

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\P0062118\  
 Data File : P0046029.D  
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
 Acq On : 21 Jun 2018 17:03  
 Operator : SM/UA  
 Sample : J3584-15  
 Misc :  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 ECD\_O  
 ClientSampleId :  
 TP-2-S

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jun 21 17:19:28 2018  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\P0061918.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Wed Jun 20 03:39:54 2018  
 Response via : Initial Calibration  
 Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

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...          | 4.383  | 3.610 | 10062297 | 4861564 | 21.042  | 19.338    |
| 2) SA Decachlor...          | 10.056 | 8.588 | 6143647  | 2446003 | 14.657  | 15.618    |
| Target Compounds            |        |       |          |         |         |           |
| 3) L1 AR-1016-1             | 5.262  | 0.000 | 2168669  | 0       | 193.287 | N.D. #    |
| 4) L1 AR-1016-2             | 0.000  | 4.883 | 0        | 680642  | N.D.    | 135.311 # |
| 5) L1 AR-1016-3             | 5.707  | 4.992 | 876151   | 488494  | 73.482  | 79.517    |
| 6) L1 AR-1016-4             | 0.000  | 5.172 | 0        | 185483  | N.D.    | 28.041 #  |
| 7) L1 AR-1016-5             | 6.403  | 5.499 | 1249652  | 1569725 | 110.332 | 244.134 # |
| 9) L2 AR-1221-2             | 0.000  | 3.908 | 0        | 149041  | N.D.    | 52.205 #  |
| 12) L3 AR-1232-2            | 5.490  | 4.702 | 1660558  | 1710449 | 211.477 | 404.942 # |
| 13) L3 AR-1232-3            | 0.000  | 4.702 | 0        | 1710449 | N.D.    | 273.932 # |
| 14) L3 AR-1232-4            | 0.000  | 4.764 | 0        | 992392  | N.D.    | 218.259 # |
| 15) L3 AR-1232-5            | 5.707  | 4.883 | 876151   | 680642  | 150.471 | 205.371 # |
| 17) L4 AR-1242-2            | 0.000  | 4.702 | 0        | 1710449 | N.D.    | 180.916 # |
| 18) L4 AR-1242-3            | 5.707  | 4.883 | 876151   | 680642  | 94.330  | 133.132 # |
| 19) L4 AR-1242-4            | 0.000  | 4.992 | 0        | 488494  | N.D.    | 100.276 # |
| 20) L4 AR-1242-5            | 0.000  | 5.172 | 0        | 185483  | N.D.    | 36.395 #  |
| 21) L5 AR-1248-1            | 0.000  | 5.172 | 0        | 185483  | N.D.    | 22.235 #  |
| 22) L5 AR-1248-2            | 0.000  | 5.286 | 0        | 760755  | N.D.    | 99.380 #  |
| 23) L5 AR-1248-3            | 6.403  | 5.499 | 1249652  | 1569725 | 67.856  | 136.869 # |
| 24) L5 AR-1248-4            | 6.403  | 5.533 | 1249652  | 773136  | 69.609  | 91.402 #  |
| 25) L5 AR-1248-5            | 6.675  | 6.055 | 2613879  | 3706852 | 217.242 | 660.567 # |
| 26) L6 AR-1254-1            | 6.609  | 5.499 | 5205606  | 1569725 | 174.892 | 122.556 # |
| 27) L6 AR-1254-2            | 6.877  | 5.661 | 2206489  | 3029740 | 117.943 | 274.408 # |
| 28) L6 AR-1254-3            | 6.985  | 6.055 | 2136944  | 3706852 | 63.176  | 207.346 # |
| 29) L6 AR-1254-4            | 0.000  | 6.263 | 0        | 956891  | N.D.    | 86.191 #  |
| 31) L7 AR-1260-1            | 0.000  | 6.168 | 0        | 1364148 | N.D.    | 112.491 # |
| 32) L7 AR-1260-2            | 7.382  | 6.352 | 1025412  | 1757259 | 35.642  | 119.132 # |
| 33) L7 AR-1260-3            | 0.000  | 6.680 | 0        | 565847  | N.D.    | 37.171 #  |
| 34) L7 AR-1260-4            | 0.000  | 7.215 | 0        | 258135  | N.D.    | 11.661 #  |
| 35) L7 AR-1260-5            | 0.000  | 7.564 | 0        | 290876  | N.D.    | 17.968 #  |
| 36) L8 AR-1262-1            | 0.000  | 6.352 | 0        | 1757259 | N.D.    | 139.671 # |
| 37) L8 AR-1262-2            | 7.382  | 6.506 | 1025412  | 824335  | 40.063  | 67.215 #  |
| 38) L8 AR-1262-3            | 0.000  | 6.680 | 0        | 565847  | N.D.    | 33.879 #  |
| 40) L8 AR-1262-5            | 0.000  | 7.215 | 0        | 258135  | N.D.    | 9.796 #   |
| 41) L9 AR-1268-1            | 0.000  | 7.564 | 0        | 290876  | N.D.    | 11.530 #  |
| 42) L9 AR-1268-2            | 0.000  | 7.564 | 0        | 290876  | N.D.    | 12.091 #  |
| -----                       |        |       |          |         |         |           |

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_0\Data\P0062118\  
Data File : P0046029.D  
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
Acq On : 21 Jun 2018 17:03  
Operator : SM/UA  
Sample : J3584-15  
Misc :  
ALS Vial : 20 Sample Multiplier: 1

Instrument :  
ECD\_O  
ClientSampleId :  
TP-2-S

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jun 21 17:19:28 2018  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_0\methods\P0061918.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Wed Jun 20 03:39:54 2018  
Response via : Initial Calibration  
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

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 |
|----------|------|------|--------|--------|-------|-------|
|----------|------|------|--------|--------|-------|-------|

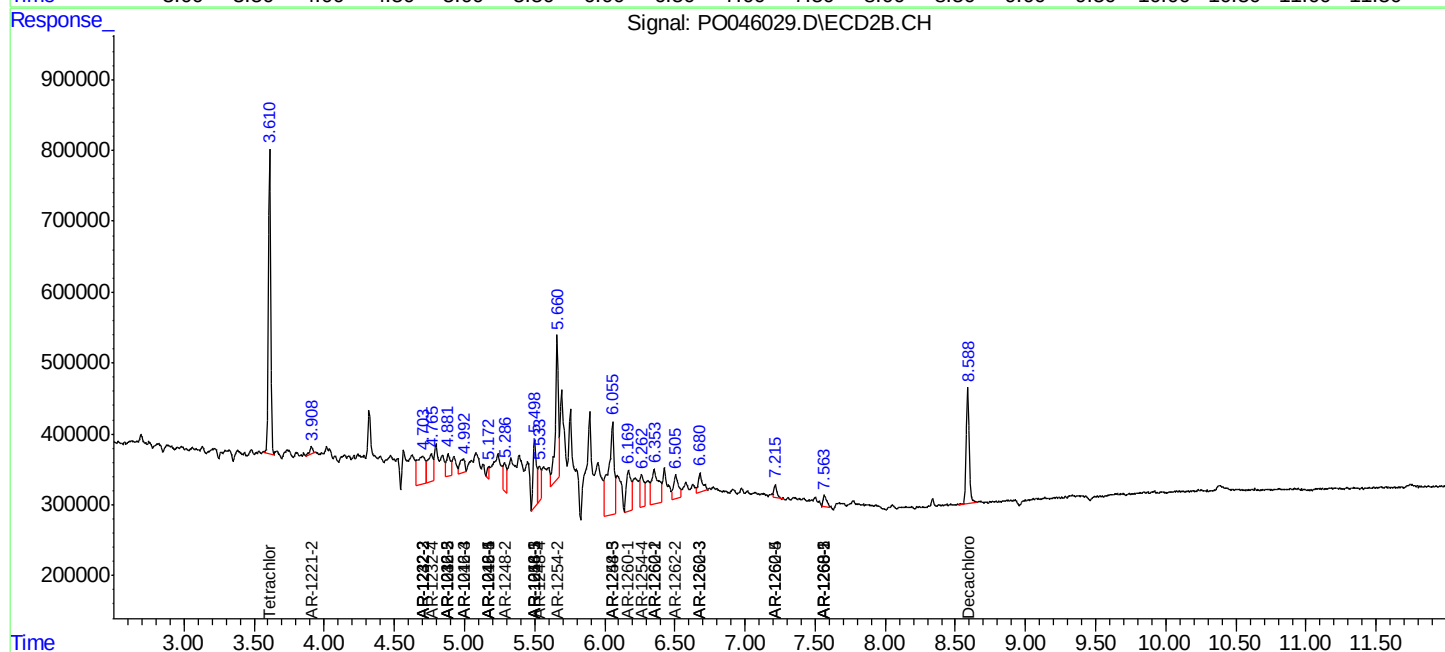
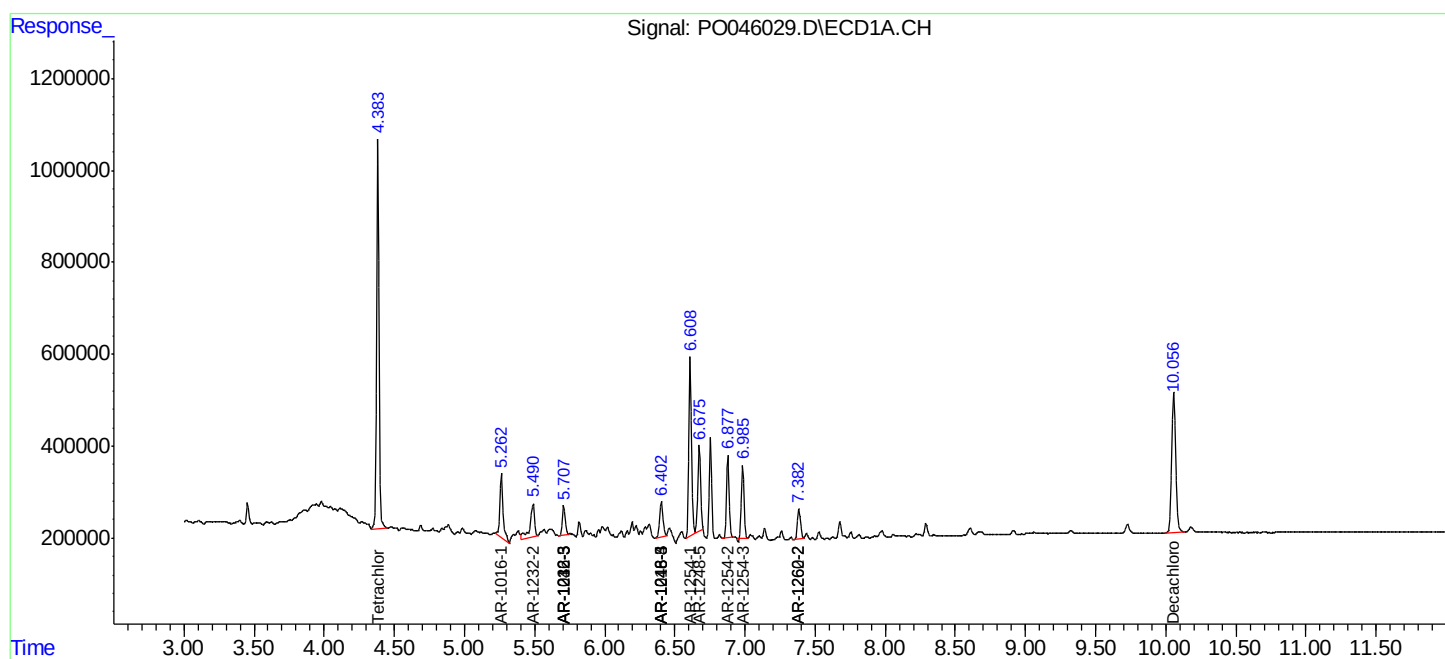
-----  
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

