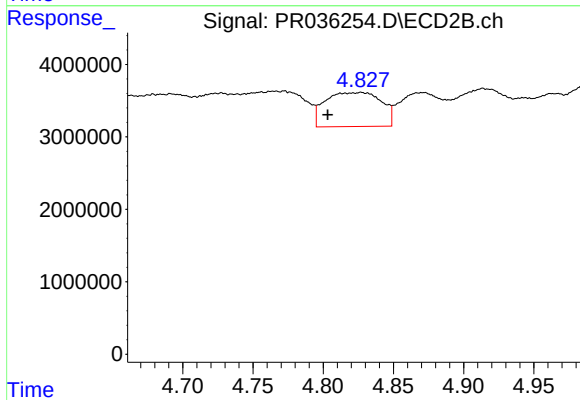
R.T.: 4.767 min  
Delta R.T.: 0.004 min  
Response: 23249026  
Conc: 92.74 ng/ml



#23 AR-1248-3

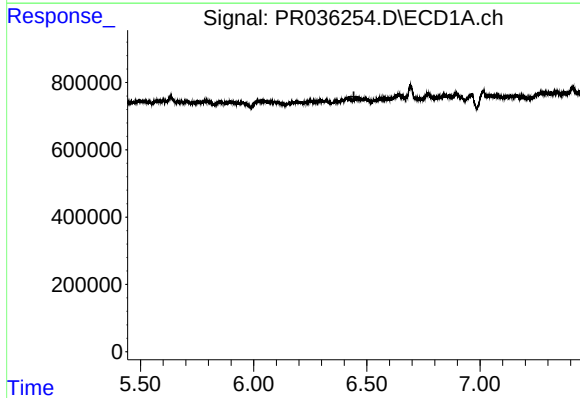
R.T.: 0.000 min  
Exp R.T.: 6.042 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_R  
ClientSampleId :  
RT-3483



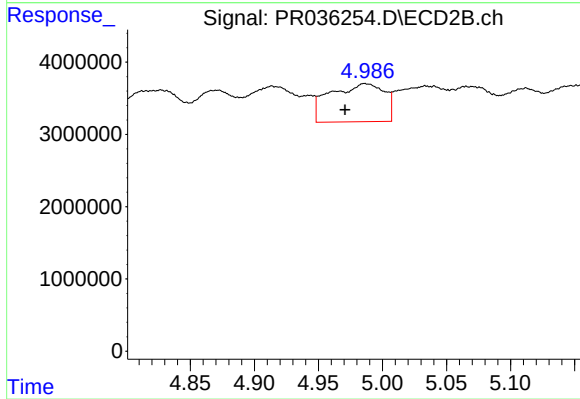
#23 AR-1248-3

R.T.: 4.827 min  
Delta R.T.: 0.024 min  
Response: 13094257  
Conc: 50.86 ng/ml



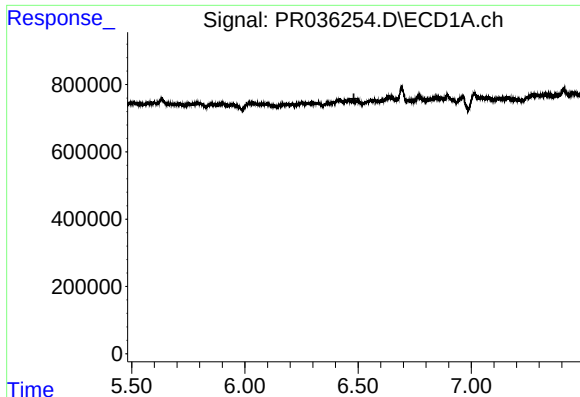
#24 AR-1248-4

R.T.: 0.000 min  
Exp R.T.: 6.443 min  
Response: 0  
Conc: N.D.



