

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_R\Data\PR031519\  
 Data File : PR036260.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 16 Mar 2019 03:19  
 Operator : SM\SJ  
 Sample : K1911-04  
 Misc :  
 ALS Vial : 42 Sample Multiplier: 1

Instrument :  
 ECD\_R  
 ClientSampleId :  
 RBR200051

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Mar 16 04:09:21 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  | 3.478 | 21002929 | 80693409 | 11.381 | 12.696    |
| 2)                          | SA Decachlor... | 10.061 | 8.346 | 15229226 | 48136933 | 10.428 | 8.435     |
| Target Compounds            |                 |        |       |          |          |        |           |
| 3)                          | L1 AR-1016-1    | 0.000  | 4.536 | 0        | 17350317 | N.D.   | 71.074 #  |
| 4)                          | L1 AR-1016-2    | 0.000  | 4.536 | 0        | 17350317 | N.D.   | 45.149 #  |
| 5)                          | L1 AR-1016-3    | 0.000  | 4.766 | 0        | 8122641  | N.D.   | 42.508 #  |
| 6)                          | L1 AR-1016-4    | 0.000  | 4.766 | 0        | 8122641  | N.D.   | 55.344 #  |
| 7)                          | L1 AR-1016-5    | 0.000  | 4.986 | 0        | 15362682 | N.D.   | 78.799 #  |
| 8)                          | L2 AR-1221-1    | 0.000  | 3.688 | 0        | 9461875  | N.D.   | 161.985 # |
| 9)                          | L2 AR-1221-2    | 0.000  | 3.772 | 0        | 24293238 | N.D.   | 552.226 # |
| 10)                         | L2 AR-1221-3    | 0.000  | 3.888 | 0        | 16144709 | N.D.   | 109.284 # |
| 11)                         | L3 AR-1232-1    | 0.000  | 3.888 | 0        | 16144709 | N.D.   | 131.245 # |
| 12)                         | L3 AR-1232-2    | 0.000  | 4.536 | 0        | 17350317 | N.D.   | 117.528 # |
| 13)                         | L3 AR-1232-3    | 0.000  | 4.766 | 0        | 8122641  | N.D.   | 111.319 # |
| 14)                         | L3 AR-1232-4    | 0.000  | 4.821 | 0        | 6730292  | N.D.   | 108.319 # |
| 15)                         | L3 AR-1232-5    | 0.000  | 4.986 | 0        | 15362682 | N.D.   | 219.257 # |
| 16)                         | L4 AR-1242-1    | 0.000  | 4.536 | 0        | 17350317 | N.D.   | 91.603 #  |
| 17)                         | L4 AR-1242-2    | 0.000  | 4.536 | 0        | 17350317 | N.D.   | 60.577 #  |
| 18)                         | L4 AR-1242-3    | 0.000  | 4.766 | 0        | 8122641  | N.D.   | 55.774 #  |
| 19)                         | L4 AR-1242-4    | 0.000  | 4.821 | 0        | 6730292  | N.D.   | 49.373 #  |
| 20)                         | L4 AR-1242-5    | 0.000  | 5.324 | 0        | 9007940  | N.D.   | 46.417 #  |
| 21)                         | L5 AR-1248-1    | 0.000  | 4.536 | 0        | 17350317 | N.D.   | 92.875 #  |
| 22)                         | L5 AR-1248-2    | 0.000  | 4.766 | 0        | 8122641  | N.D.   | 32.402 #  |
| 23)                         | L5 AR-1248-3    | 0.000  | 4.821 | 0        | 6730292  | N.D.   | 26.140 #  |
| 24)                         | L5 AR-1248-4    | 0.000  | 4.986 | 0        | 15362682 | N.D.   | 47.912 #  |
| 25)                         | L5 AR-1248-5    | 0.000  | 5.369 | 0        | 9288072  | N.D.   | 27.200 #  |
| 26)                         | L6 AR-1254-1    | 0.000  | 5.324 | 0        | 9007940  | N.D.   | 24.769 #  |
| 27)                         | L6 AR-1254-2    | 6.693  | 5.483 | 1843186  | 16167410 | 16.675 | 50.128 #  |
| 28)                         | L6 AR-1254-3    | 0.000  | 5.842 | 0        | 7375740  | N.D.   | 14.272 #  |
| 29)                         | L6 AR-1254-4    | 0.000  | 6.063 | 0        | 18972186 | N.D.   | 50.775 #  |
| 30)                         | L6 AR-1254-5    | 0.000  | 6.488 | 0        | 4655424  | N.D.   | 9.862 #   |
| 31)                         | L7 AR-1260-1    | 0.000  | 5.985 | 0        | 7907377  | N.D.   | 21.693 #  |
| 32)                         | L7 AR-1260-2    | 7.410  | 6.166 | 2074675  | 19634161 | 19.295 | 37.697 #  |
| 33)                         | L7 AR-1260-3    | 0.000  | 6.317 | 0        | 4913739  | N.D.   | 11.590 #  |
| 34)                         | L7 AR-1260-4    | 0.000  | 6.728 | 0        | 2923840  | N.D.   | 8.317 #   |
| 36)                         | L8 AR-1262-1    | 0.000  | 6.555 | 0        | 975283   | N.D.   | 3.728 #   |
| 43)                         | L9 AR-1268-3    | 0.000  | 7.563 | 0        | 1591900  | N.D.   | 1.633 #   |
| 45)                         | L9 AR-1268-5    | 0.000  | 8.118 | 0        | 2659557  | N.D.   | 1.069 #   |
| -----                       |                 |        |       |          |          |        |           |

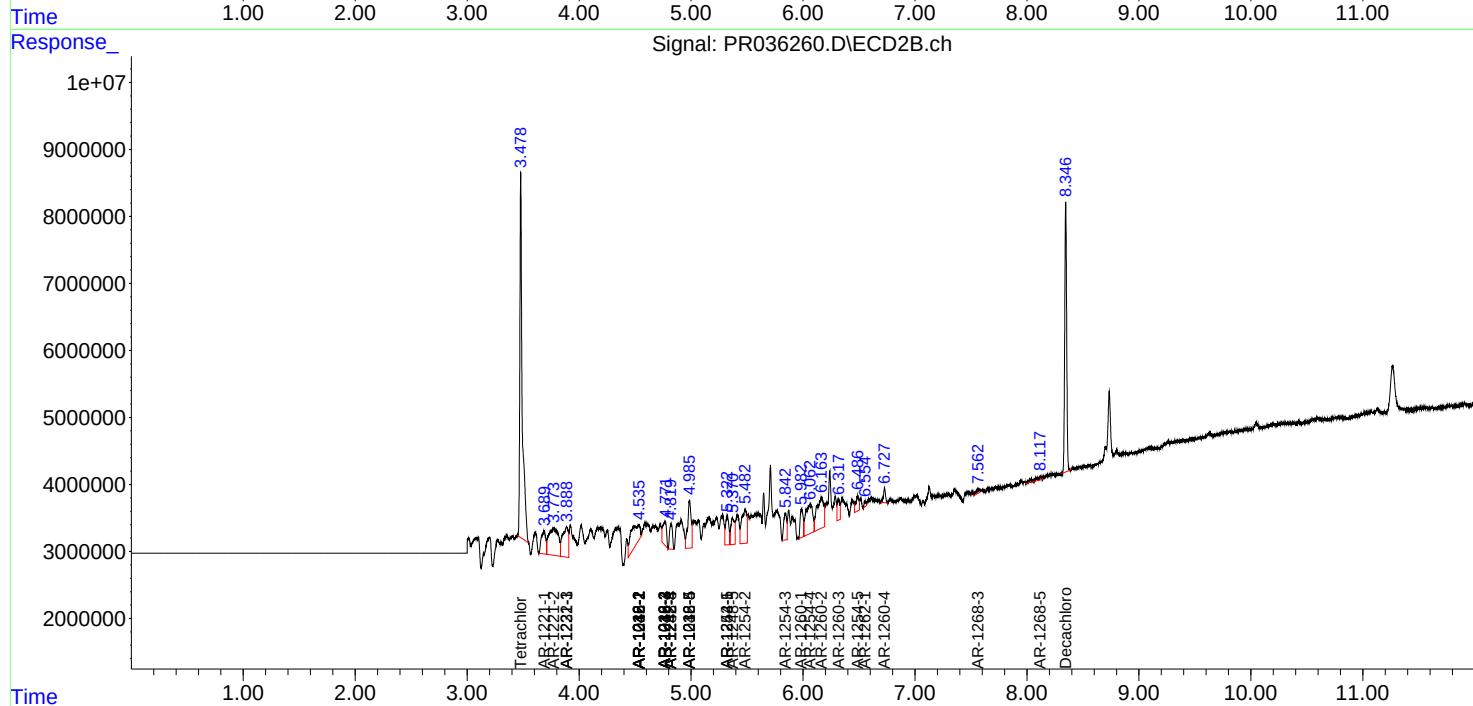
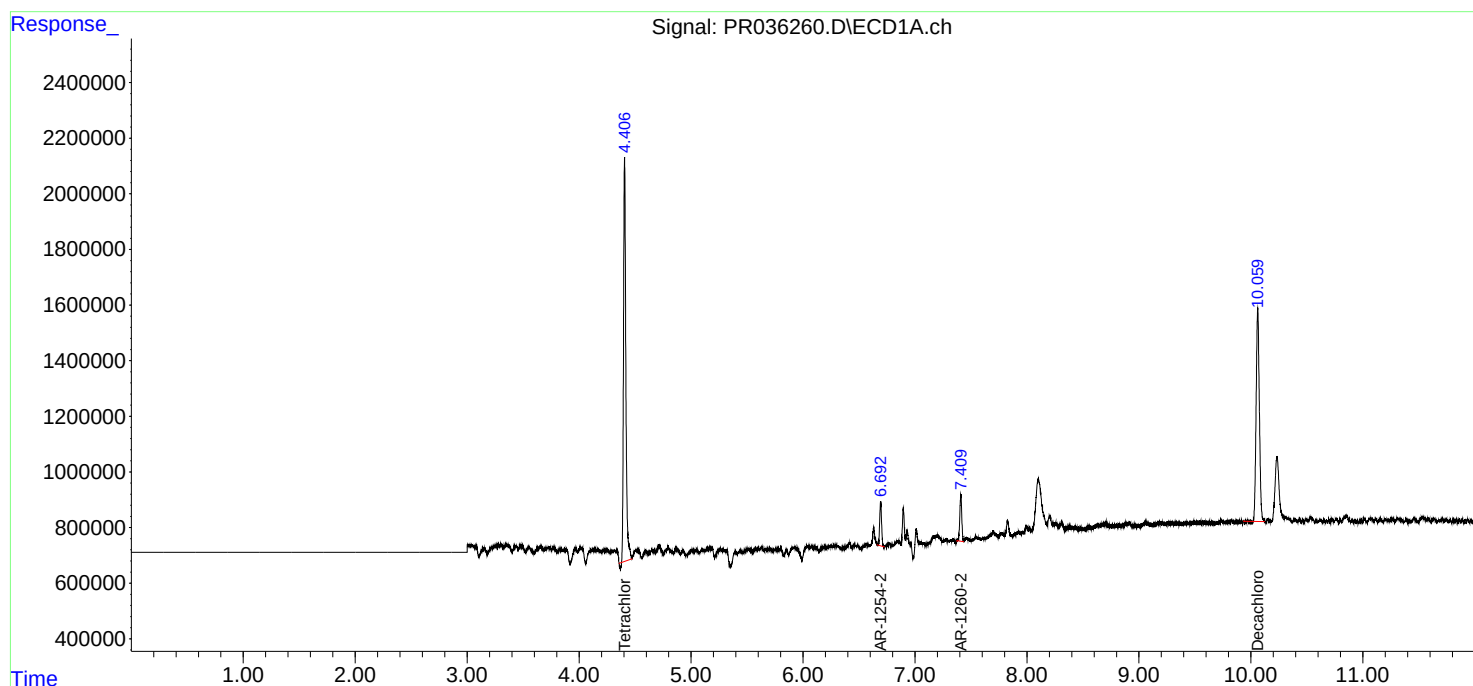
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