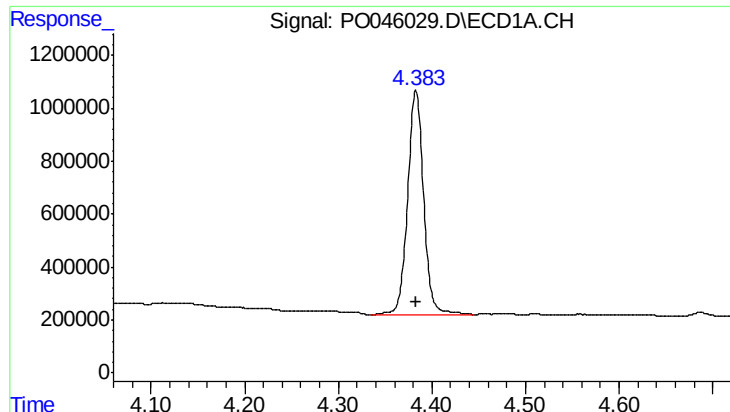
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\P0062118\  
Data File : P0046029.D  
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
Acq On : 21 Jun 2018 17:03  
Operator : SM/UA  
Sample : J3584-15  
Misc :  
ALS Vial : 20 Sample Multiplier: 1

Instrument :  
ECD\_O  
ClientSampleId :  
TP-2-S

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jun 21 17:19:28 2018  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\P0061918.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Wed Jun 20 03:39:54 2018  
Response via : Initial Calibration  
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

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

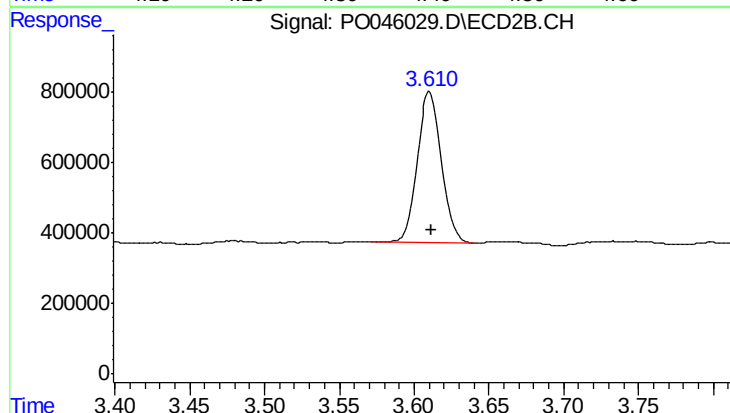




#1 Tetrachloro-m-xylene

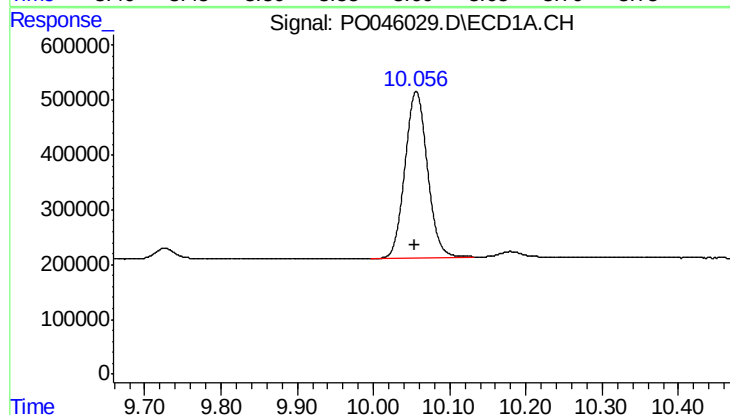
R.T.: 4.383 min  
Delta R.T.: 0.000 min  
Response: 10062297  
Conc: 21.04 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
TP-2-S



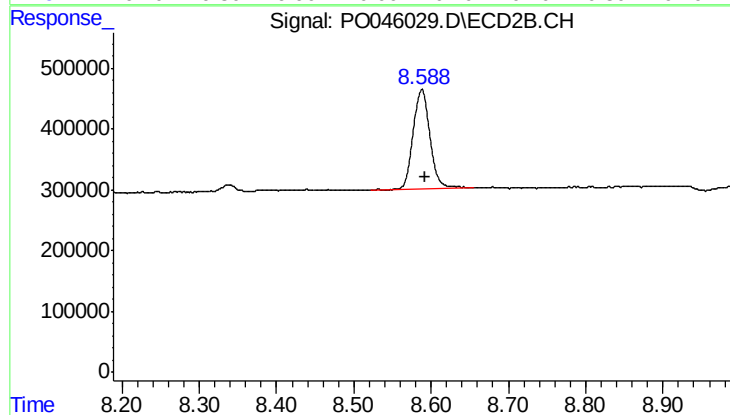
#1 Tetrachloro-m-xylene

R.T.: 3.610 min  
Delta R.T.: -0.001 min  
Response: 4861564  
Conc: 19.34 ng/ml



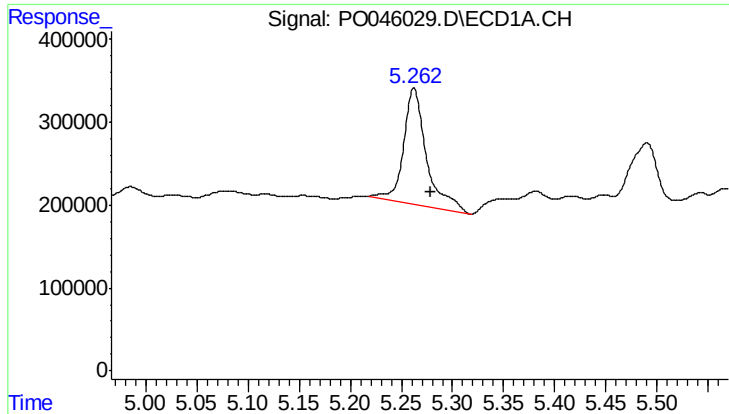
#2 Decachlorobiphenyl

R.T.: 10.056 min  
Delta R.T.: 0.003 min  
Response: 6143647  
Conc: 14.66 ng/ml



#2 Decachlorobiphenyl

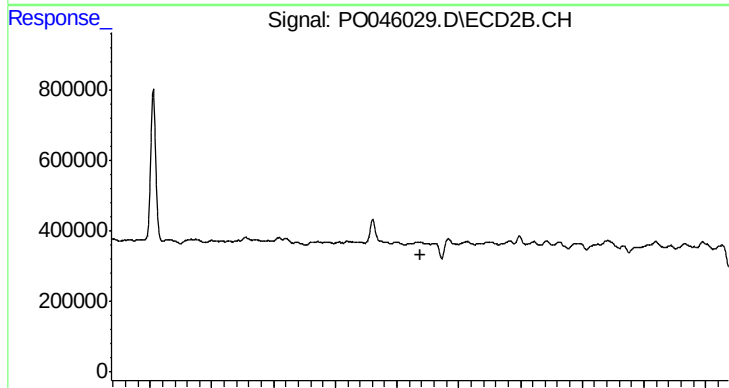
R.T.: 8.588 min  
Delta R.T.: -0.005 min  
Response: 2446003  
Conc: 15.62 ng/ml



#3 AR-1016-1

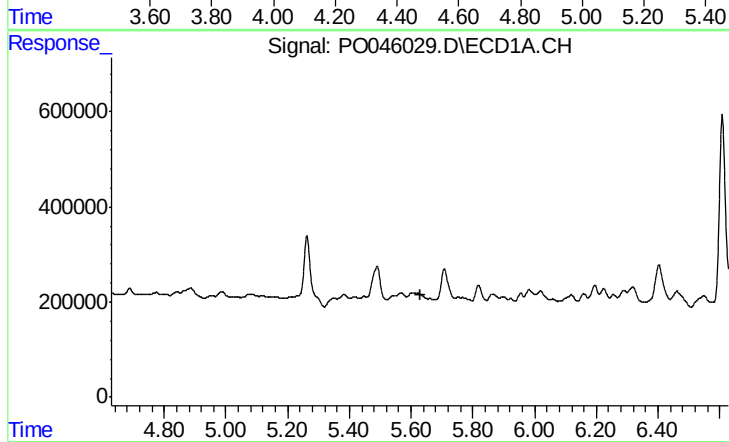
R.T.: 5.262 min  
Delta R.T.: -0.016 min  
Response: 2168669  
Conc: 193.29 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
TP-2-S



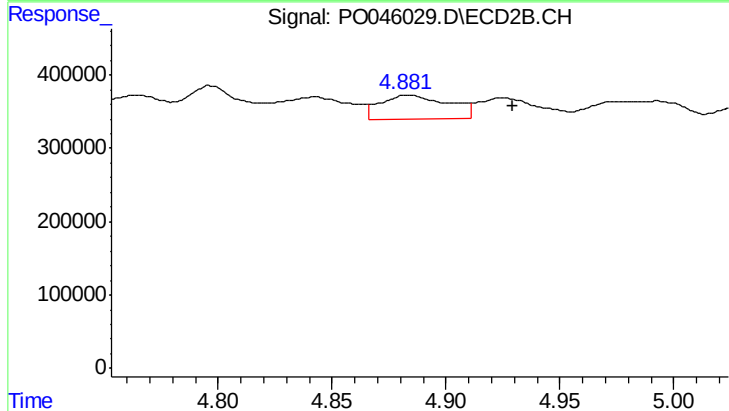
#3 AR-1016-1

R.T.: 0.000 min  
Exp R.T.: 4.475 min  
Response: 0  
Conc: N.D.



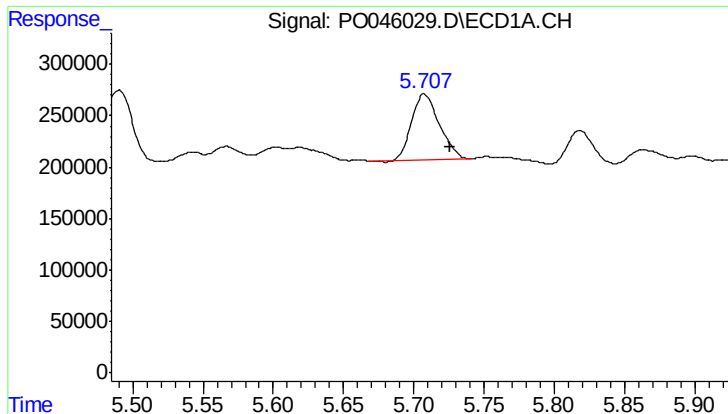
#4 AR-1016-2

R.T.: 0.000 min  
Exp R.T.: 5.629 min  
Response: 0  
Conc: N.D.