#24 AR-1248-4

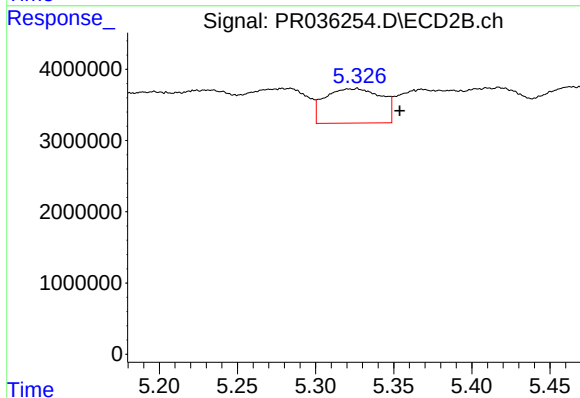
R.T.: 4.987 min  
Delta R.T.: 0.016 min  
Response: 15570185  
Conc: 48.56 ng/ml



#25 AR-1248-5

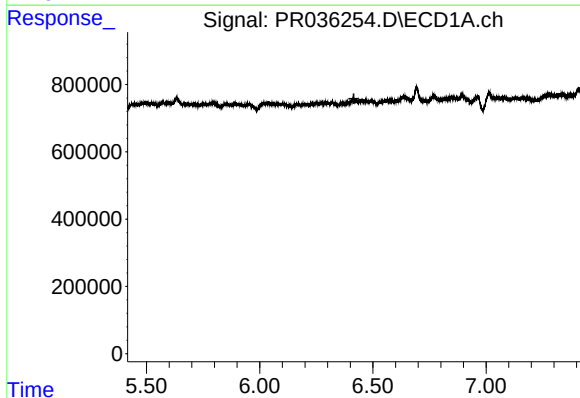
R.T.: 0.000 min  
Exp R.T.: 6.481 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_R  
ClientSampleId :  
RT-3483



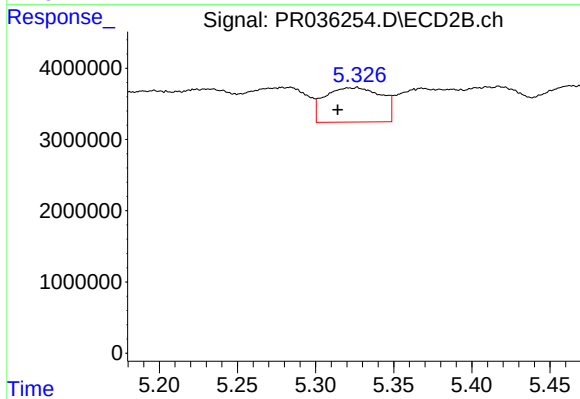
#25 AR-1248-5

R.T.: 5.325 min  
Delta R.T.: -0.029 min  
Response: 12173372  
Conc: 35.65 ng/ml



#26 AR-1254-1

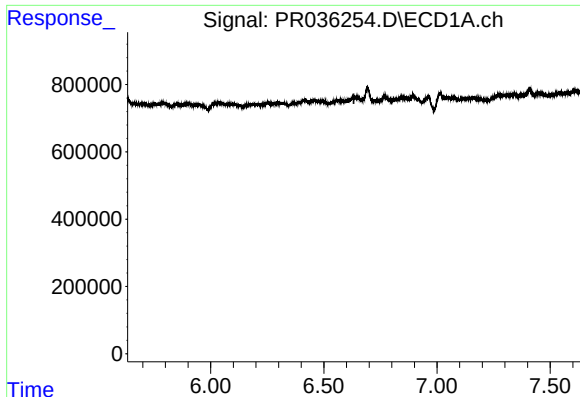
R.T.: 0.000 min  
Exp R.T.: 6.416 min  
Response: 0  
Conc: N.D.



