

Data Path : P:\HPCHEM1\ECD 0\Data\P0032818\  
 Data File : P0043357.D  
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
 Acq On : 28 Mar 2018 15:04  
 Operator : SM/UA  
 Sample : J1758-07  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 ECD\_O  
 ClientSampleId :  
 PL-02-032318-D

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Mar 28 15:40:34 2018  
 Quant Method : P:\HPCHEM1\ECD\_0\methods\P0032318.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Fri Mar 23 05:22:35 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...          | 4.080 | 3.327 | 4266518 | 4985426 | 20.135  | 17.033    |
| 2) SA Decachlor...          | 9.435 | 8.098 | 3611029 | 3975649 | 14.868  | 11.117 #  |
| Target Compounds            |       |       |         |         |         |           |
| 3) L1 AR-1016-1             | 4.914 | 0.000 | 3077508 | 0       | 540.850 | N.D. #    |
| 4) L1 AR-1016-2             | 5.271 | 4.590 | 111477  | 2187519 | 12.846  | 302.110 # |
| 5) L1 AR-1016-3             | 5.388 | 4.633 | -212981 | 2417169 | N.D.    | 269.721 # |
| 6) L1 AR-1016-4             | 5.815 | 4.773 | 3524386 | 368716  | 494.218 | 38.018 #  |
| 7) L1 AR-1016-5             | 6.092 | 5.190 | 514125  | 2979239 | 78.144  | 293.674 # |
| 8) L2 AR-1221-1             | 4.250 | 0.000 | 228511  | 0       | 69.317  | N.D. #    |
| 9) L2 AR-1221-2             | 4.330 | 0.000 | 198336  | 0       | 82.134  | N.D. #    |
| 12) L3 AR-1232-2            | 5.214 | 4.372 | 575506  | 1099201 | 177.895 | 96.349 #  |
| 13) L3 AR-1232-3            | 5.214 | 4.426 | 575506  | 1437591 | 112.096 | 306.280 # |
| 14) L3 AR-1232-4            | 5.271 | 4.530 | 111477  | 2348079 | 33.912  | 670.093 # |
| 15) L3 AR-1232-5            | 5.388 | 4.590 | -212981 | 2187519 | N.D.    | 893.611 # |
| 17) L4 AR-1242-2            | 5.214 | 4.372 | 575506  | 1099201 | 69.335  | 58.728    |
| 18) L4 AR-1242-3            | 5.388 | 4.530 | -212981 | 2348079 | N.D.    | 409.243 # |
| 19) L4 AR-1242-4            | 5.654 | 4.633 | 501894  | 2417169 | 120.328 | 423.065 # |
| 20) L4 AR-1242-5            | 5.815 | 4.773 | 3524386 | 368716  | 745.887 | 59.370 #  |
| 21) L5 AR-1248-1            | 5.654 | 4.773 | 501894  | 368716  | 66.614  | 32.558 #  |
| 22) L5 AR-1248-2            | 5.815 | 0.000 | 3524386 | 0       | 528.966 | N.D. #    |
| 23) L5 AR-1248-3            | 6.092 | 5.190 | 514125  | 2979239 | 55.958  | 170.741 # |
| 24) L5 AR-1248-4            | 6.092 | 5.190 | 514125  | 2979239 | 55.662  | 209.235 # |
| 25) L5 AR-1248-5            | 6.304 | 5.665 | 854228  | 2520825 | 135.696 | 308.867 # |
| 26) L6 AR-1254-1            | 6.240 | 5.190 | 622651  | 2979239 | 39.106  | 138.707 # |
| 27) L6 AR-1254-2            | 6.503 | 5.316 | 1238986 | 1652705 | 120.126 | 85.777 #  |
| 28) L6 AR-1254-3            | 6.603 | 5.665 | 627255  | 2520825 | 34.789  | 78.684 #  |
| 29) L6 AR-1254-4            | 6.869 | 0.000 | 443315  | 0       | 29.782  | N.D. #    |
| 30) L6 AR-1254-5            | 7.136 | 0.000 | 445367  | 0       | 40.882  | N.D. #    |
| 31) L7 AR-1260-1            | 6.755 | 0.000 | 345793  | 0       | 24.604  | N.D. #    |
| 32) L7 AR-1260-2            | 7.001 | 5.960 | 138672  | 1207611 | 7.637   | 37.365 #  |
| 33) L7 AR-1260-3            | 7.286 | 6.051 | 480514  | 448978  | 23.643  | 17.109 #  |
| 34) L7 AR-1260-4            | 7.366 | 0.000 | 269753  | 0       | 36.796  | N.D. #    |
| 35) L7 AR-1260-5            | 7.885 | 0.000 | 74750   | 0       | 2.454   | N.D. #    |
| 36) L8 AR-1262-1            | 6.755 | 5.960 | 345793  | 1207611 | 32.533  | 52.604 #  |
| 37) L8 AR-1262-2            | 7.001 | 6.051 | 138672  | 448978  | 10.295  | 21.473 #  |
| 38) L8 AR-1262-3            | 7.286 | 0.000 | 480514  | 0       | 38.520  | N.D. #    |
| 39) L8 AR-1262-4            | 7.577 | 0.000 | 99715   | 0       | 5.964   | N.D. #    |
| 40) L8 AR-1262-5            | 7.885 | 0.000 | 74750   | 0       | 2.197   | N.D. #    |
| -----                       |       |       |         |         |         |           |