#4 AR-1016-2

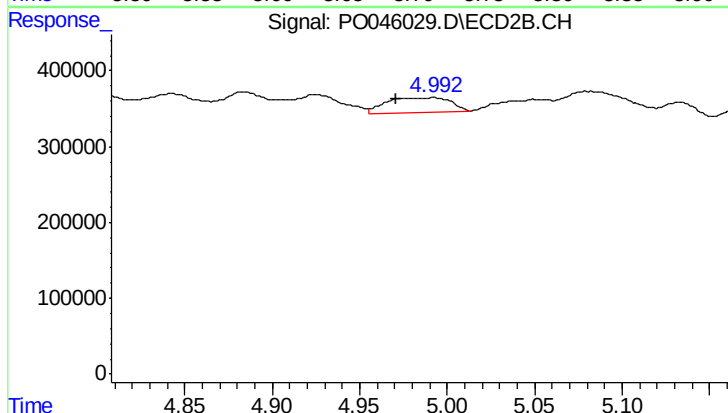
R.T.: 4.883 min  
Delta R.T.: -0.046 min  
Response: 680642  
Conc: 135.31 ng/ml



#5 AR-1016-3

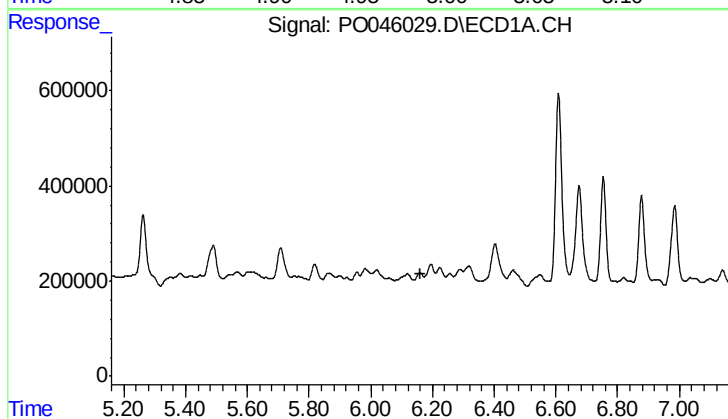
R.T.: 5.707 min  
Delta R.T.: -0.018 min  
Response: 876151  
Conc: 73.48 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
TP-2-S



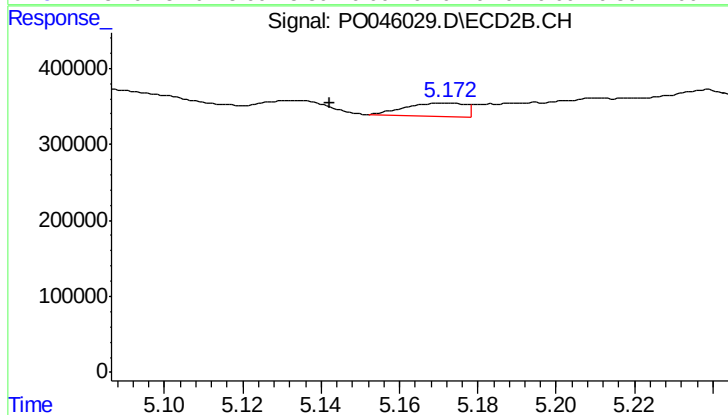
#5 AR-1016-3

R.T.: 4.992 min  
Delta R.T.: 0.021 min  
Response: 488494  
Conc: 79.52 ng/ml



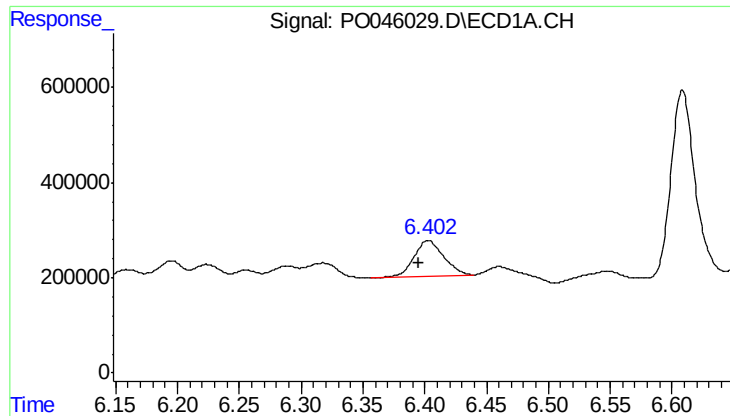
#6 AR-1016-4

R.T.: 0.000 min  
Exp R.T.: 6.160 min  
Response: 0  
Conc: N.D.



#6 AR-1016-4

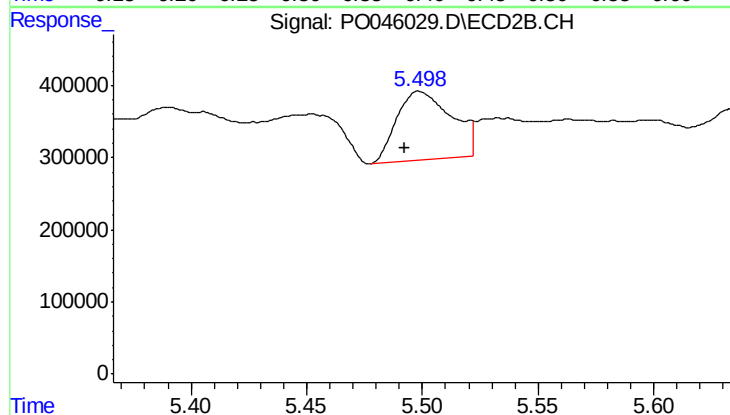
R.T.: 5.172 min  
Delta R.T.: 0.030 min  
Response: 185483  
Conc: 28.04 ng/ml



#7 AR-1016-5

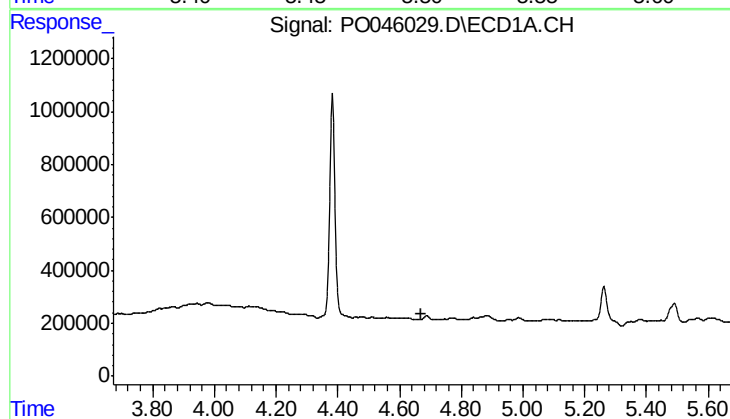
R.T.: 6.403 min  
Delta R.T.: 0.008 min  
Response: 1249652  
Conc: 110.33 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
TP-2-S



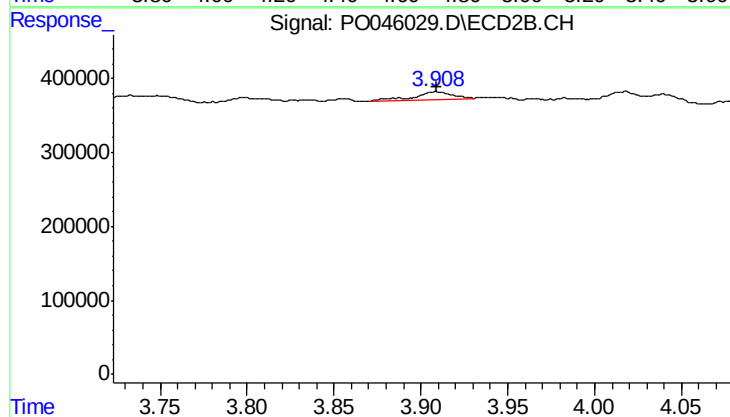
#7 AR-1016-5

R.T.: 5.499 min  
Delta R.T.: 0.006 min  
Response: 1569725  
Conc: 244.13 ng/ml



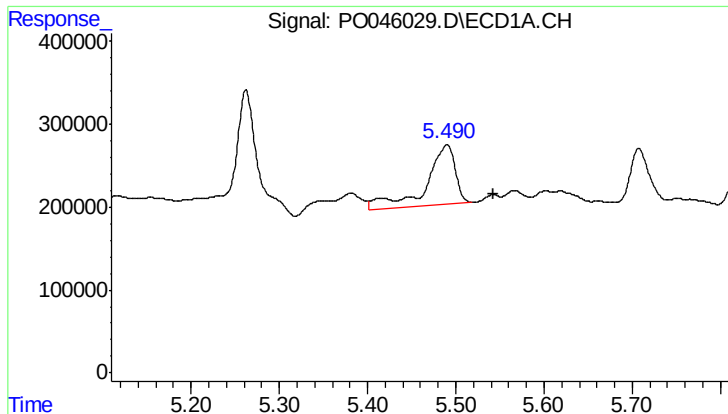
#9 AR-1221-2

R.T.: 0.000 min  
Exp R.T.: 4.672 min  
Response: 0  
Conc: N.D.



#9 AR-1221-2

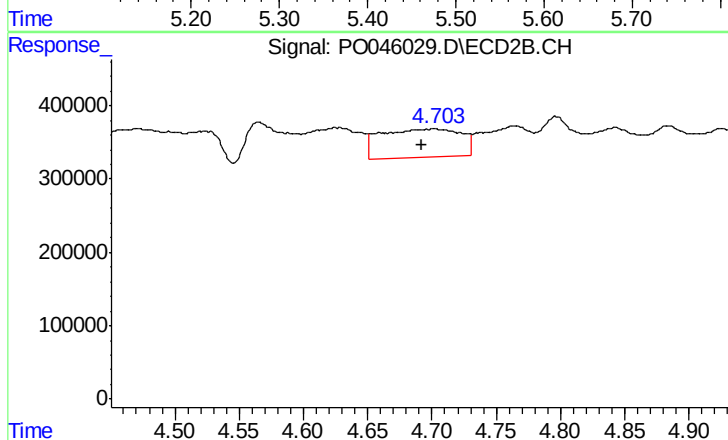
R.T.: 3.908 min  
Delta R.T.: 0.000 min  
Response: 149041  
Conc: 52.20 ng/ml



#12 AR-1232-2

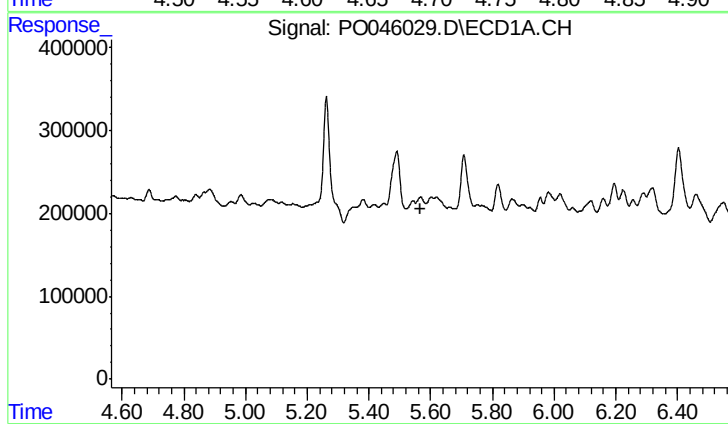
R.T.: 5.490 min  
Delta R.T.: -0.053 min  
Response: 1660558  
Conc: 211.48 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
TP-2-S



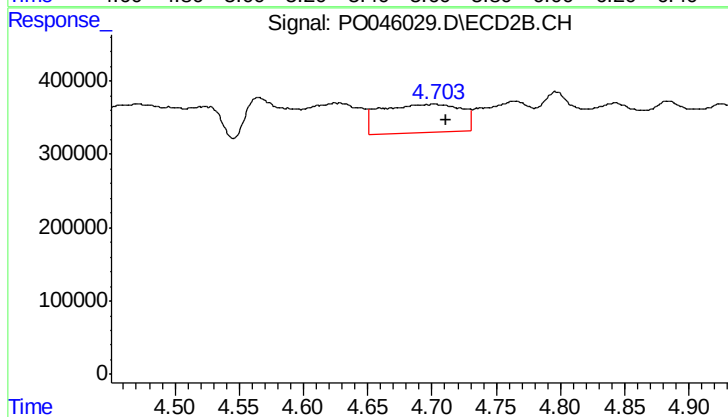
#12 AR-1232-2

R.T.: 4.702 min  
Delta R.T.: 0.010 min  
Response: 1710449  
Conc: 404.94 ng/ml



#13 AR-1232-3

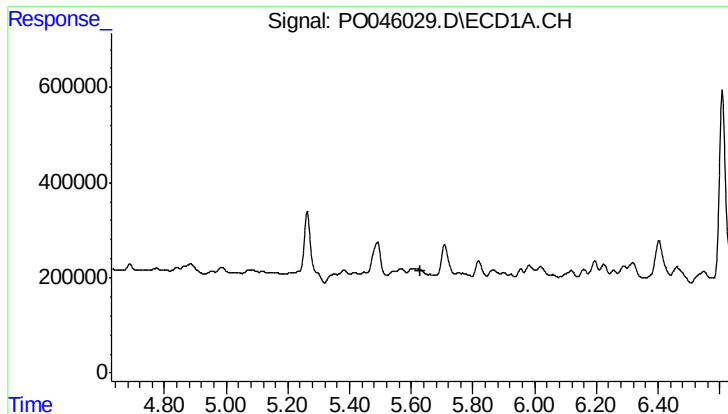
R.T.: 0.000 min  
Exp R.T.: 5.566 min  
Response: 0  
Conc: N.D.