#26 AR-1254-1

R.T.: 5.325 min  
Delta R.T.: 0.010 min  
Response: 12173372  
Conc: 33.47 ng/ml

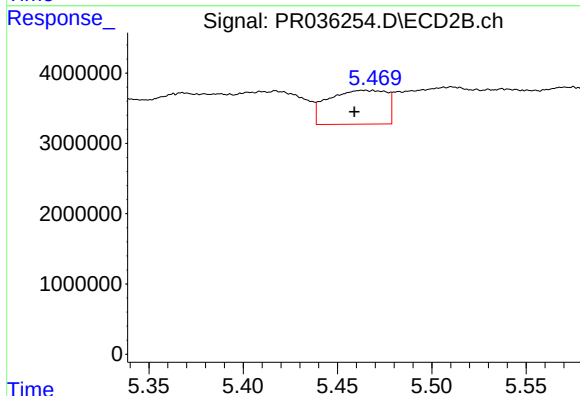




#27 AR-1254-2

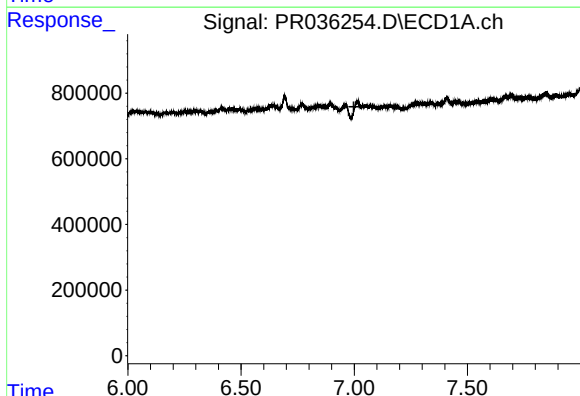
R.T.: 0.000 min  
Exp R.T.: 6.633 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_R  
ClientSampleId :  
RT-3483



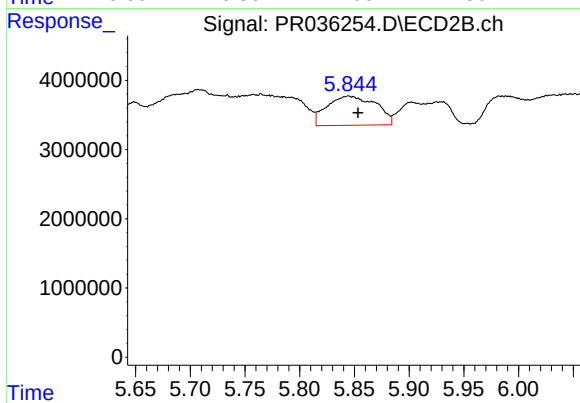
#27 AR-1254-2

R.T.: 5.465 min  
Delta R.T.: 0.006 min  
Response: 10380682  
Conc: 32.19 ng/ml



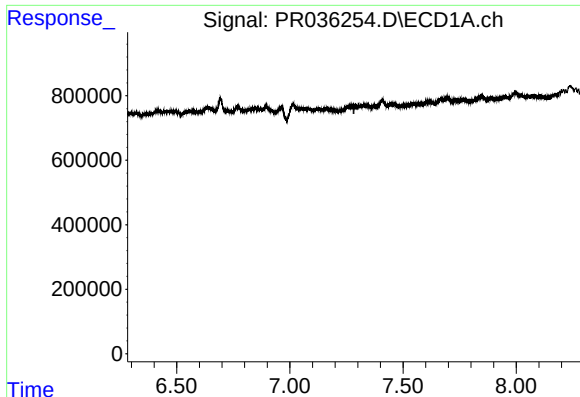
#28 AR-1254-3

R.T.: 0.000 min  
Exp R.T.: 6.999 min  
Response: 0  
Conc: N.D.



#28 AR-1254-3

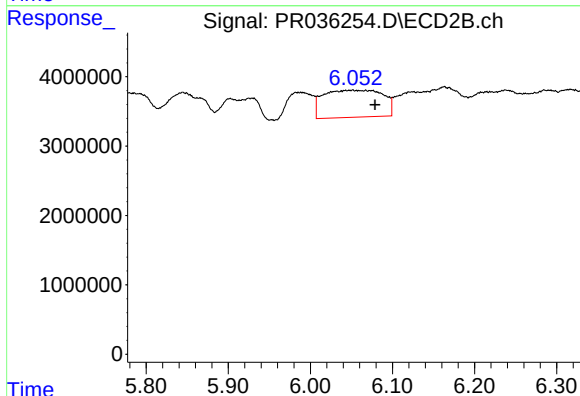
R.T.: 5.845 min  
Delta R.T.: -0.009 min  
Response: 13089718  
Conc: 25.33 ng/ml