Data Path : P:\HPCHEM1\ECD 0\Data\P0032818\  
Data File : P0043357.D  
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
Acq On : 28 Mar 2018 15:04  
Operator : SM/UA  
Sample : J1758-07  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
ECD\_O  
ClientSampleId :  
PL-02-032318-D

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Mar 28 15:40:34 2018  
Quant Method : P:\HPCHEM1\ECD\_0\methods\P0032318.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Fri Mar 23 05:22:35 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 |
|----------|------|------|--------|--------|-------|-------|
|----------|------|------|--------|--------|-------|-------|

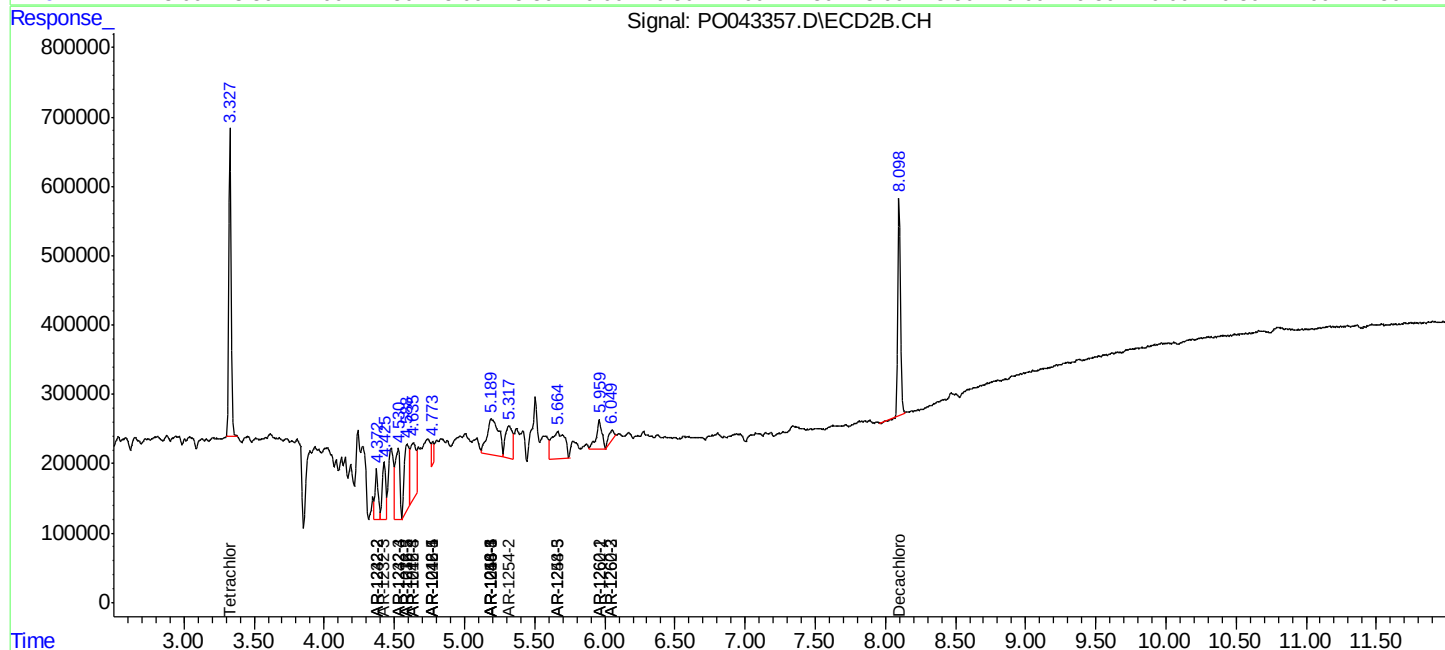
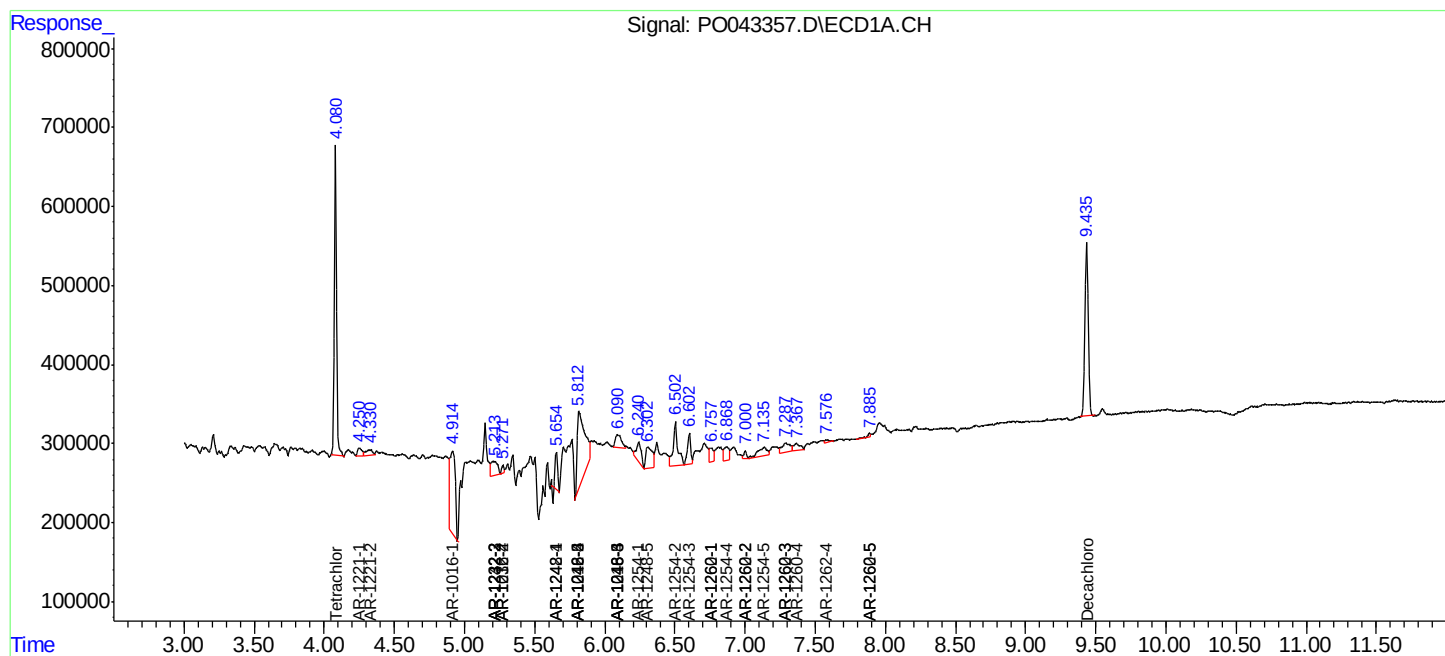
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