#13 AR-1232-3

R.T.: 4.702 min  
Delta R.T.: -0.009 min  
Response: 1710449  
Conc: 273.93 ng/ml

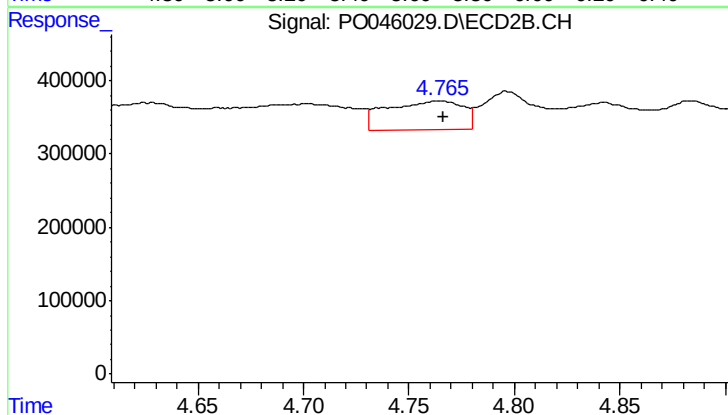




#14 AR-1232-4

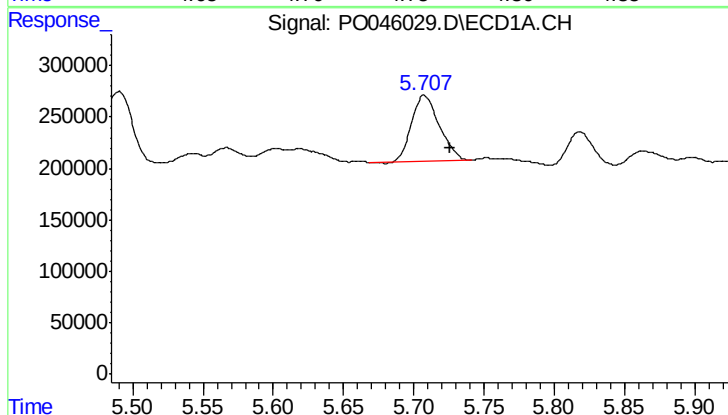
R.T.: 0.000 min  
Exp R.T.: 5.628 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
TP-2-S



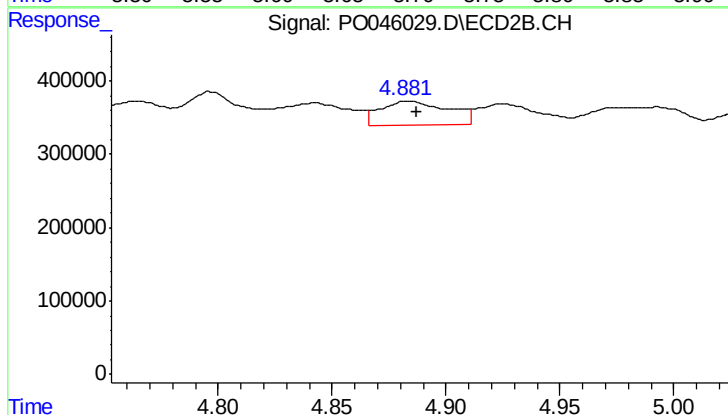
#14 AR-1232-4

R.T.: 4.764 min  
Delta R.T.: -0.002 min  
Response: 992392  
Conc: 218.26 ng/ml



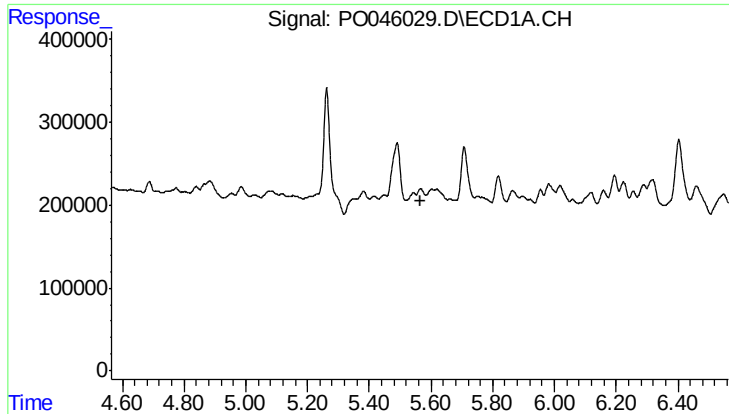
#15 AR-1232-5

R.T.: 5.707 min  
Delta R.T.: -0.018 min  
Response: 876151  
Conc: 150.47 ng/ml



#15 AR-1232-5

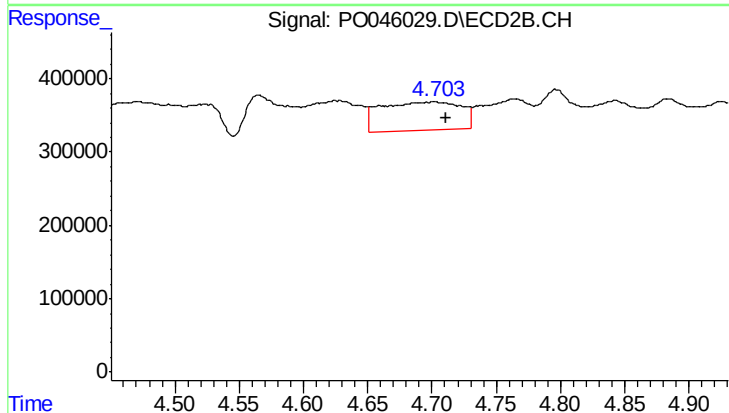
R.T.: 4.883 min  
Delta R.T.: -0.004 min  
Response: 680642  
Conc: 205.37 ng/ml



#17 AR-1242-2

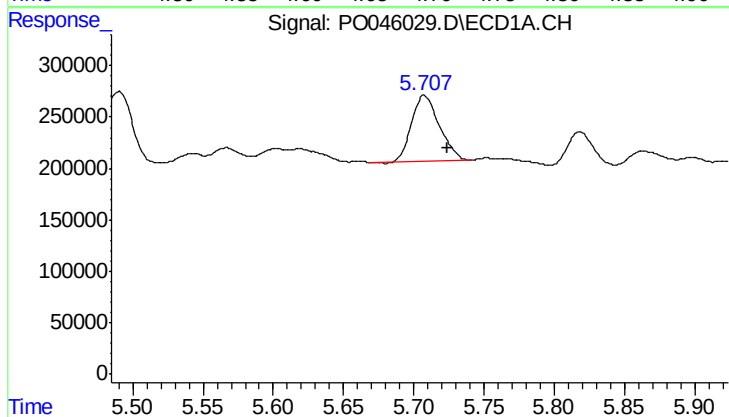
R.T.: 0.000 min  
Exp R.T.: 5.565 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
TP-2-S



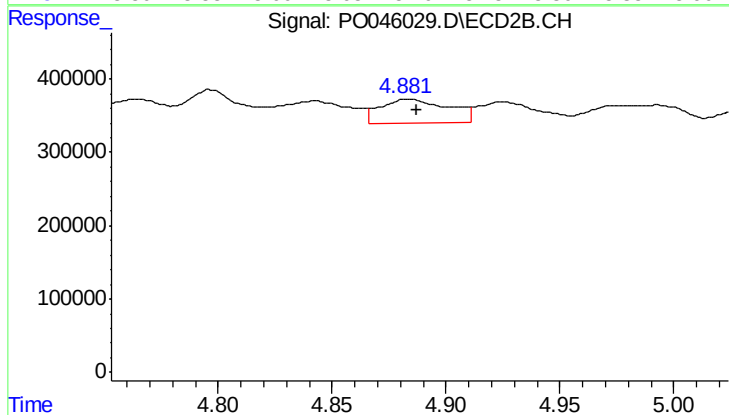
#17 AR-1242-2

R.T.: 4.702 min  
Delta R.T.: -0.009 min  
Response: 1710449  
Conc: 180.92 ng/ml



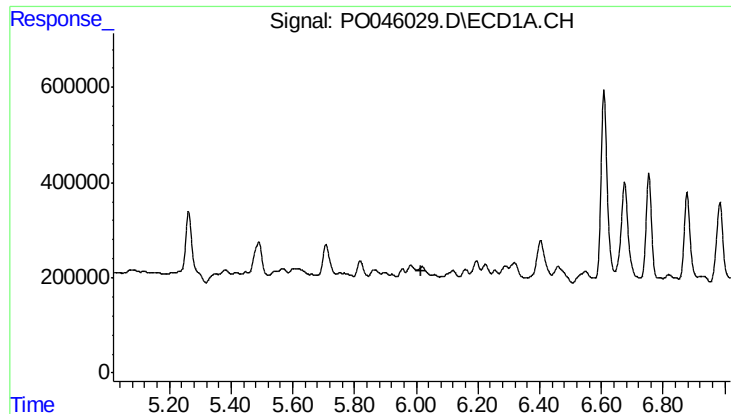
#18 AR-1242-3

R.T.: 5.707 min  
Delta R.T.: -0.016 min  
Response: 876151  
Conc: 94.33 ng/ml



#18 AR-1242-3

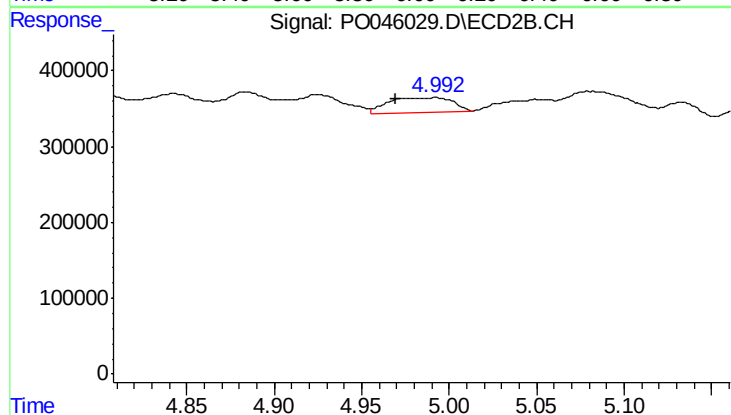
R.T.: 4.883 min  
Delta R.T.: -0.004 min  
Response: 680642  
Conc: 133.13 ng/ml



#19 AR-1242-4

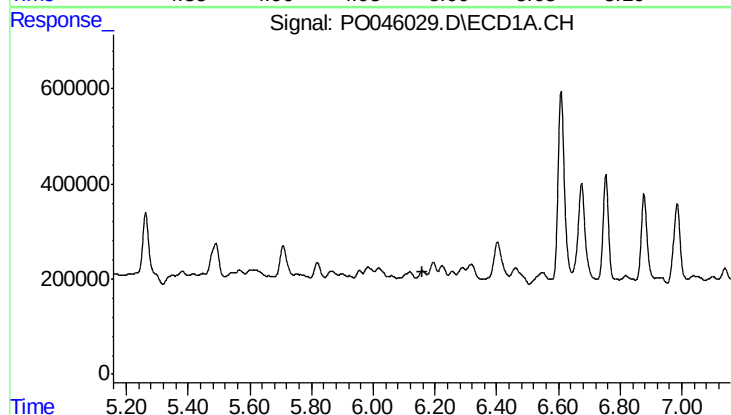
R.T.: 0.000 min  
Exp R.T.: 6.018 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
TP-2-S