#29 AR-1254-4

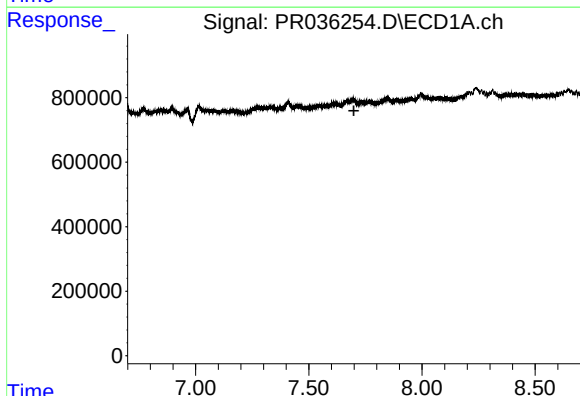
R.T.: 0.000 min  
Exp R.T.: 7.283 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_R  
ClientSampleId :  
RT-3483



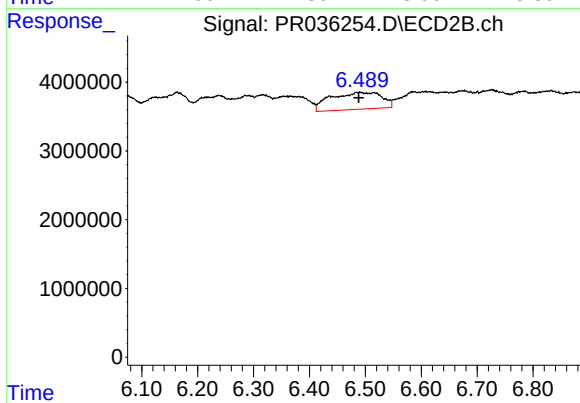
#29 AR-1254-4

R.T.: 6.067 min  
Delta R.T.: -0.011 min  
Response: 19726502  
Conc: 52.79 ng/ml



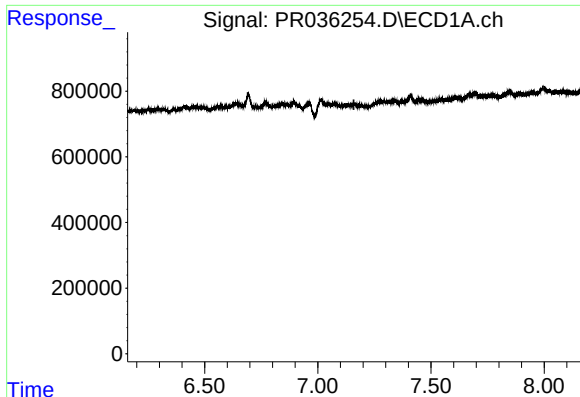
#30 AR-1254-5

R.T.: 0.000 min  
Exp R.T.: 7.699 min  
Response: 0  
Conc: N.D.



#30 AR-1254-5

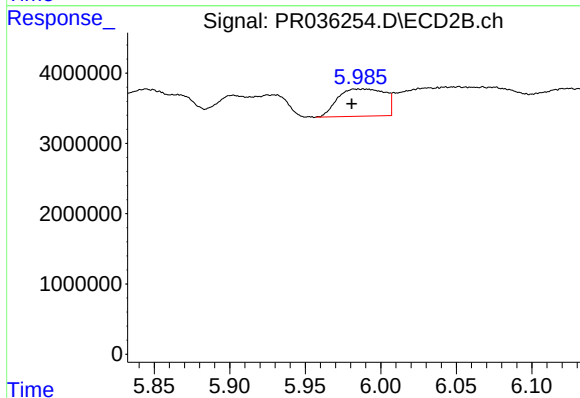
R.T.: 6.489 min  
Delta R.T.: 0.000 min  
Response: 15727353  
Conc: 33.32 ng/ml



#31 AR-1260-1

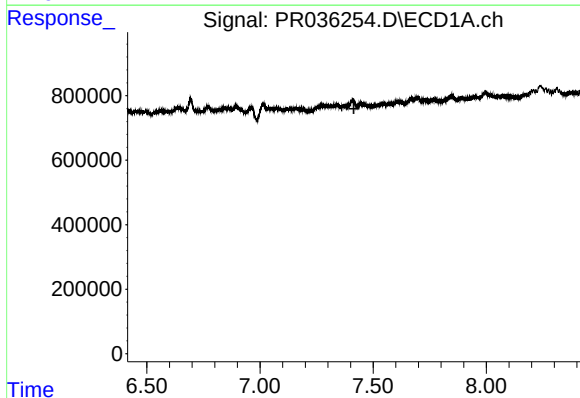
R.T.: 0.000 min  
Exp R.T.: 7.160 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_R  
ClientSampleId :  
RT-3483