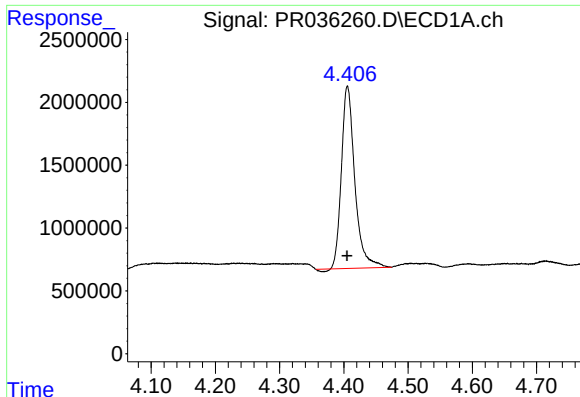
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_R\Data\PR031519\  
Data File : PR036260.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 16 Mar 2019 03:19  
Operator : SM\SJ  
Sample : K1911-04  
Misc :  
ALS Vial : 42 Sample Multiplier: 1

Instrument :  
ECD\_R  
ClientSampled :  
RBR200051

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Mar 16 04:09:21 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

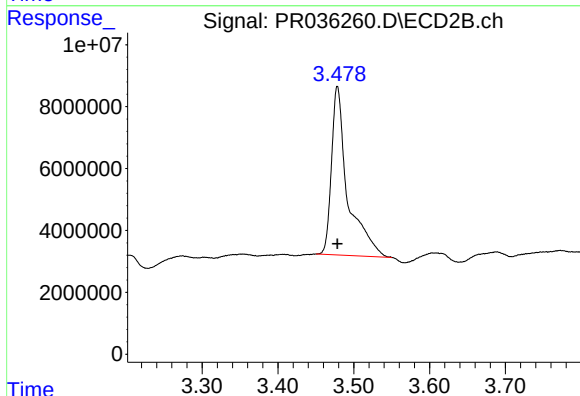




#1 Tetrachloro-m-xylene

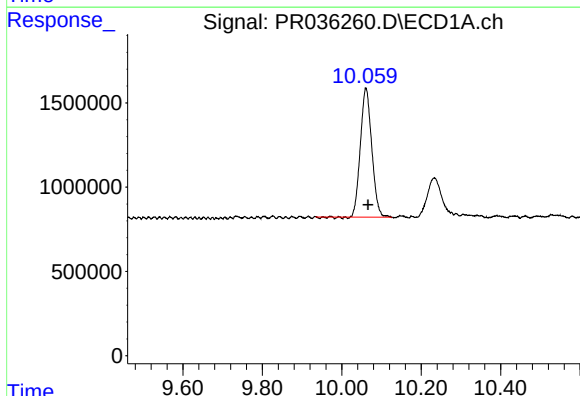
R.T.: 4.406 min  
Delta R.T.: 0.000 min  
Response: 21002929  
Conc: 11.38 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
RBR200051



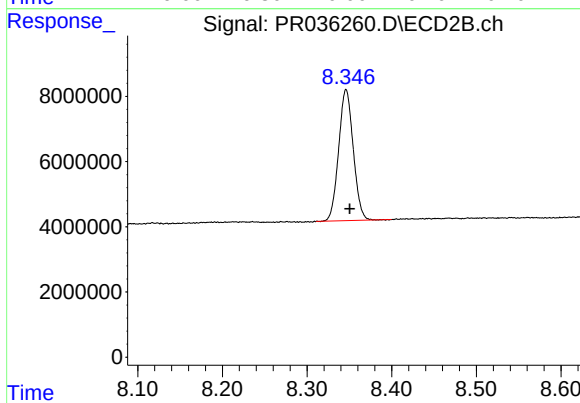
#1 Tetrachloro-m-xylene

R.T.: 3.478 min  
Delta R.T.: 0.000 min  
Response: 80693409  
Conc: 12.70 ng/ml



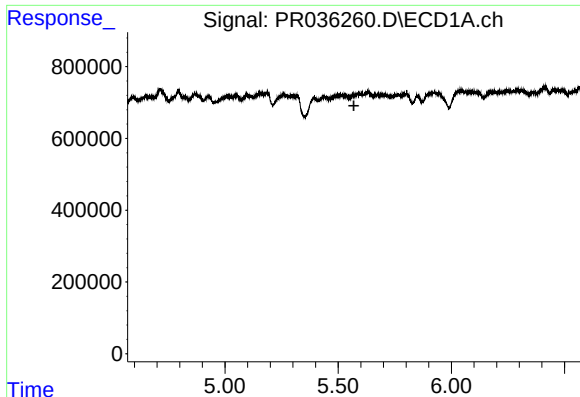
#2 Decachlorobiphenyl

R.T.: 10.061 min  
Delta R.T.: -0.006 min  
Response: 15229226  
Conc: 10.43 ng/ml



#2 Decachlorobiphenyl

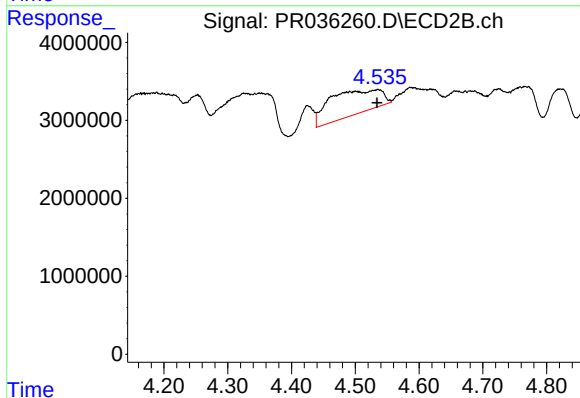
R.T.: 8.346 min  
Delta R.T.: -0.004 min  
Response: 48136933  
Conc: 8.44 ng/ml



#3 AR-1016-1

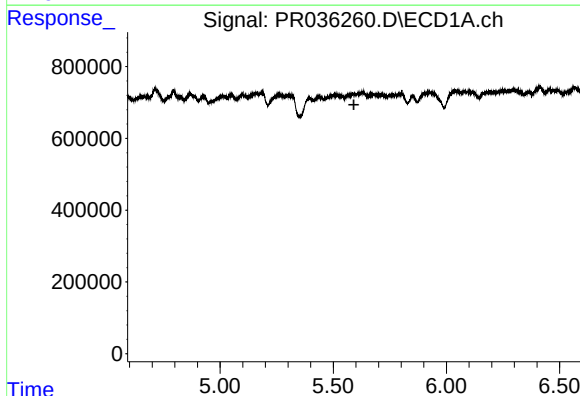
R.T.: 0.000 min  
Exp R.T.: 5.569 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_R  
ClientSampleId :  
RBR200051