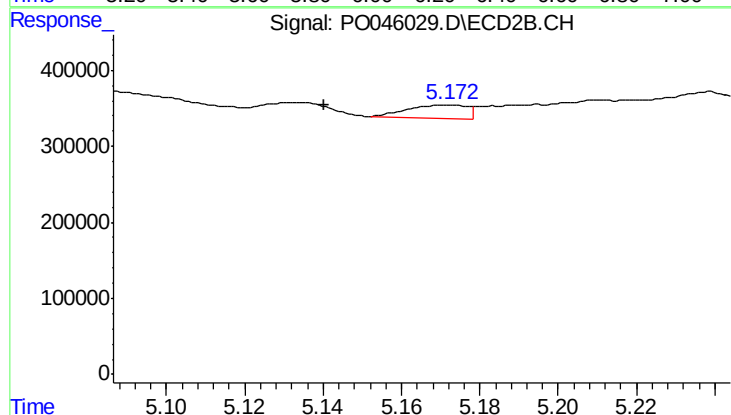
#19 AR-1242-4

R.T.: 4.992 min  
Delta R.T.: 0.023 min  
Response: 488494  
Conc: 100.28 ng/ml



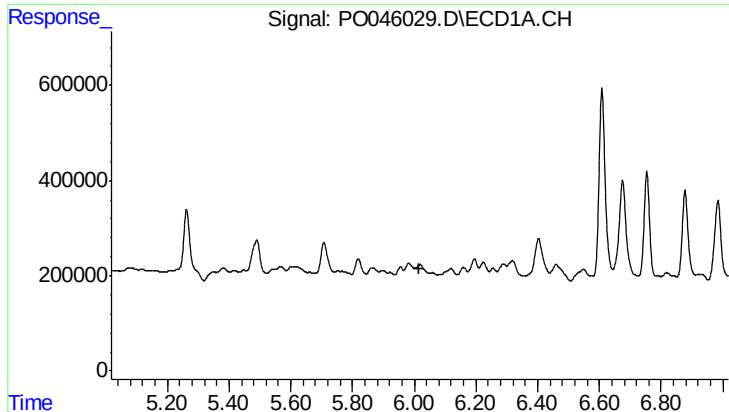
#20 AR-1242-5

R.T.: 0.000 min  
Exp R.T.: 6.158 min  
Response: 0  
Conc: N.D.



#20 AR-1242-5

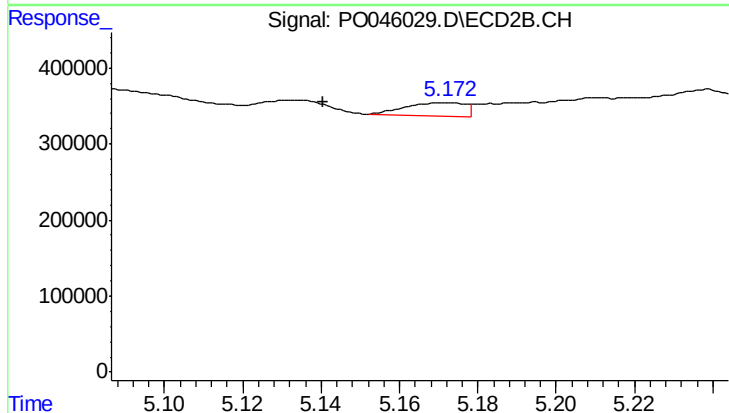
R.T.: 5.172 min  
Delta R.T.: 0.032 min  
Response: 185483  
Conc: 36.39 ng/ml



#21 AR-1248-1

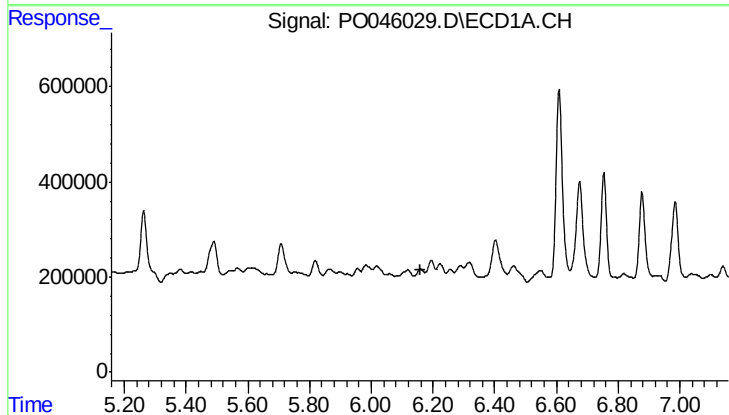
R.T.: 0.000 min  
Exp R.T.: 6.018 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
TP-2-S



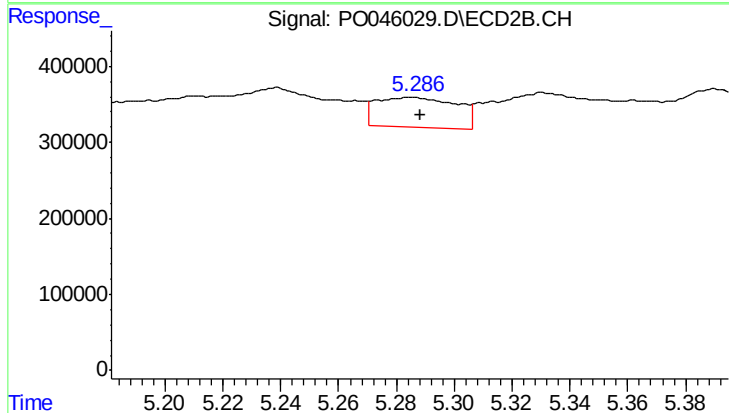
#21 AR-1248-1

R.T.: 5.172 min  
Delta R.T.: 0.032 min  
Response: 185483  
Conc: 22.23 ng/ml



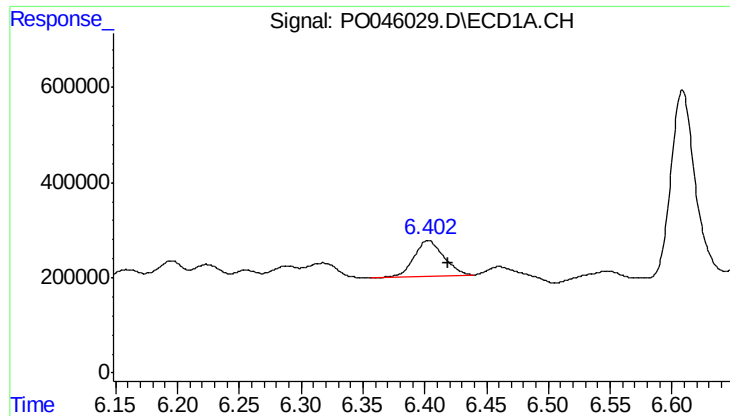
#22 AR-1248-2

R.T.: 0.000 min  
Exp R.T.: 6.158 min  
Response: 0  
Conc: N.D.



#22 AR-1248-2

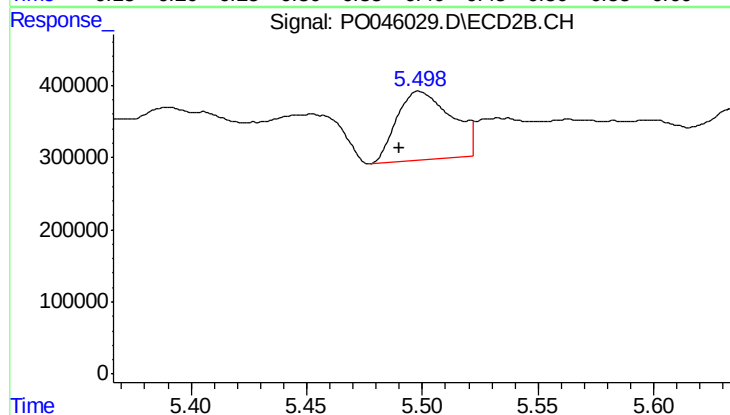
R.T.: 5.286 min  
Delta R.T.: -0.003 min  
Response: 760755  
Conc: 99.38 ng/ml



#23 AR-1248-3

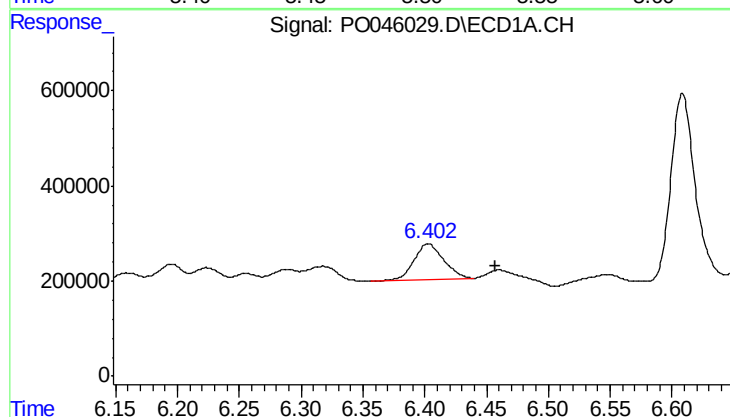
R.T.: 6.403 min  
Delta R.T.: -0.016 min  
Response: 1249652  
Conc: 67.86 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
TP-2-S



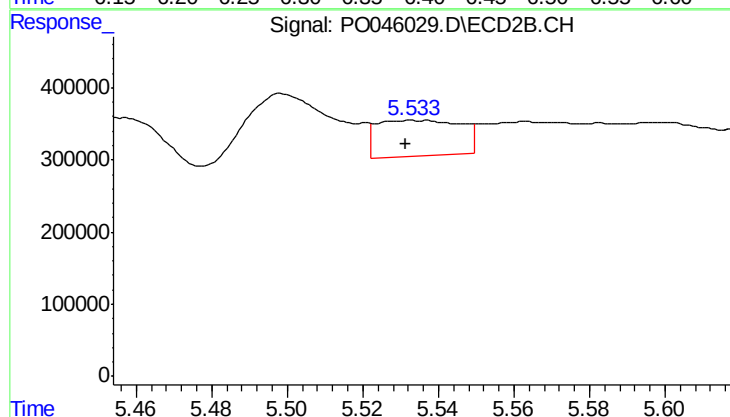
#23 AR-1248-3

R.T.: 5.499 min  
Delta R.T.: 0.008 min  
Response: 1569725  
Conc: 136.87 ng/ml



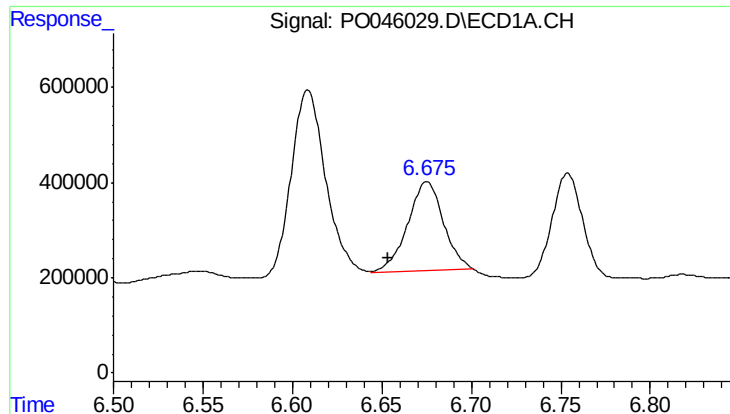
#24 AR-1248-4

R.T.: 6.403 min  
Delta R.T.: -0.054 min  
Response: 1249652  
Conc: 69.61 ng/ml



#24 AR-1248-4

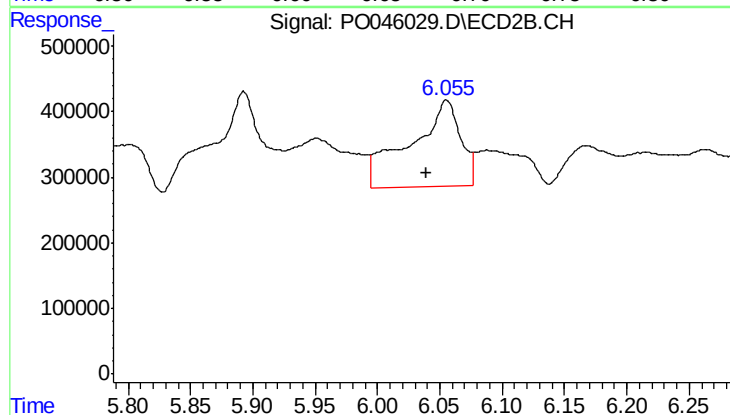
R.T.: 5.533 min  
Delta R.T.: 0.002 min  
Response: 773136  
Conc: 91.40 ng/ml