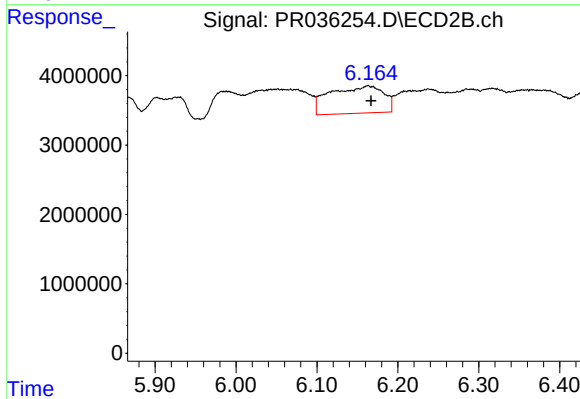
#31 AR-1260-1

R.T.: 5.986 min  
Delta R.T.: 0.006 min  
Response: 8381921  
Conc: 23.00 ng/ml



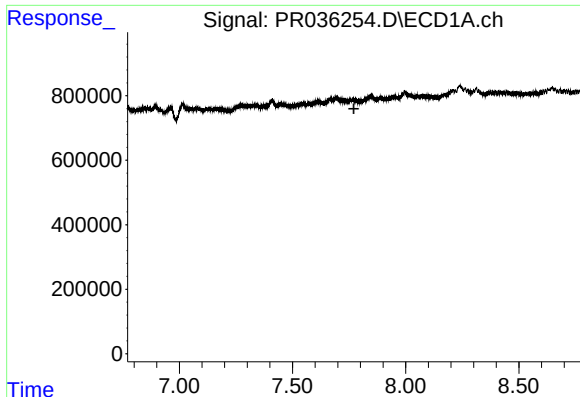
#32 AR-1260-2

R.T.: 0.000 min  
Exp R.T.: 7.415 min  
Response: 0  
Conc: N.D.



#32 AR-1260-2

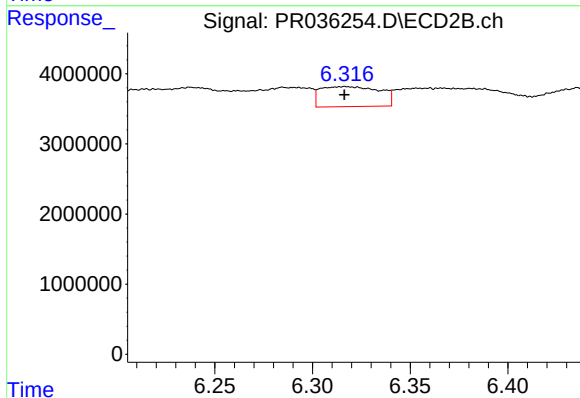
R.T.: 6.163 min  
Delta R.T.: -0.003 min  
Response: 18009088  
Conc: 34.58 ng/ml



#33 AR-1260-3

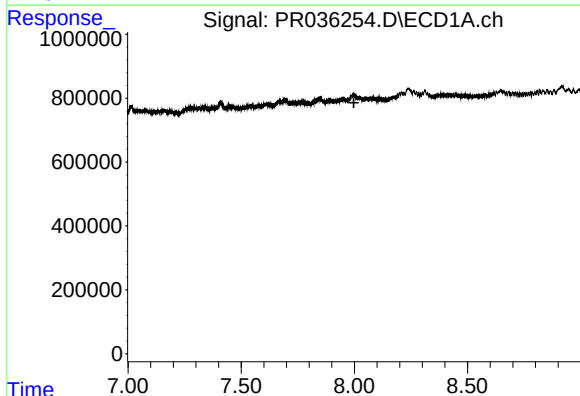
R.T.: 0.000 min  
Exp R.T.: 7.771 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_R  
ClientSampleId :  
RT-3483