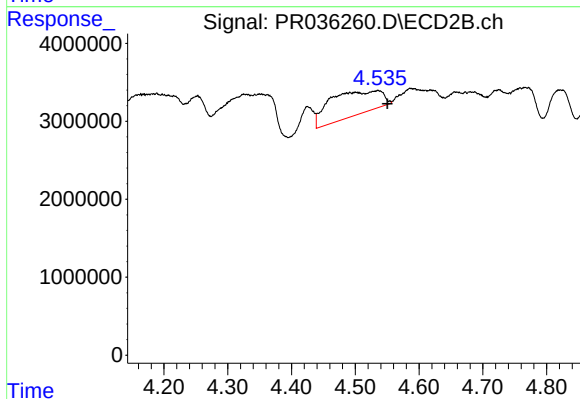
#3 AR-1016-1

R.T.: 4.536 min  
Delta R.T.: 0.002 min  
Response: 17350317  
Conc: 71.07 ng/ml



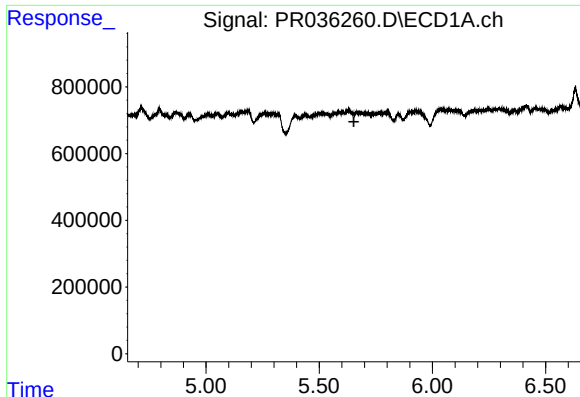
#4 AR-1016-2

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



#4 AR-1016-2

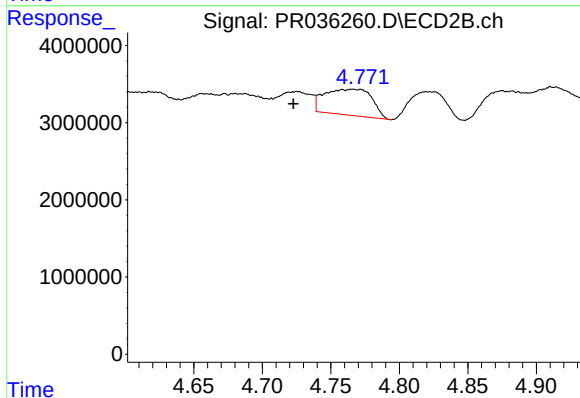
R.T.: 4.536 min  
Delta R.T.: -0.015 min  
Response: 17350317  
Conc: 45.15 ng/ml



#5 AR-1016-3

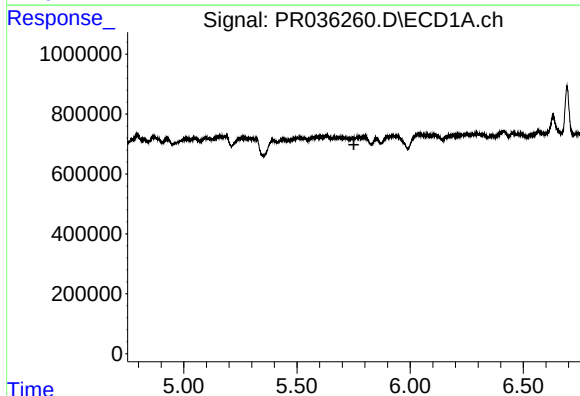
R.T.: 0.000 min  
Exp R.T.: 5.653 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_R  
ClientSampleId :  
RBR200051



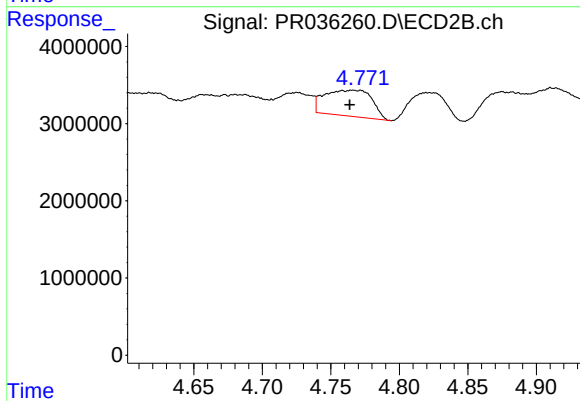
#5 AR-1016-3

R.T.: 4.766 min  
Delta R.T.: 0.044 min  
Response: 8122641  
Conc: 42.51 ng/ml



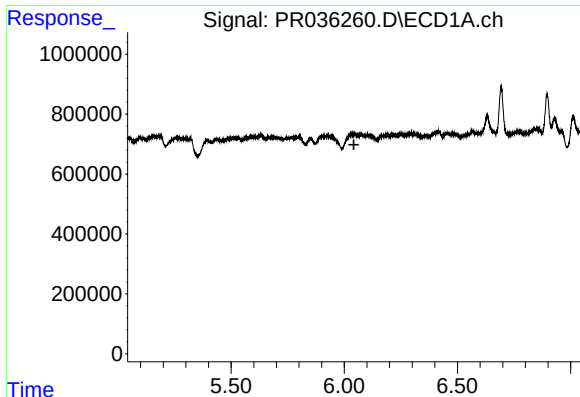
#6 AR-1016-4

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



#6 AR-1016-4

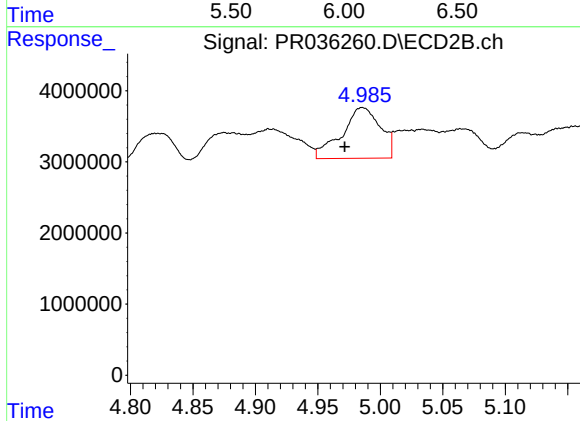
R.T.: 4.766 min  
Delta R.T.: 0.002 min  
Response: 8122641  
Conc: 55.34 ng/ml



#7 AR-1016-5

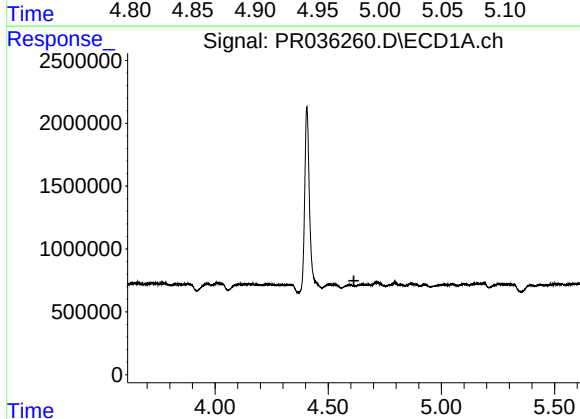
R.T.: 0.000 min  
Exp R.T.: 6.043 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_R  
ClientSampleId :  
RBR200051



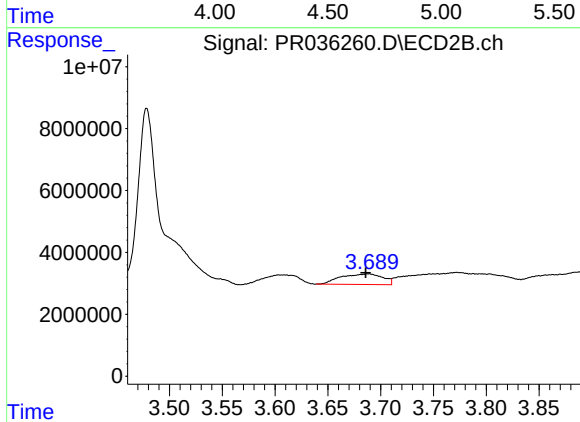
#7 AR-1016-5

R.T.: 4.986 min  
Delta R.T.: 0.014 min  
Response: 15362682  
Conc: 78.80 ng/ml



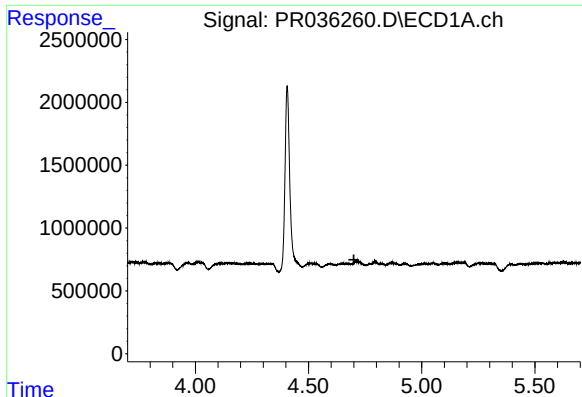
#8 AR-1221-1

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



#8 AR-1221-1

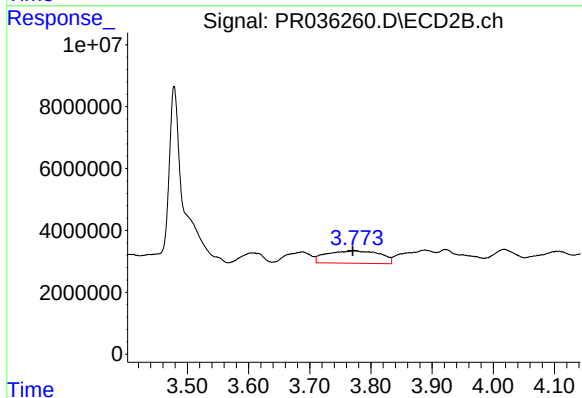
R.T.: 3.688 min  
Delta R.T.: 0.002 min  
Response: 9461875  
Conc: 161.98 ng/ml



#9 AR-1221-2

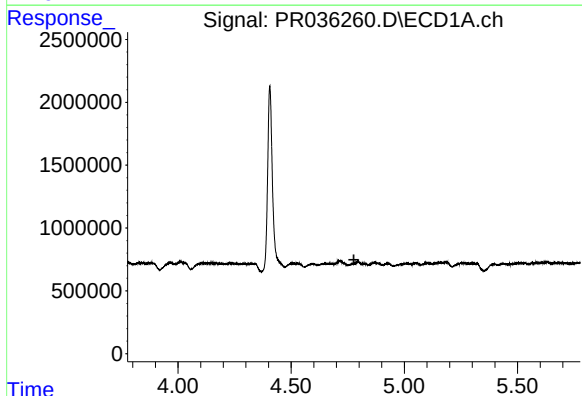
R.T.: 0.000 min  
Exp R.T.: 4.701 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_R  
ClientSampleId :  
RBR200051