#25 AR-1248-5

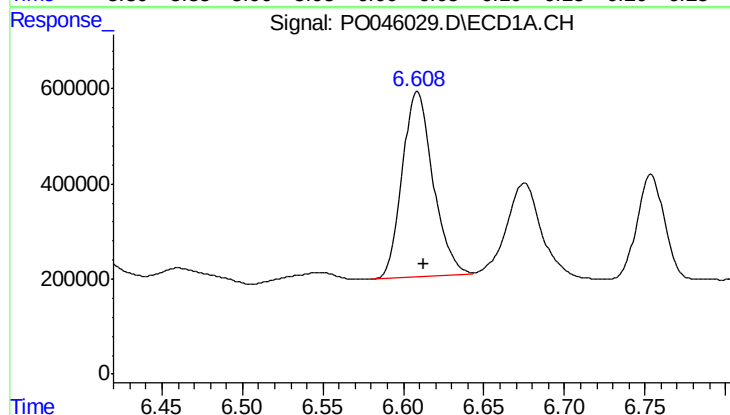
R.T.: 6.675 min  
Delta R.T.: 0.022 min  
Response: 2613879  
Conc: 217.24 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
TP-2-S



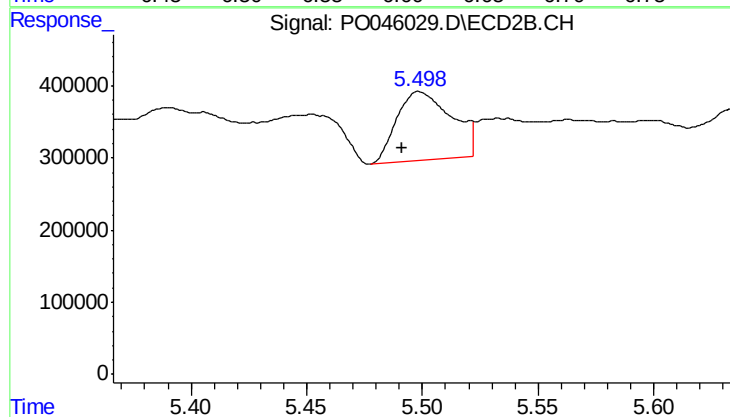
#25 AR-1248-5

R.T.: 6.055 min  
Delta R.T.: 0.016 min  
Response: 3706852  
Conc: 660.57 ng/ml



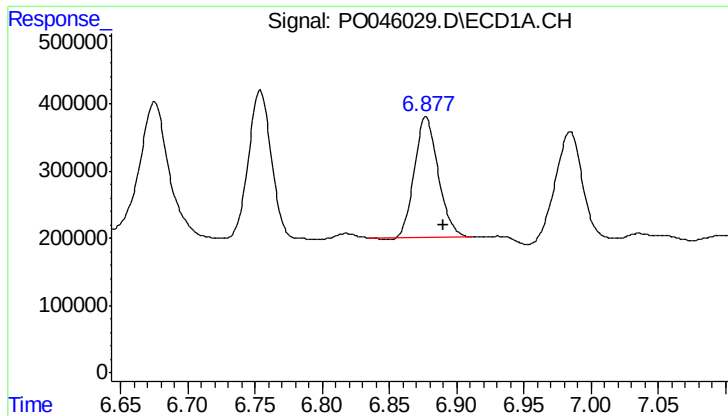
#26 AR-1254-1

R.T.: 6.609 min  
Delta R.T.: -0.004 min  
Response: 5205606  
Conc: 174.89 ng/ml



#26 AR-1254-1

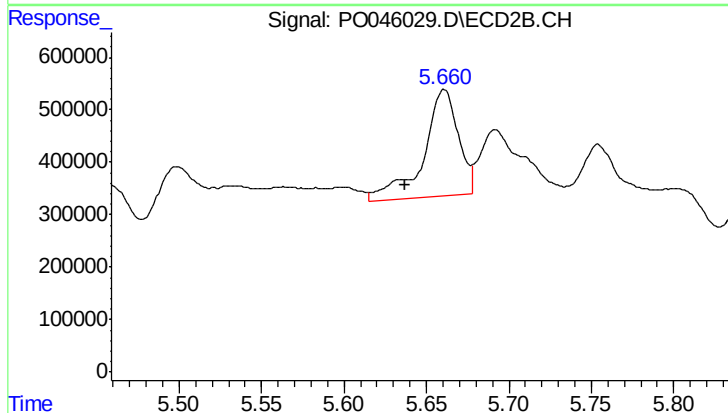
R.T.: 5.499 min  
Delta R.T.: 0.008 min  
Response: 1569725  
Conc: 122.56 ng/ml



#27 AR-1254-2

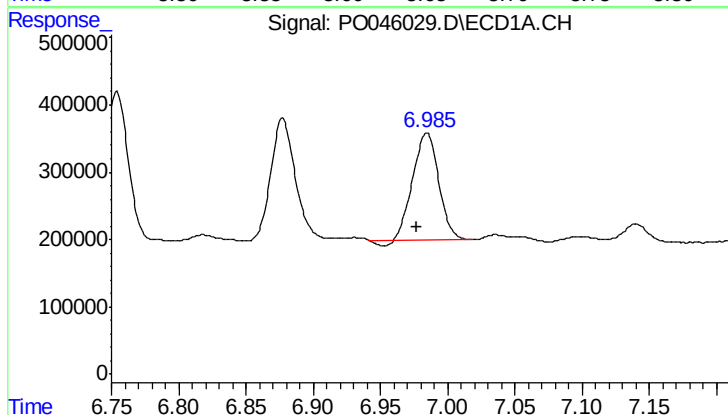
R.T.: 6.877 min  
Delta R.T.: -0.013 min  
Response: 2206489  
Conc: 117.94 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
TP-2-S



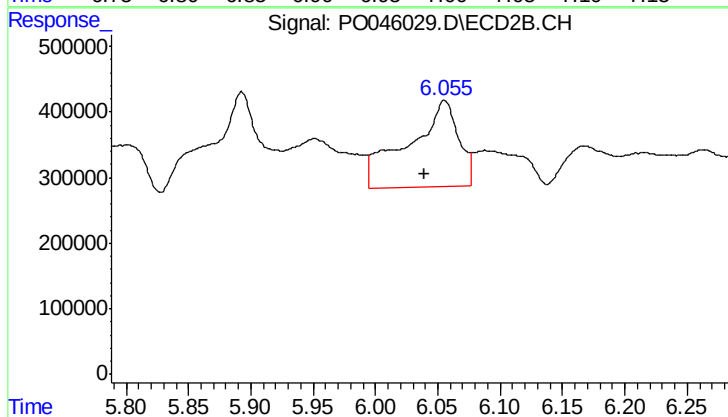
#27 AR-1254-2

R.T.: 5.661 min  
Delta R.T.: 0.024 min  
Response: 3029740  
Conc: 274.41 ng/ml



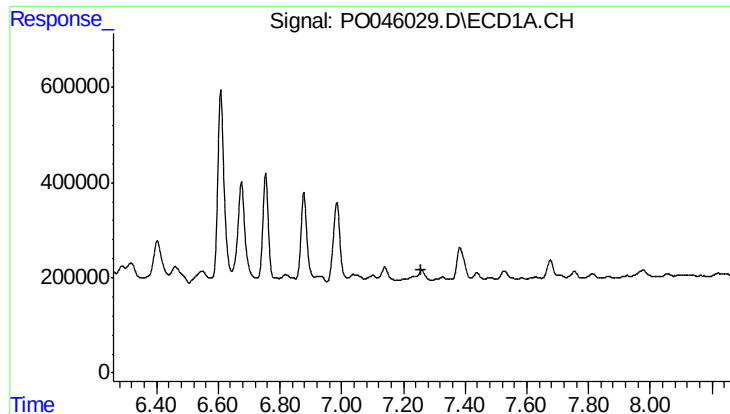
#28 AR-1254-3

R.T.: 6.985 min  
Delta R.T.: 0.008 min  
Response: 2136944  
Conc: 63.18 ng/ml



#28 AR-1254-3

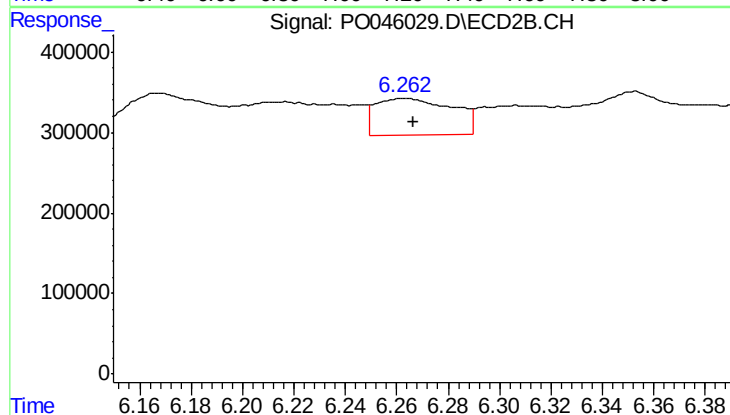
R.T.: 6.055 min  
Delta R.T.: 0.016 min  
Response: 3706852  
Conc: 207.35 ng/ml



#29 AR-1254-4

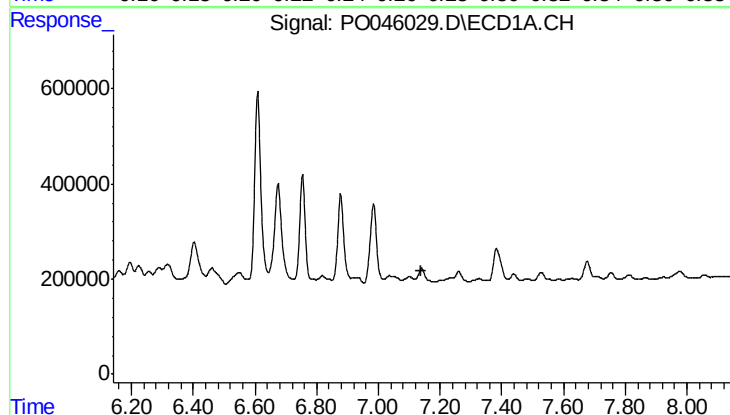
R.T.: 0.000 min  
Exp R.T.: 7.260 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
TP-2-S



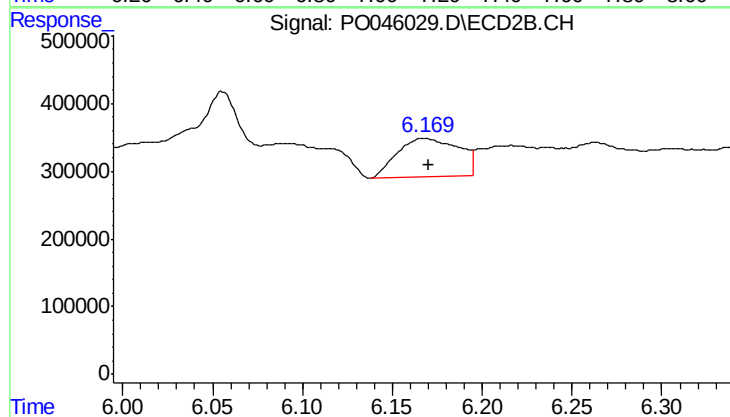
#29 AR-1254-4

R.T.: 6.263 min  
Delta R.T.: -0.003 min  
Response: 956891  
Conc: 86.19 ng/ml



#31 AR-1260-1

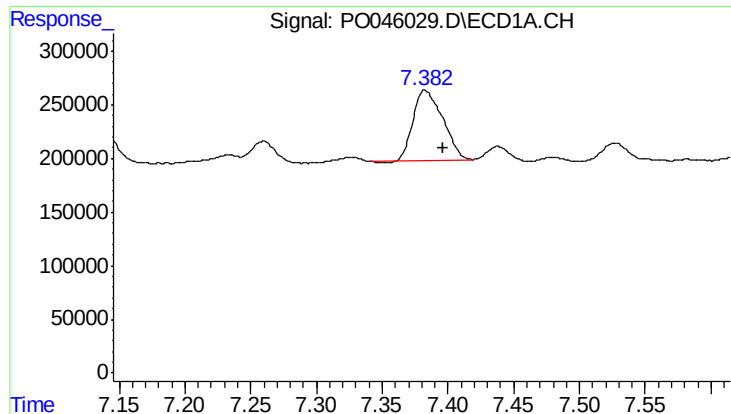
R.T.: 0.000 min  
Exp R.T.: 7.141 min  
Response: 0  
Conc: N.D.