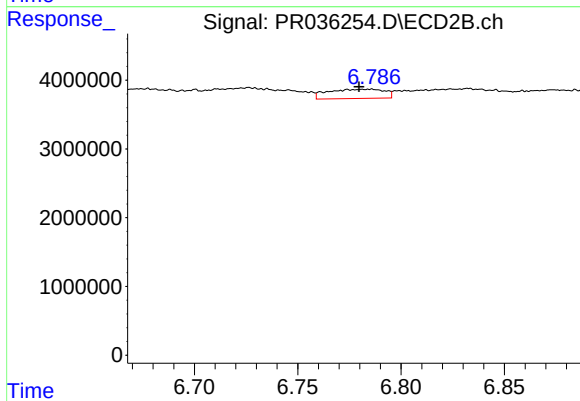
#33 AR-1260-3

R.T.: 6.316 min  
Delta R.T.: 0.000 min  
Response: 6034560  
Conc: 14.23 ng/ml



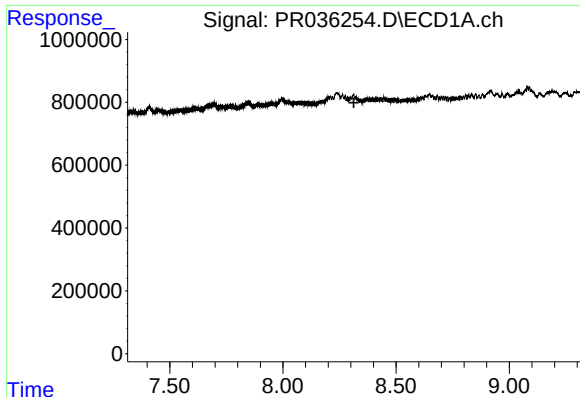
#34 AR-1260-4

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



#34 AR-1260-4

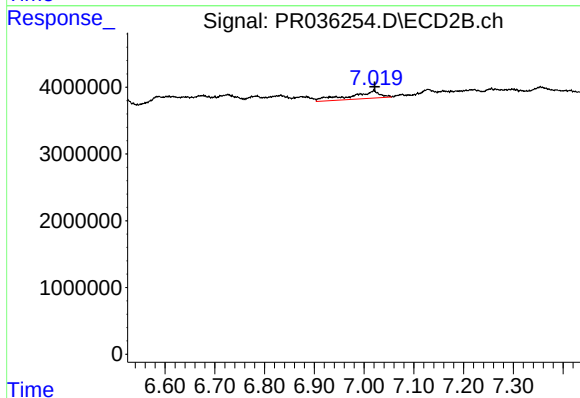
R.T.: 6.783 min  
Delta R.T.: 0.004 min  
Response: 2572373  
Conc: 7.32 ng/ml



#35 AR-1260-5

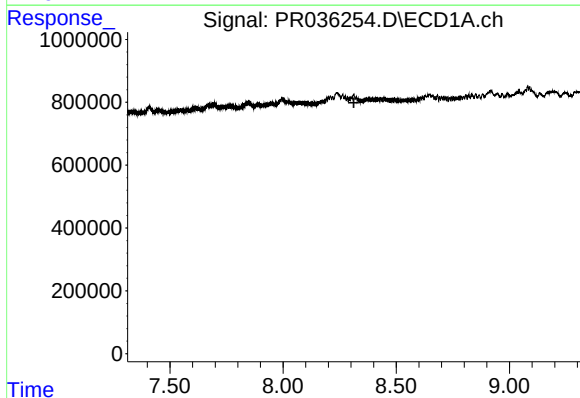
R.T.: 0.000 min  
Exp R.T.: 8.313 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_R  
ClientSampleId :  
RT-3483