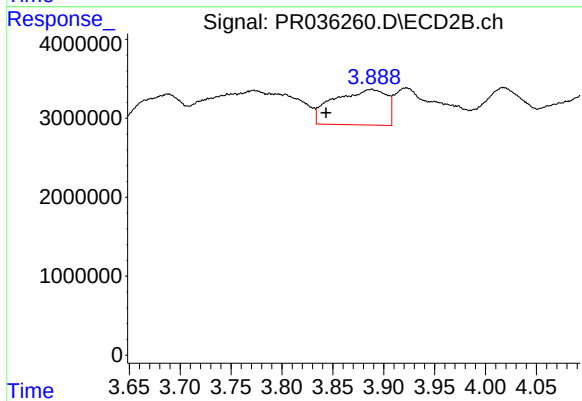
#9 AR-1221-2

R.T.: 3.772 min  
Delta R.T.: 0.002 min  
Response: 24293238  
Conc: 552.23 ng/ml



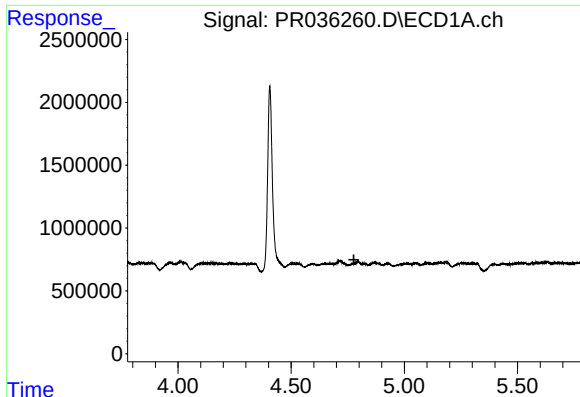
#10 AR-1221-3

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



#10 AR-1221-3

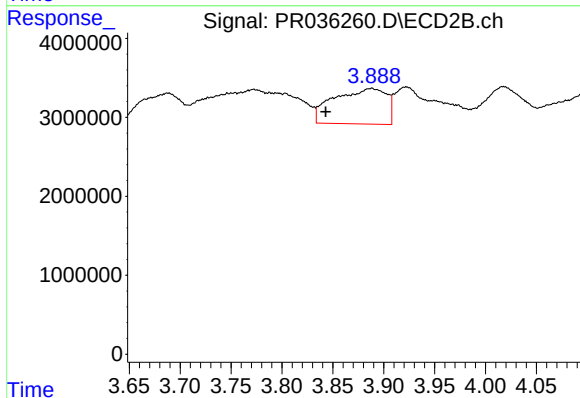
R.T.: 3.888 min  
Delta R.T.: 0.045 min  
Response: 16144709  
Conc: 109.28 ng/ml



#11 AR-1232-1

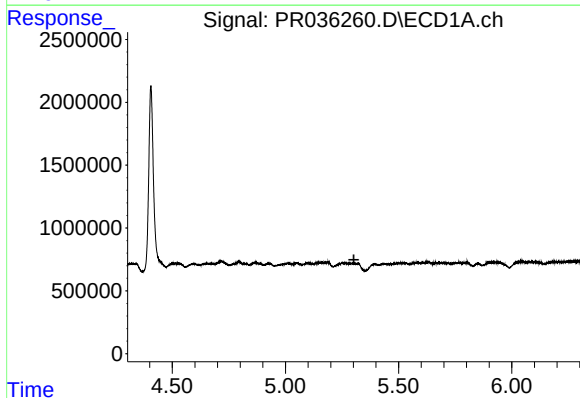
R.T.: 0.000 min  
Exp R.T.: 4.777 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_R  
ClientSampleId :  
RBR200051



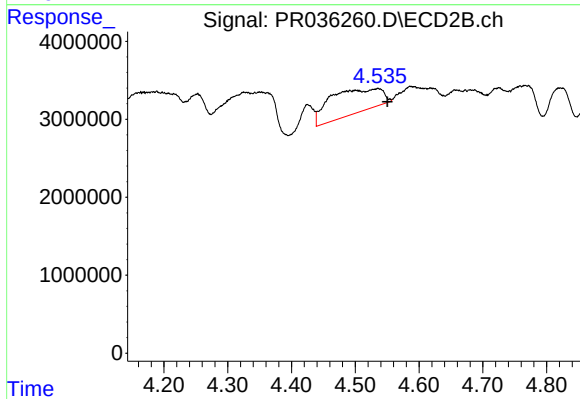
#11 AR-1232-1

R.T.: 3.888 min  
Delta R.T.: 0.045 min  
Response: 16144709  
Conc: 131.24 ng/ml



#12 AR-1232-2

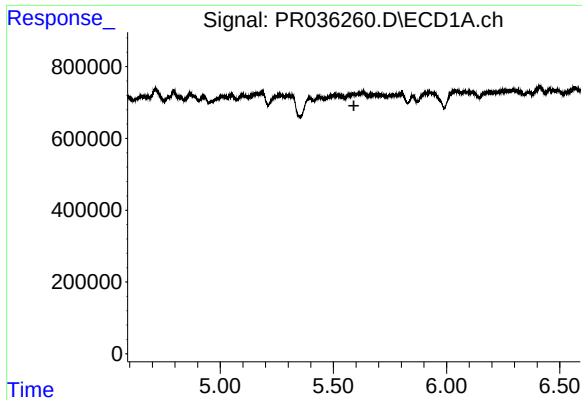
R.T.: 0.000 min  
Exp R.T.: 5.303 min  
Response: 0  
Conc: N.D.



#12 AR-1232-2

R.T.: 4.536 min  
Delta R.T.: -0.015 min  
Response: 17350317  
Conc: 117.53 ng/ml

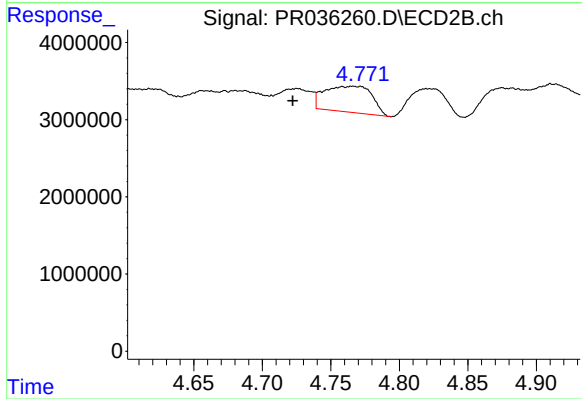




#13 AR-1232-3

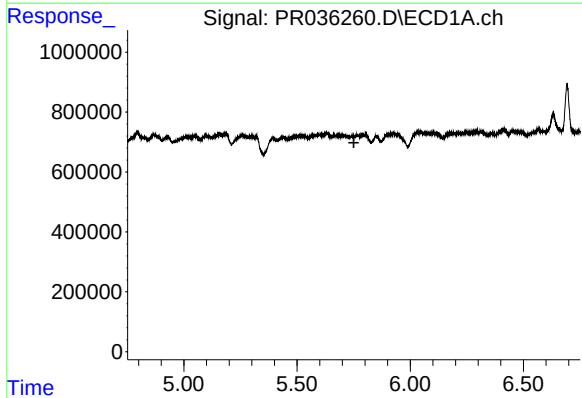
R.T.: 0.000 min  
Exp R.T.: 5.591 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_R  
ClientSampleId :  
RBR200051



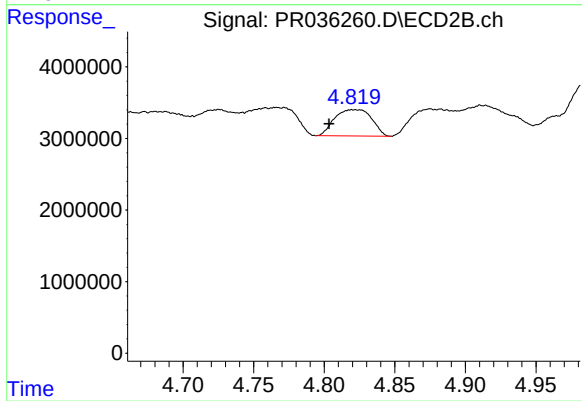
#13 AR-1232-3

R.T.: 4.766 min  
Delta R.T.: 0.044 min  
Response: 8122641  
Conc: 111.32 ng/ml



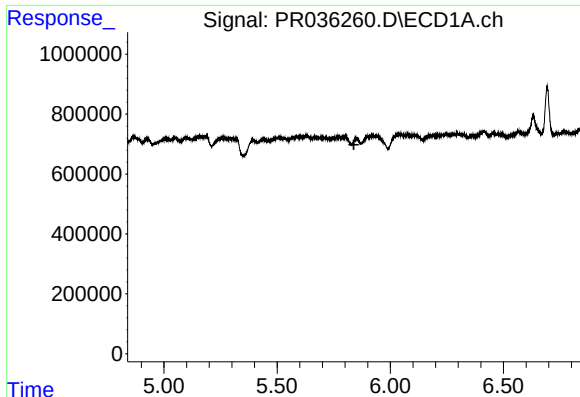
#14 AR-1232-4

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



#14 AR-1232-4

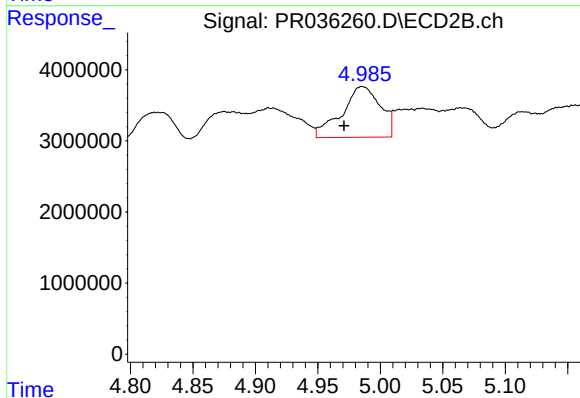
R.T.: 4.821 min  
Delta R.T.: 0.018 min  
Response: 6730292  
Conc: 108.32 ng/ml