#31 AR-1260-1

R.T.: 6.168 min  
Delta R.T.: -0.003 min  
Response: 1364148  
Conc: 112.49 ng/ml

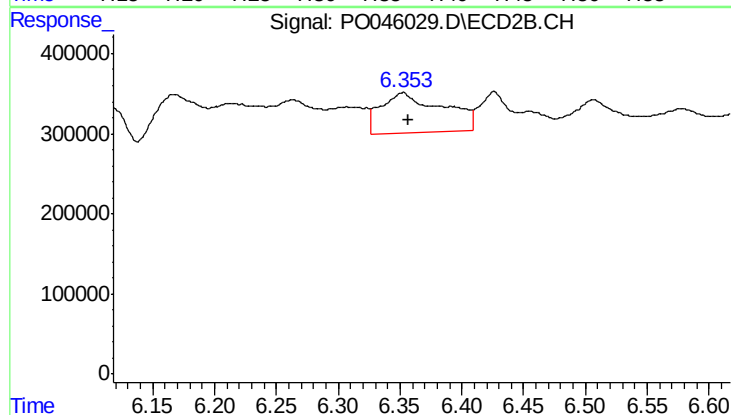




#32 AR-1260-2

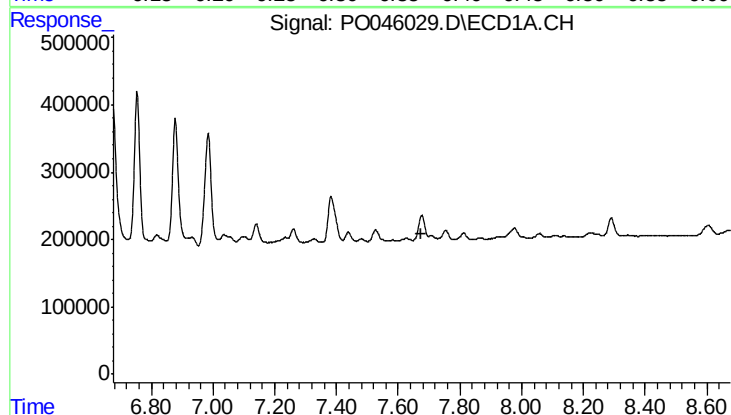
R.T.: 7.382 min  
Delta R.T.: -0.014 min  
Response: 1025412  
Conc: 35.64 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
TP-2-S



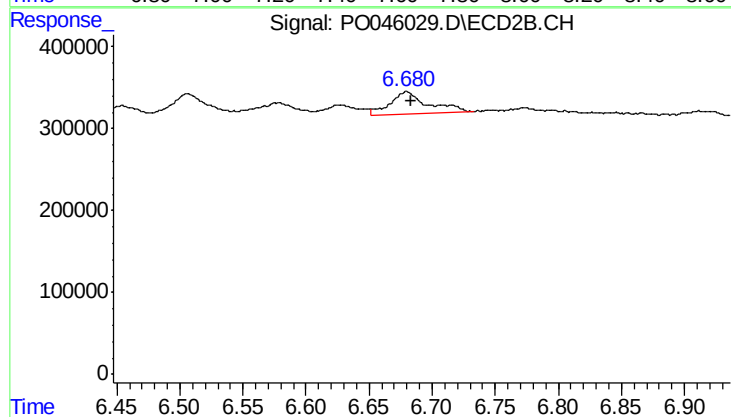
#32 AR-1260-2

R.T.: 6.352 min  
Delta R.T.: -0.004 min  
Response: 1757259  
Conc: 119.13 ng/ml



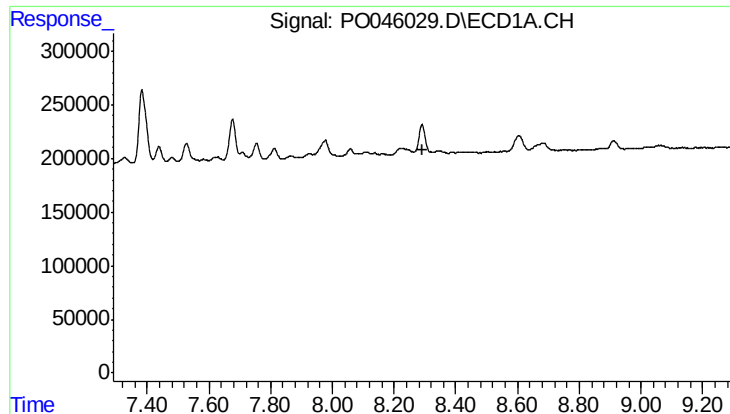
#33 AR-1260-3

R.T.: 0.000 min  
Exp R.T.: 7.677 min  
Response: 0  
Conc: N.D.



#33 AR-1260-3

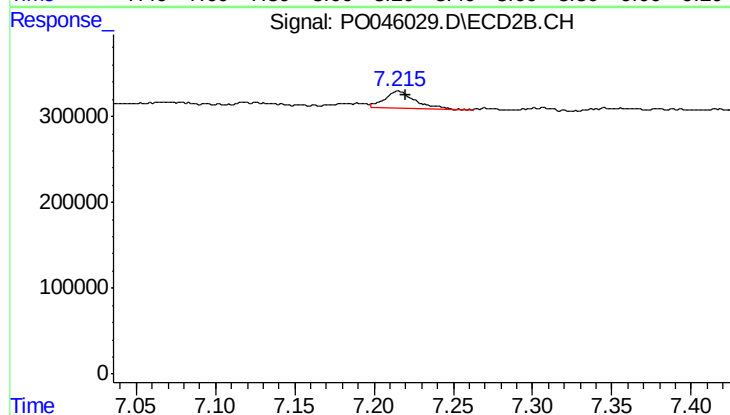
R.T.: 6.680 min  
Delta R.T.: -0.004 min  
Response: 565847  
Conc: 37.17 ng/ml



#34 AR-1260-4

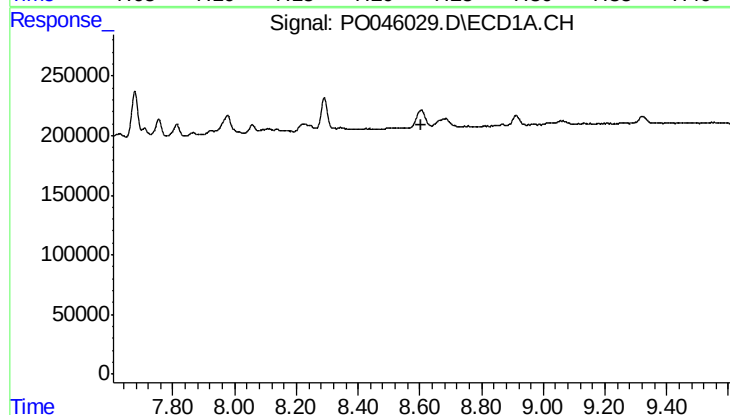
R.T.: 0.000 min  
Exp R.T.: 8.290 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
TP-2-S



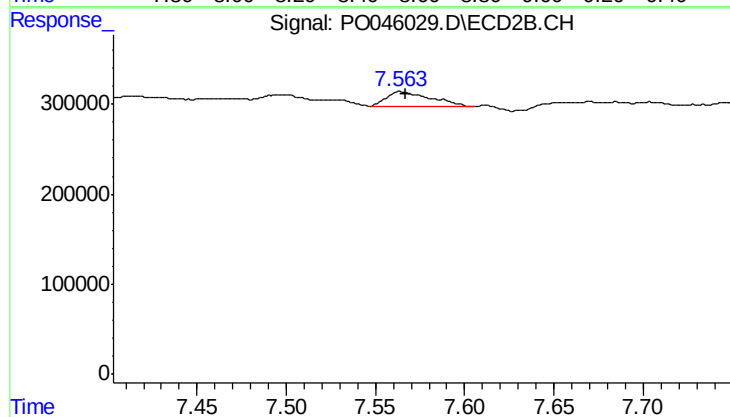
#34 AR-1260-4

R.T.: 7.215 min  
Delta R.T.: -0.005 min  
Response: 258135  
Conc: 11.66 ng/ml



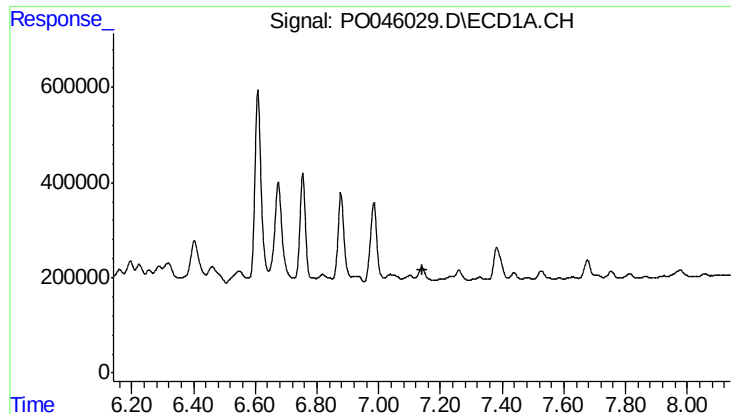
#35 AR-1260-5

R.T.: 0.000 min  
Exp R.T.: 8.607 min  
Response: 0  
Conc: N.D.