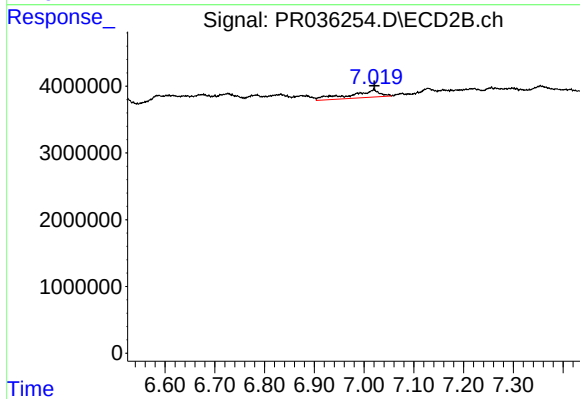
#35 AR-1260-5

R.T.: 7.019 min  
Delta R.T.: -0.003 min  
Response: 4648967  
Conc: 4.71 ng/ml



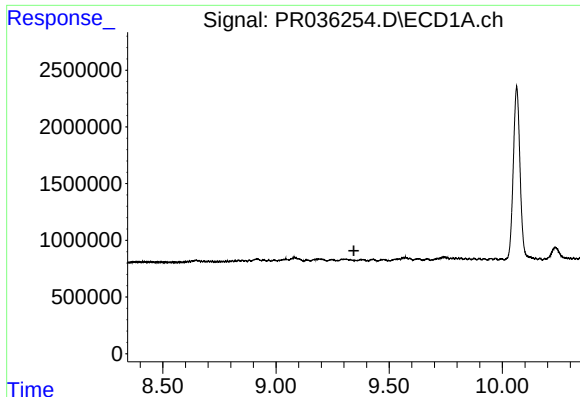
#37 AR-1262-2

R.T.: 0.000 min  
Exp R.T.: 8.313 min  
Response: 0  
Conc: N.D.



#37 AR-1262-2

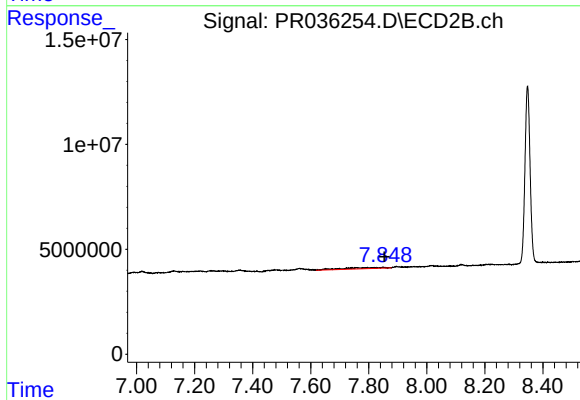
R.T.: 7.019 min  
Delta R.T.: -0.002 min  
Response: 4648967  
Conc: 3.96 ng/ml



#40 AR-1262-5

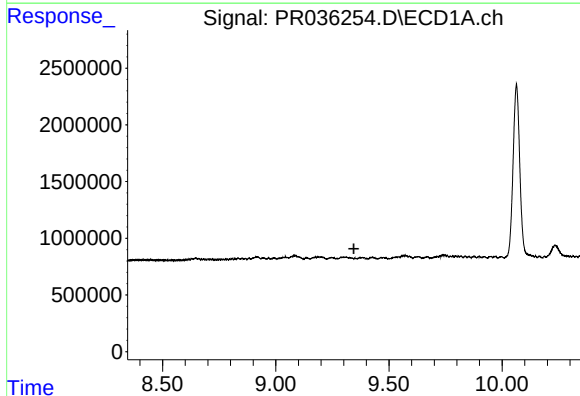
R.T.: 0.000 min  
Exp R.T.: 9.344 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_R  
ClientSampleId :  
RT-3483



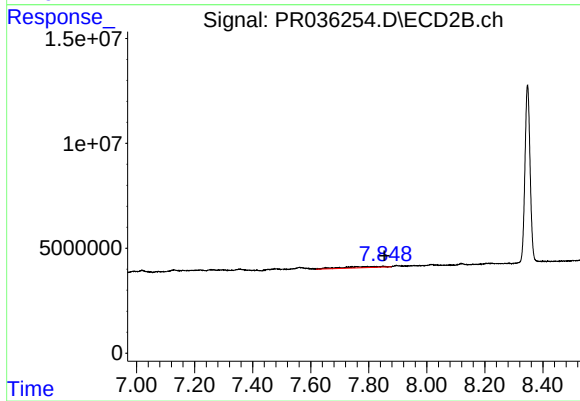
#40 AR-1262-5

R.T.: 7.849 min  
Delta R.T.: -0.004 min  
Response: 5177624  
Conc: 16.61 ng/ml



#44 AR-1268-4

R.T.: 0.000 min  
Exp R.T.: 9.345 min  
Response: 0  
Conc: N.D.



#44 AR-1268-4

R.T.: 7.849 min  
Delta R.T.: -0.004 min  
Response: 5177624  
Conc: 14.25 ng/ml