#15 AR-1232-5

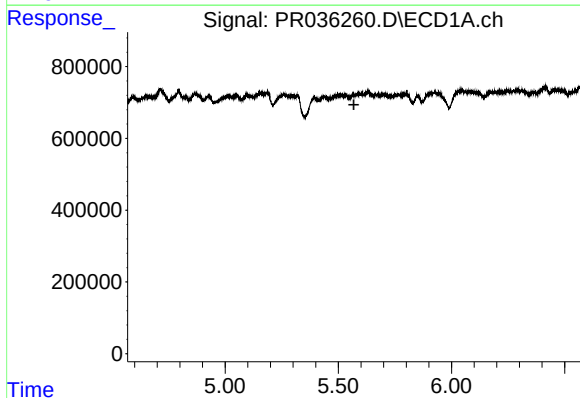
R.T.: 0.000 min  
Exp R.T.: 5.839 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_R  
ClientSampleId :  
RBR200051



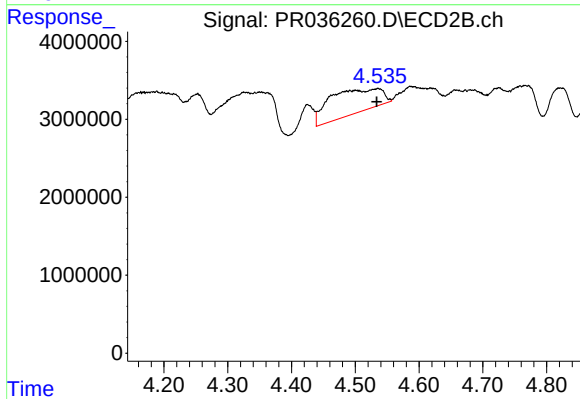
#15 AR-1232-5

R.T.: 4.986 min  
Delta R.T.: 0.014 min  
Response: 15362682  
Conc: 219.26 ng/ml



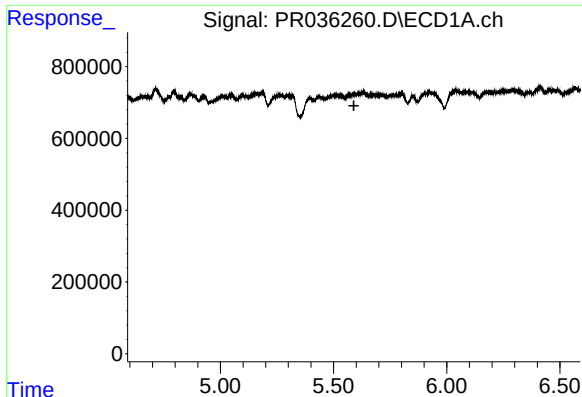
#16 AR-1242-1

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



#16 AR-1242-1

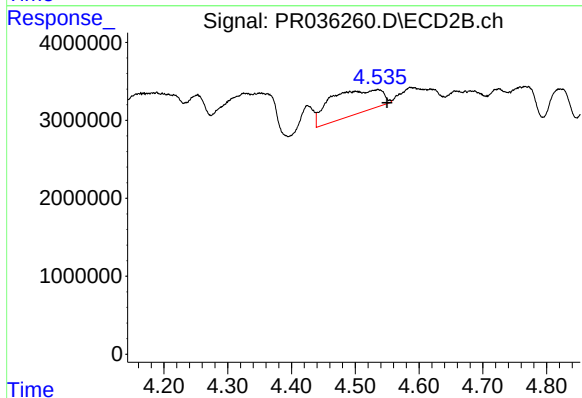
R.T.: 4.536 min  
Delta R.T.: 0.002 min  
Response: 17350317  
Conc: 91.60 ng/ml



#17 AR-1242-2

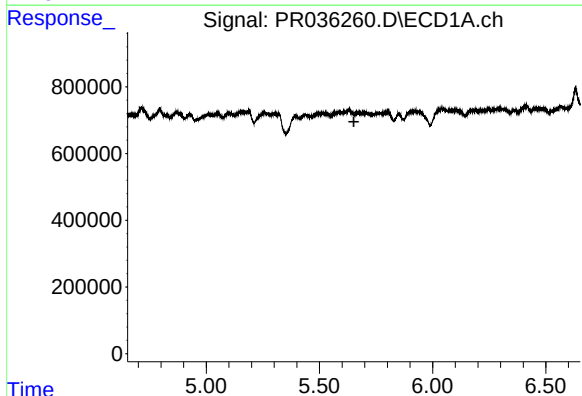
R.T.: 0.000 min  
Exp R.T.: 5.590 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_R  
ClientSampleId :  
RBR200051



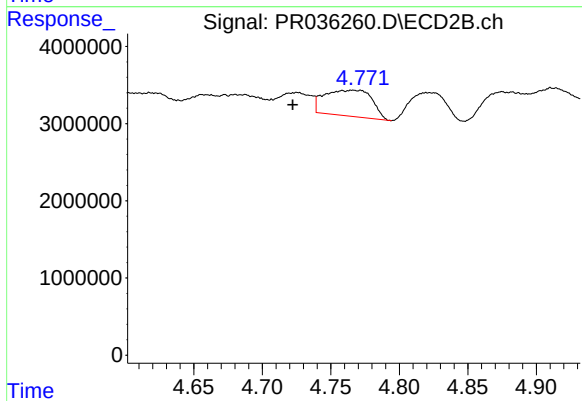
#17 AR-1242-2

R.T.: 4.536 min  
Delta R.T.: -0.014 min  
Response: 17350317  
Conc: 60.58 ng/ml



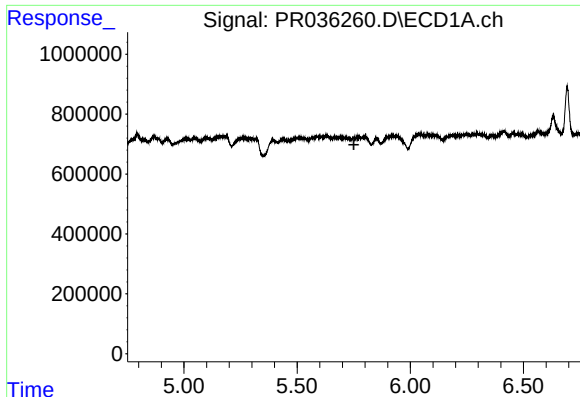
#18 AR-1242-3

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



#18 AR-1242-3

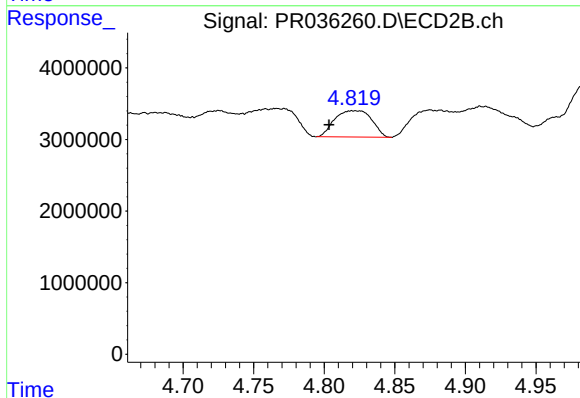
R.T.: 4.766 min  
Delta R.T.: 0.044 min  
Response: 8122641  
Conc: 55.77 ng/ml



#19 AR-1242-4

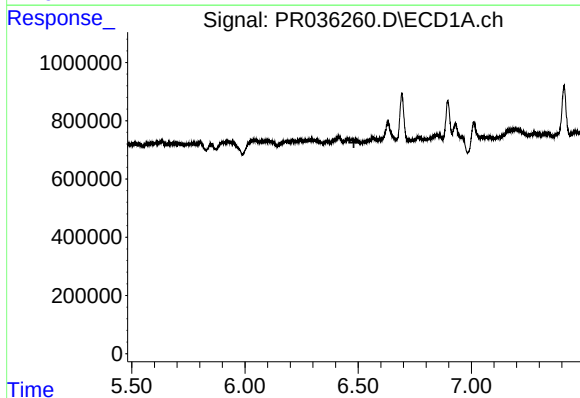
R.T.: 0.000 min  
Exp R.T.: 5.751 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_R  
ClientSampleId :  
RBR200051



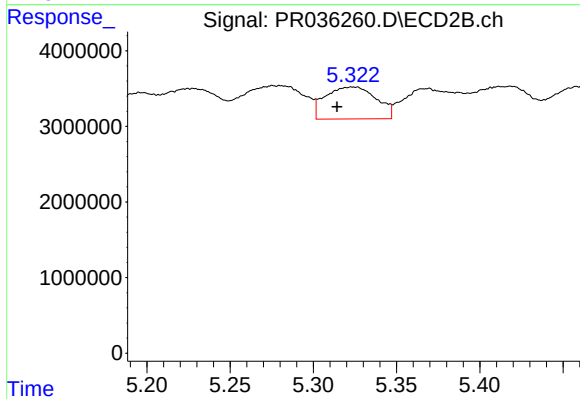
#19 AR-1242-4

R.T.: 4.821 min  
Delta R.T.: 0.018 min  
Response: 6730292  
Conc: 49.37 ng/ml



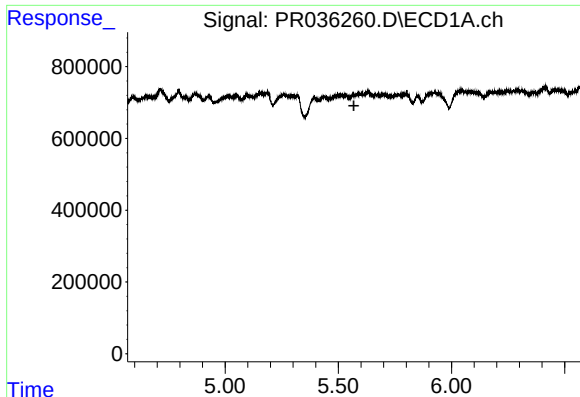
#20 AR-1242-5

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



#20 AR-1242-5

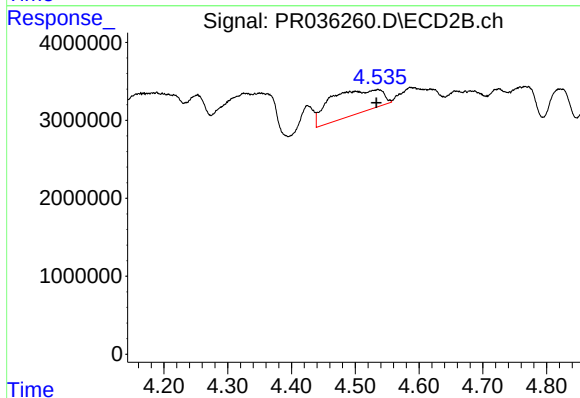
R.T.: 5.324 min  
Delta R.T.: 0.010 min  
Response: 9007940  
Conc: 46.42 ng/ml