#35 AR-1260-5

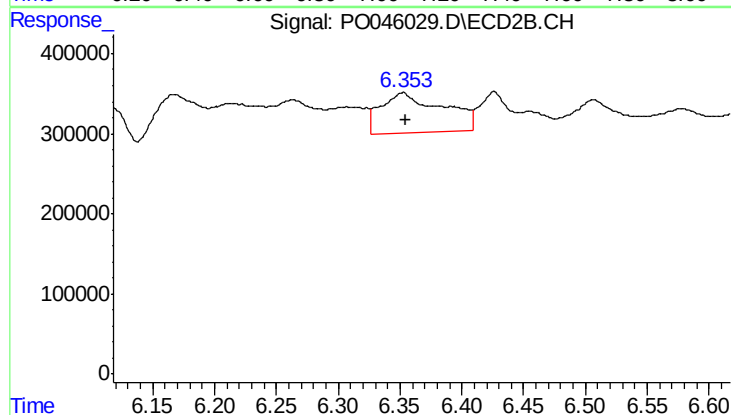
R.T.: 7.564 min  
Delta R.T.: -0.003 min  
Response: 290876  
Conc: 17.97 ng/ml



#36 AR-1262-1

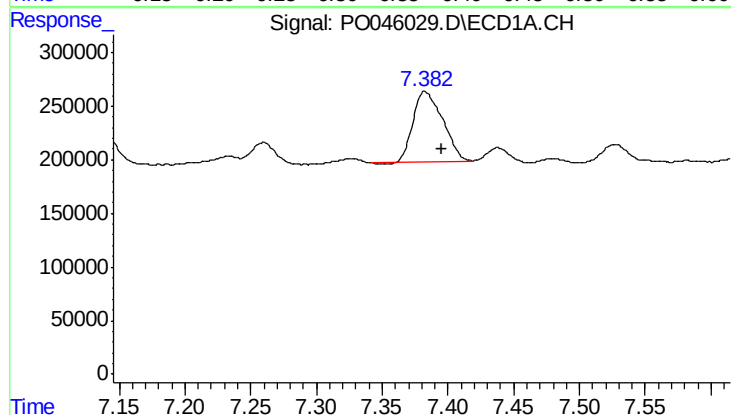
R.T.: 0.000 min  
Exp R.T.: 7.141 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
TP-2-S



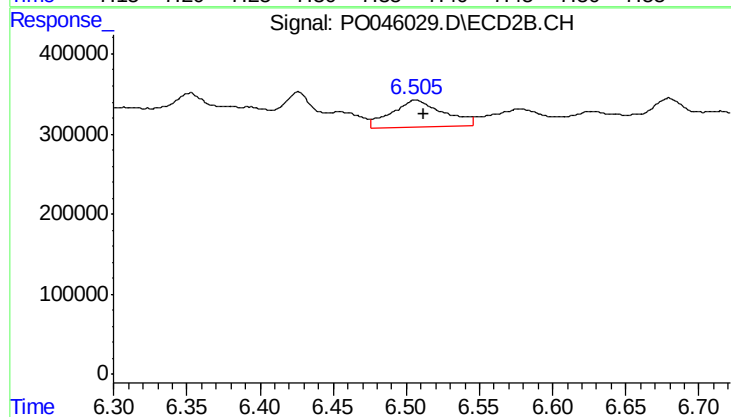
#36 AR-1262-1

R.T.: 6.352 min  
Delta R.T.: -0.003 min  
Response: 1757259  
Conc: 139.67 ng/ml



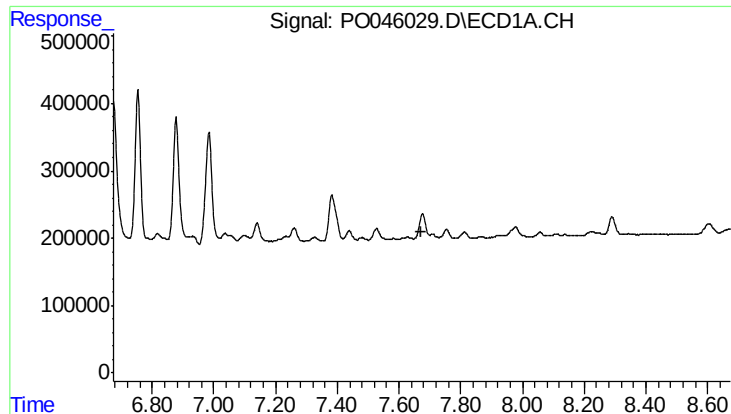
#37 AR-1262-2

R.T.: 7.382 min  
Delta R.T.: -0.013 min  
Response: 1025412  
Conc: 40.06 ng/ml



#37 AR-1262-2

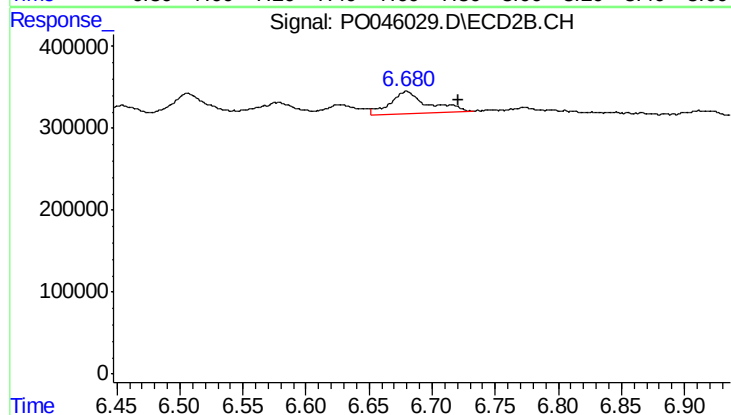
R.T.: 6.506 min  
Delta R.T.: -0.006 min  
Response: 824335  
Conc: 67.21 ng/ml



#38 AR-1262-3

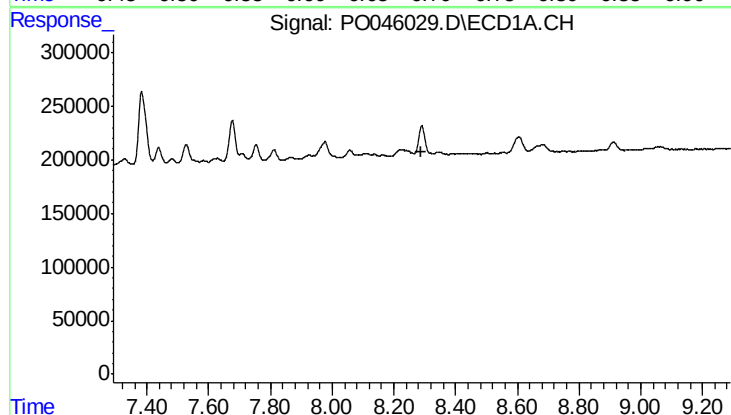
R.T.: 0.000 min  
Exp R.T.: 7.674 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
TP-2-S



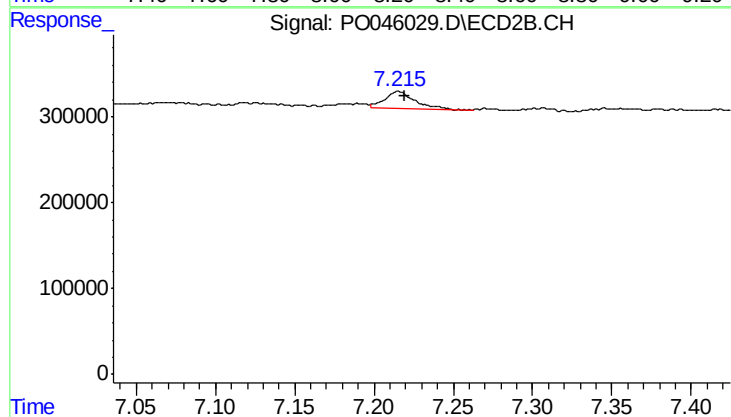
#38 AR-1262-3

R.T.: 6.680 min  
Delta R.T.: -0.042 min  
Response: 565847  
Conc: 33.88 ng/ml



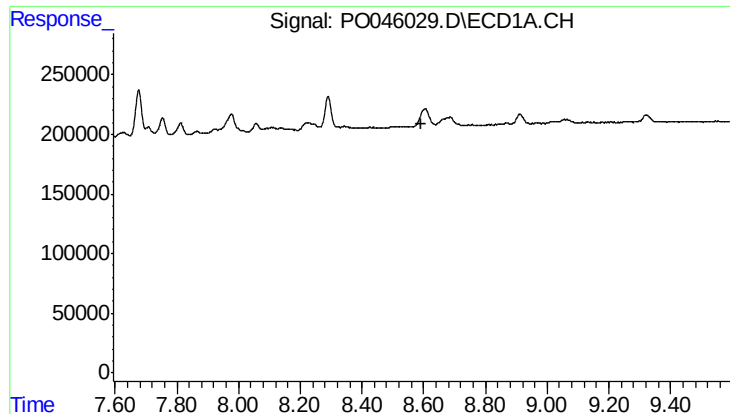
#40 AR-1262-5

R.T.: 0.000 min  
Exp R.T.: 8.291 min  
Response: 0  
Conc: N.D.



#40 AR-1262-5

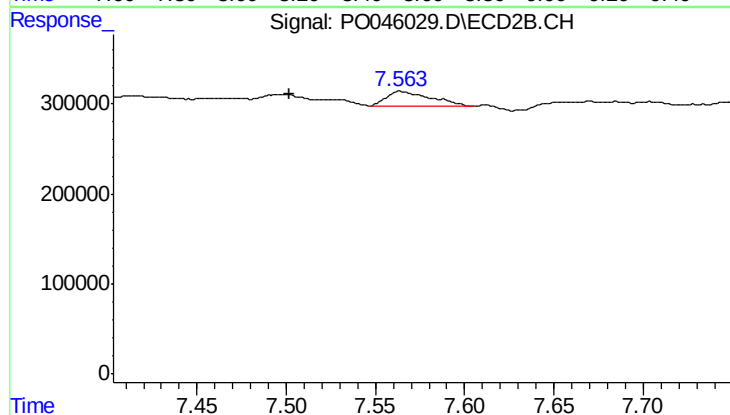
R.T.: 7.215 min  
Delta R.T.: -0.003 min  
Response: 258135  
Conc: 9.80 ng/ml



#41 AR-1268-1

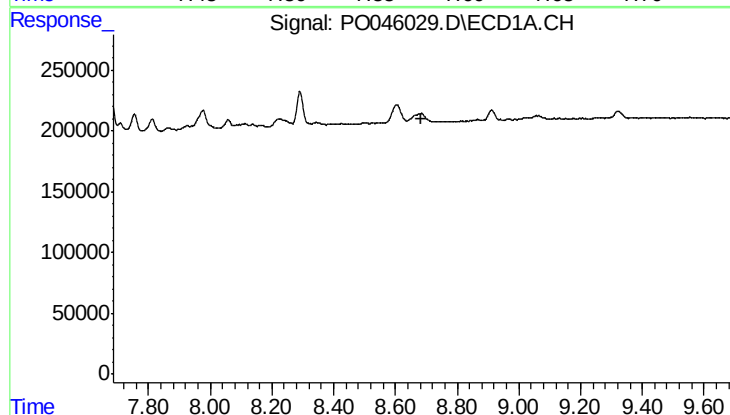
R.T.: 0.000 min  
Exp R.T.: 8.594 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
TP-2-S



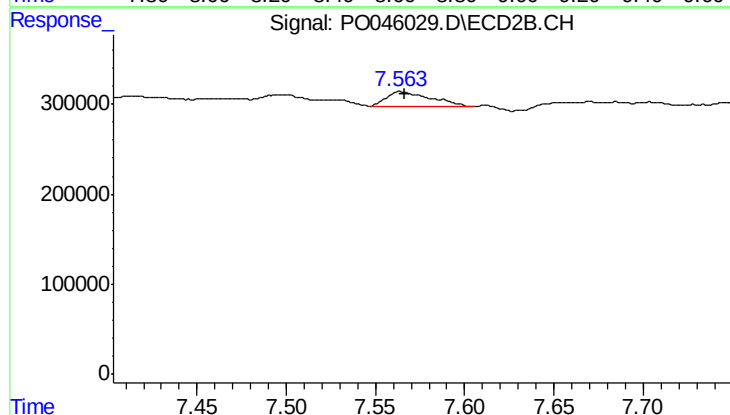
#41 AR-1268-1

R.T.: 7.564 min  
Delta R.T.: 0.062 min  
Response: 290876  
Conc: 11.53 ng/ml



#42 AR-1268-2

R.T.: 0.000 min  
Exp R.T.: 8.686 min  
Response: 0  
Conc: N.D.



#42 AR-1268-2

R.T.: 7.564 min  
Delta R.T.: -0.002 min  
Response: 290876  
Conc: 12.09 ng/ml