#21 AR-1248-1

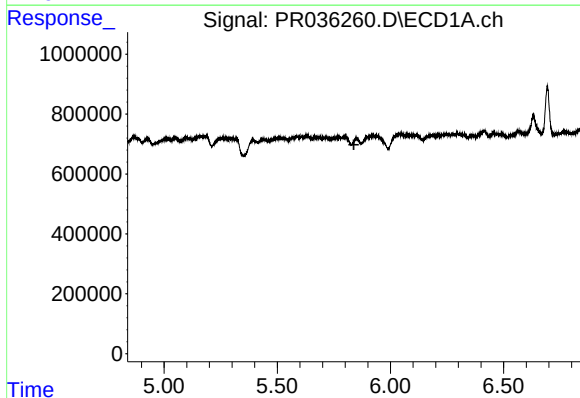
R.T.: 0.000 min  
Exp R.T.: 5.569 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_R  
ClientSampleId :  
RBR200051



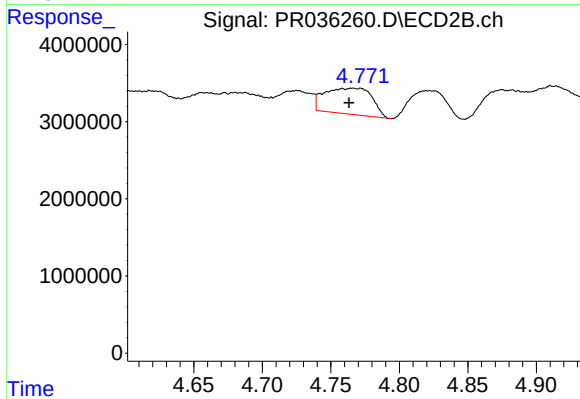
#21 AR-1248-1

R.T.: 4.536 min  
Delta R.T.: 0.002 min  
Response: 17350317  
Conc: 92.88 ng/ml



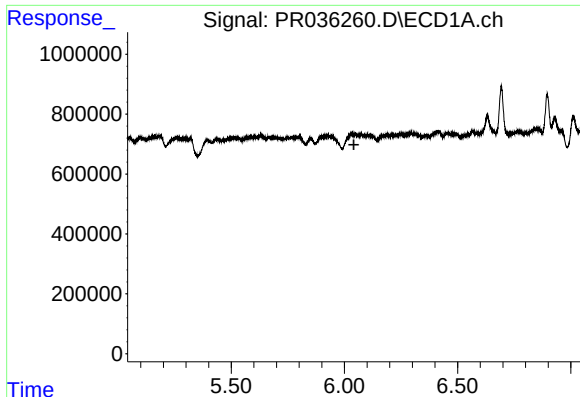
#22 AR-1248-2

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



#22 AR-1248-2

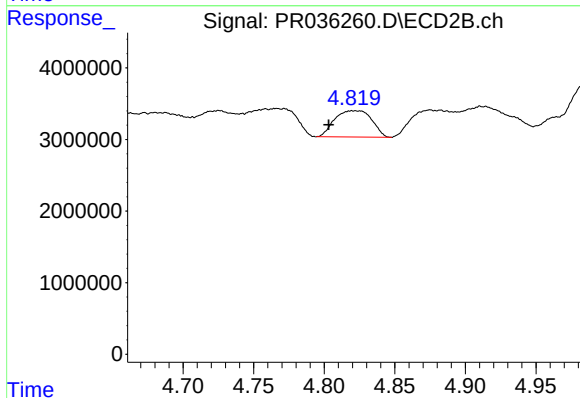
R.T.: 4.766 min  
Delta R.T.: 0.003 min  
Response: 8122641  
Conc: 32.40 ng/ml



#23 AR-1248-3

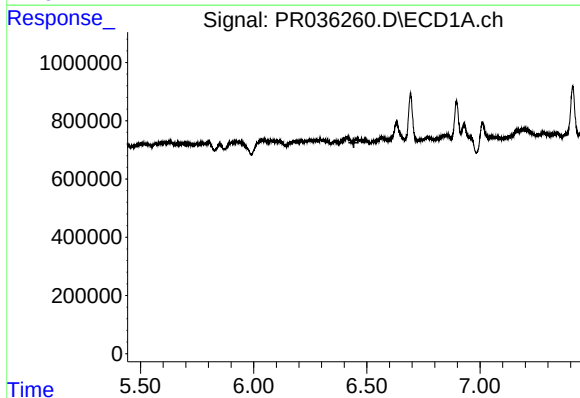
R.T.: 0.000 min  
Exp R.T.: 6.042 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_R  
ClientSampleId :  
RBR200051



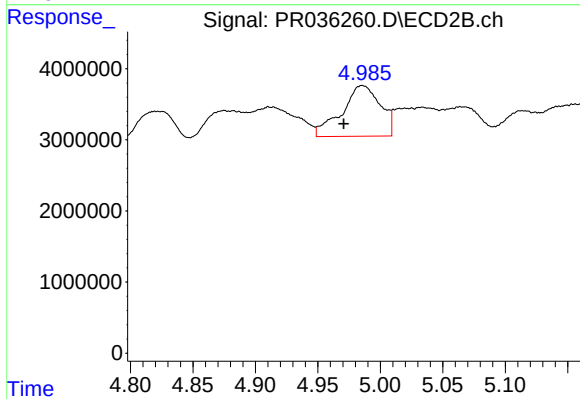
#23 AR-1248-3

R.T.: 4.821 min  
Delta R.T.: 0.018 min  
Response: 6730292  
Conc: 26.14 ng/ml



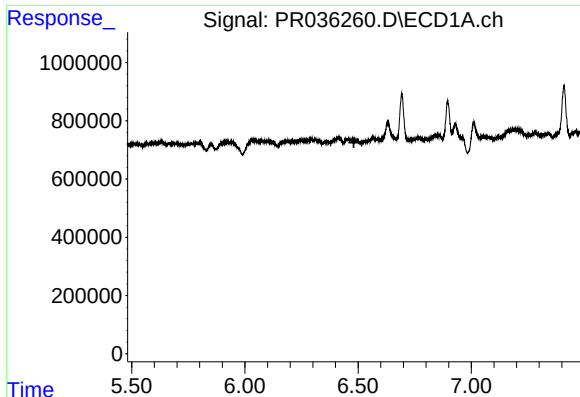
#24 AR-1248-4

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



#24 AR-1248-4

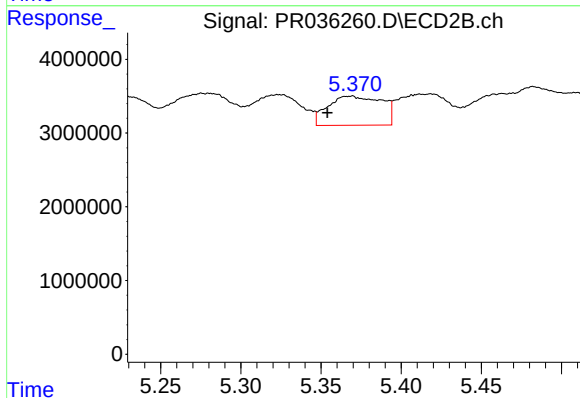
R.T.: 4.986 min  
Delta R.T.: 0.015 min  
Response: 15362682  
Conc: 47.91 ng/ml



#25 AR-1248-5

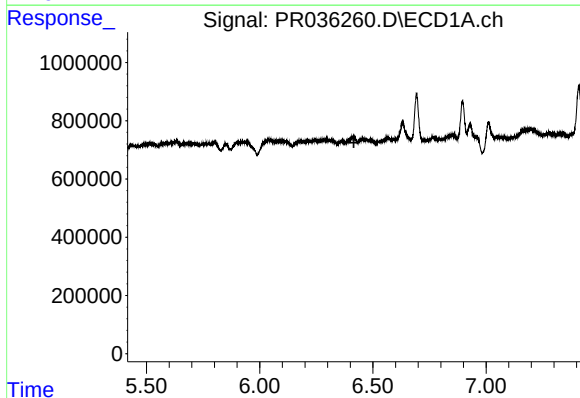
R.T.: 0.000 min  
Exp R.T.: 6.481 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_R  
ClientSampleId :  
RBR200051



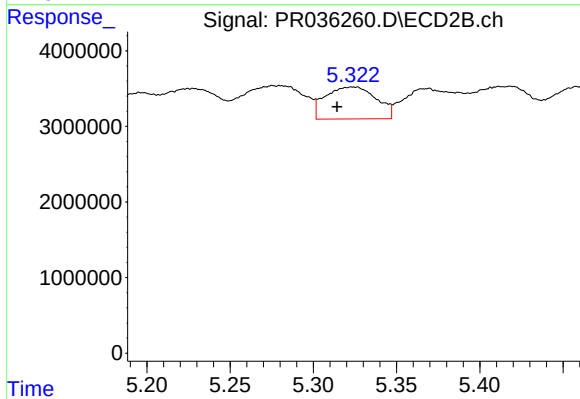
#25 AR-1248-5

R.T.: 5.369 min  
Delta R.T.: 0.015 min  
Response: 9288072  
Conc: 27.20 ng/ml



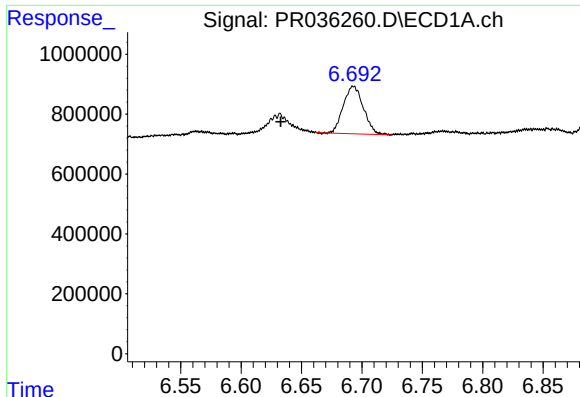
#26 AR-1254-1

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



#26 AR-1254-1

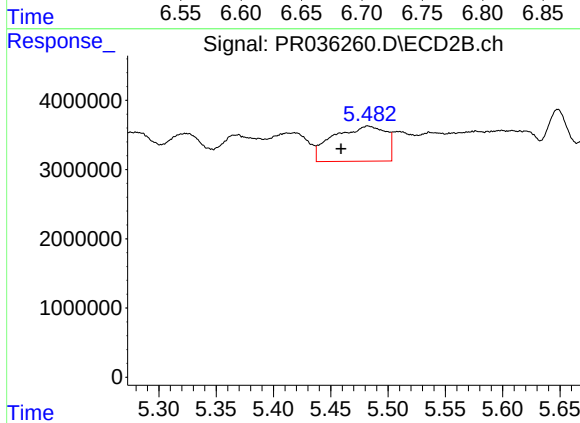
R.T.: 5.324 min  
Delta R.T.: 0.010 min  
Response: 9007940  
Conc: 24.77 ng/ml



#27 AR-1254-2

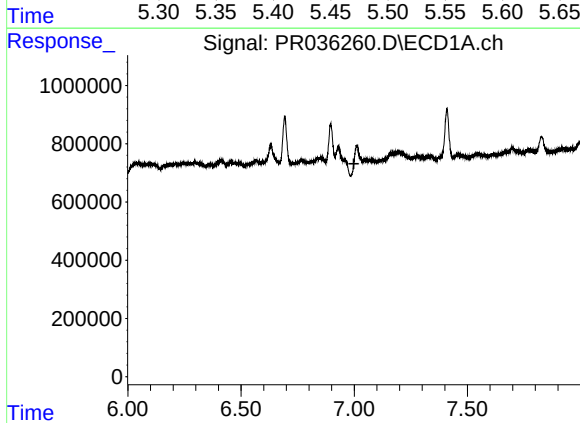
R.T.: 6.693 min  
Delta R.T.: 0.060 min  
Response: 1843186  
Conc: 16.67 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
RBR200051



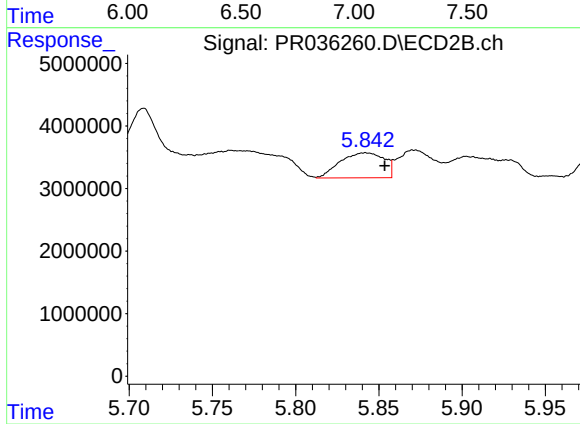
#27 AR-1254-2

R.T.: 5.483 min  
Delta R.T.: 0.024 min  
Response: 16167410  
Conc: 50.13 ng/ml



#28 AR-1254-3

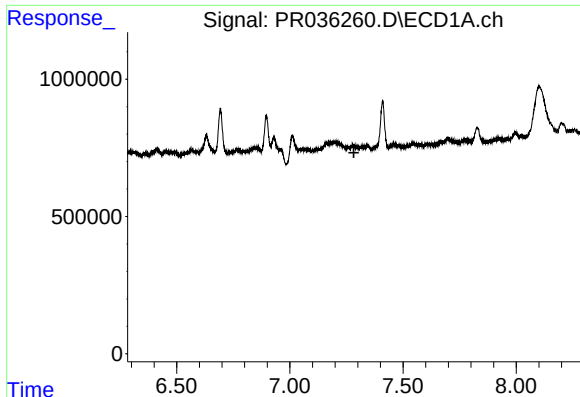
R.T.: 0.000 min  
Exp R.T. : 6.999 min  
Response: 0  
Conc: N.D.



#28 AR-1254-3

R.T.: 5.842 min  
Delta R.T.: -0.011 min  
Response: 7375740  
Conc: 14.27 ng/ml

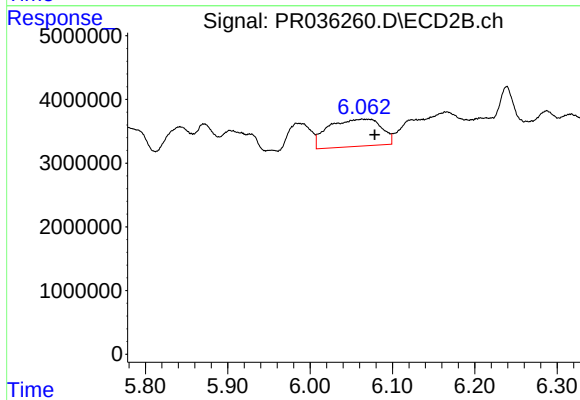




#29 AR-1254-4

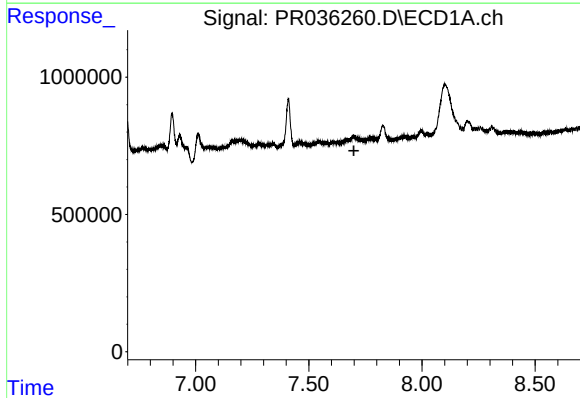
R.T.: 0.000 min  
Exp R.T.: 7.283 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_R  
ClientSampleId :  
RBR200051



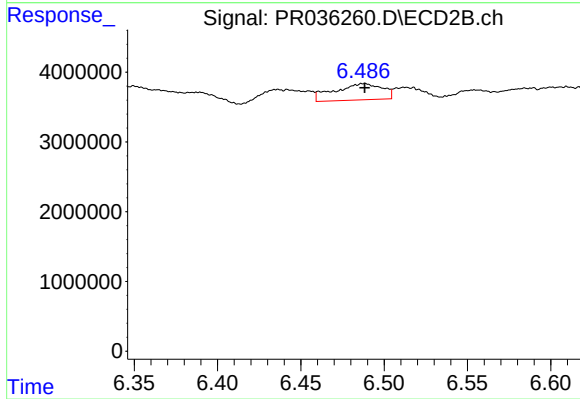
#29 AR-1254-4

R.T.: 6.063 min  
Delta R.T.: -0.016 min  
Response: 18972186  
Conc: 50.77 ng/ml



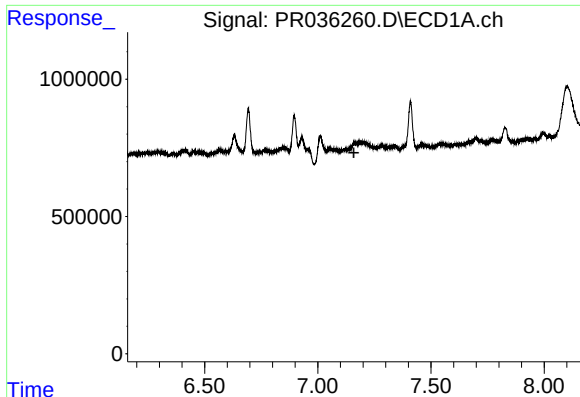
#30 AR-1254-5

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



#30 AR-1254-5

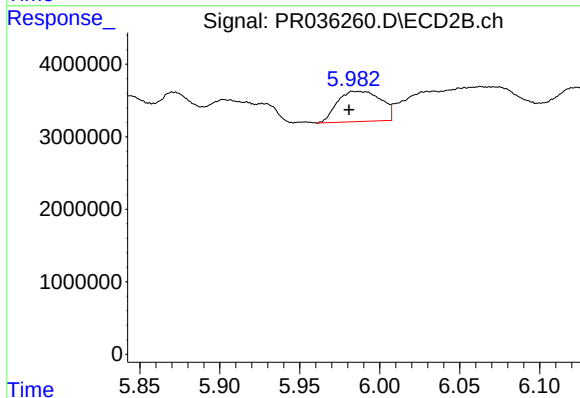
R.T.: 6.488 min  
Delta R.T.: 0.000 min  
Response: 4655424  
Conc: 9.86 ng/ml



#31 AR-1260-1

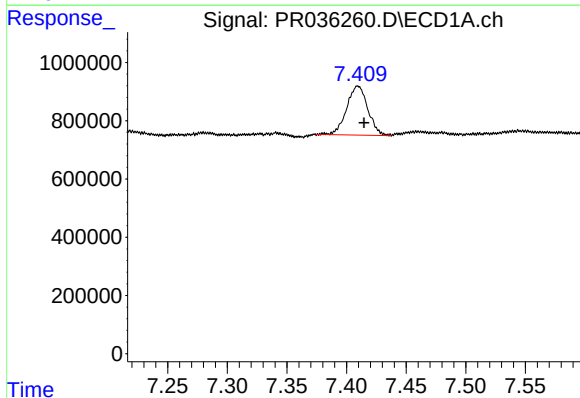
R.T.: 0.000 min  
Exp R.T.: 7.160 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_R  
ClientSampleId :  
RBR200051



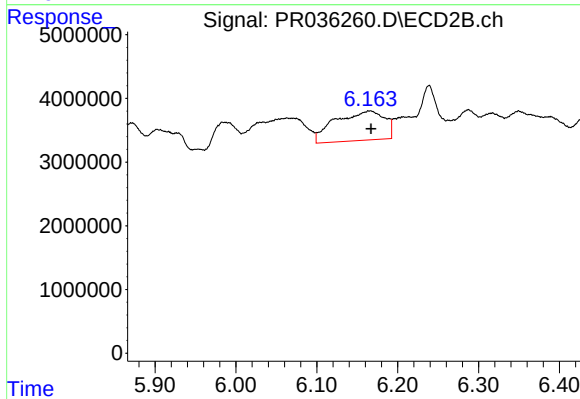
#31 AR-1260-1

R.T.: 5.985 min  
Delta R.T.: 0.004 min  
Response: 7907377  
Conc: 21.69 ng/ml



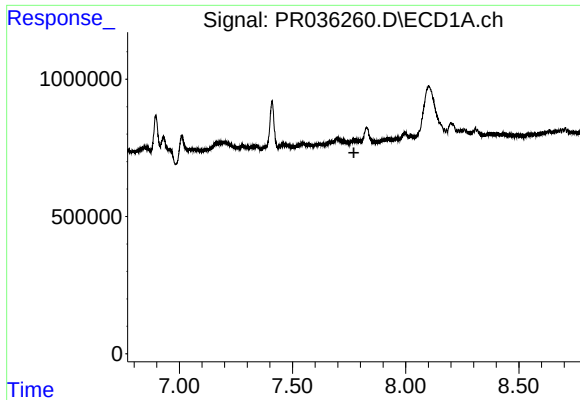
#32 AR-1260-2

R.T.: 7.410 min  
Delta R.T.: -0.005 min  
Response: 2074675  
Conc: 19.30 ng/ml



#32 AR-1260-2

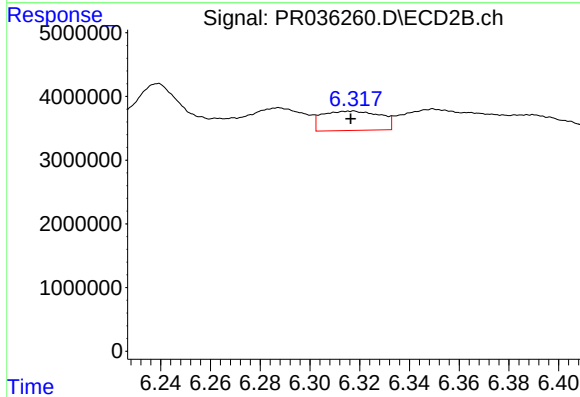
R.T.: 6.166 min  
Delta R.T.: -0.001 min  
Response: 19634161  
Conc: 37.70 ng/ml



#33 AR-1260-3

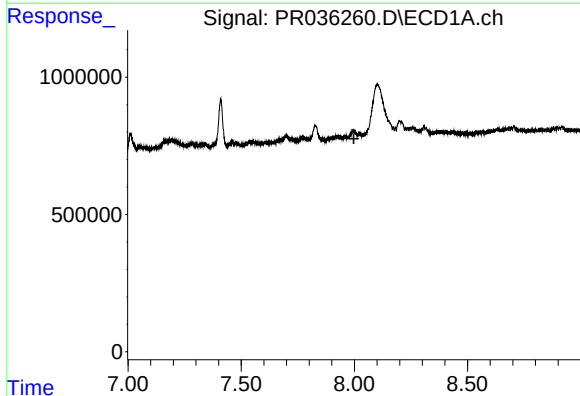
R.T.: 0.000 min  
Exp R.T.: 7.771 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_R  
ClientSampleId :  
RBR200051



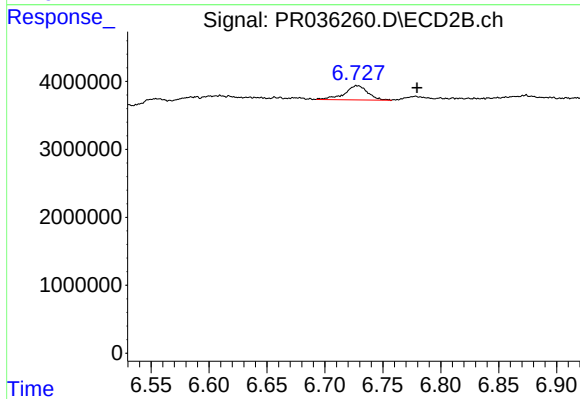
#33 AR-1260-3

R.T.: 6.317 min  
Delta R.T.: 0.000 min  
Response: 4913739  
Conc: 11.59 ng/ml



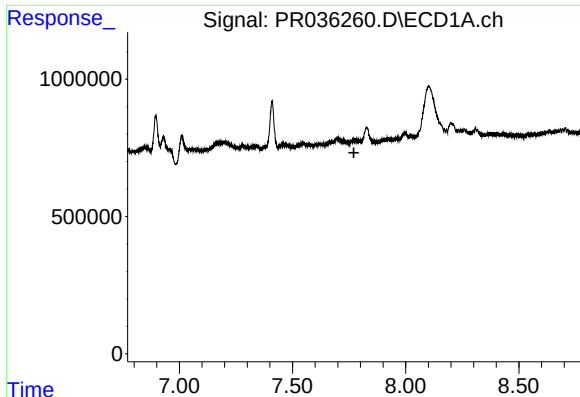
#34 AR-1260-4

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



#34 AR-1260-4

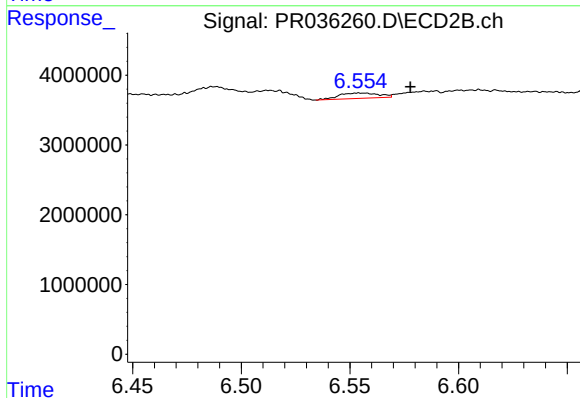
R.T.: 6.728 min  
Delta R.T.: -0.052 min  
Response: 2923840  
Conc: 8.32 ng/ml



#36 AR-1262-1

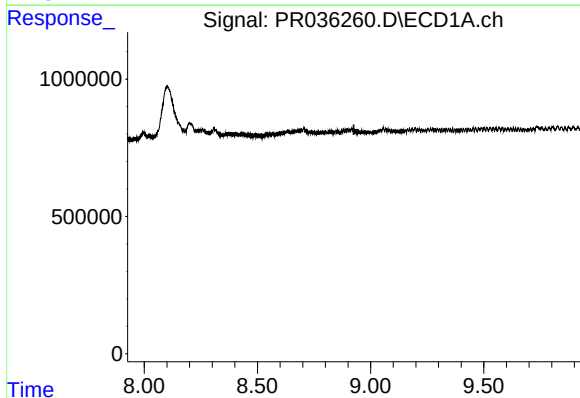
R.T.: 0.000 min  
Exp R.T. : 7.771 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_R  
ClientSampleId :  
RBR200051



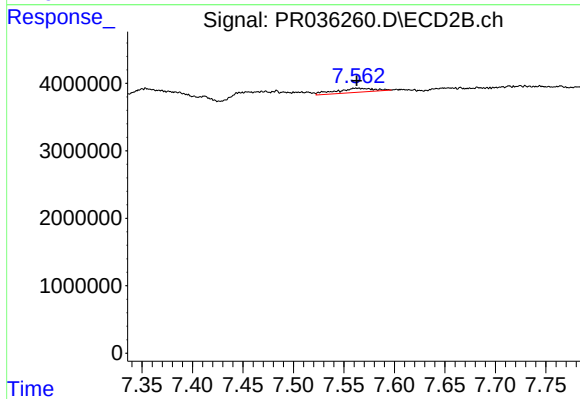
#36 AR-1262-1

R.T.: 6.555 min  
Delta R.T.: -0.023 min  
Response: 975283  
Conc: 3.73 ng/ml



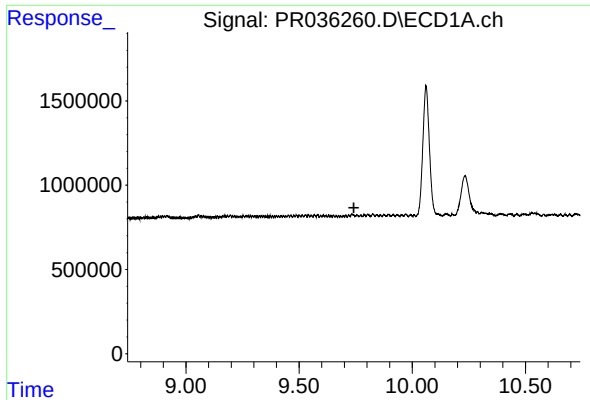
#43 AR-1268-3

R.T.: 0.000 min  
Exp R.T. : 8.926 min  
Response: 0  
Conc: N.D.



#43 AR-1268-3

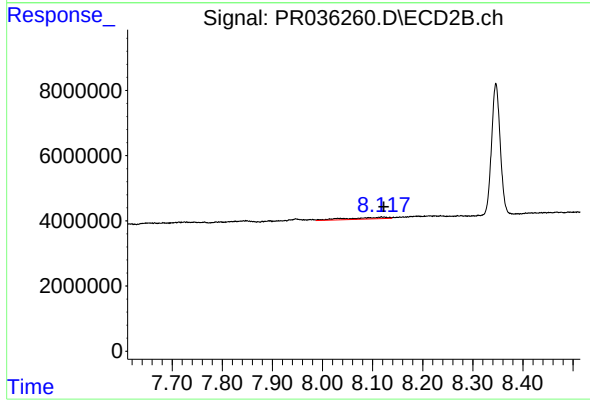
R.T.: 7.563 min  
Delta R.T.: 0.000 min  
Response: 1591900  
Conc: 1.63 ng/ml



#45 AR-1268-5

R.T.: 0.000 min  
Exp R.T.: 9.742 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_R  
ClientSampleId :  
RBR200051



#45 AR-1268-5

R.T.: 8.118 min  
Delta R.T.: -0.005 min  
Response: 2659557  
Conc: 1.07 ng/ml