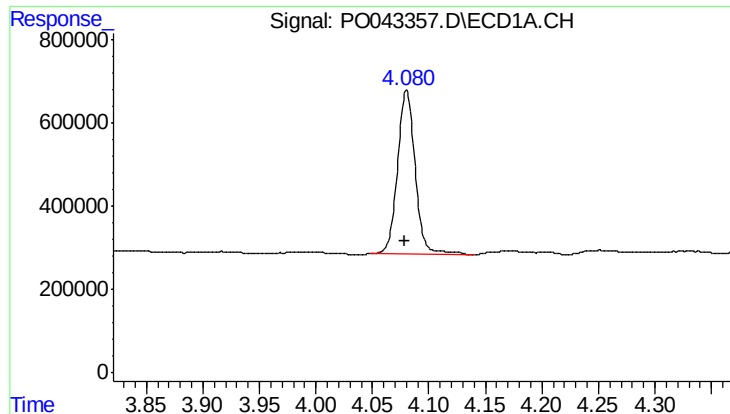
Data Path : P:\HPCHEM1\ECD 0\Data\PO032818\  
Data File : PO043357.D  
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
Acq On : 28 Mar 2018 15:04  
Operator : SM/UA  
Sample : J1758-07  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
ECD\_O  
ClientSampleId :  
PL-02-032318-D

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Mar 28 15:40:34 2018  
Quant Method : P:\HPCHEM1\ECD\_0\methods\PO032318.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Fri Mar 23 05:22:35 2018  
Response via : Initial Calibration  
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Ini. : 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

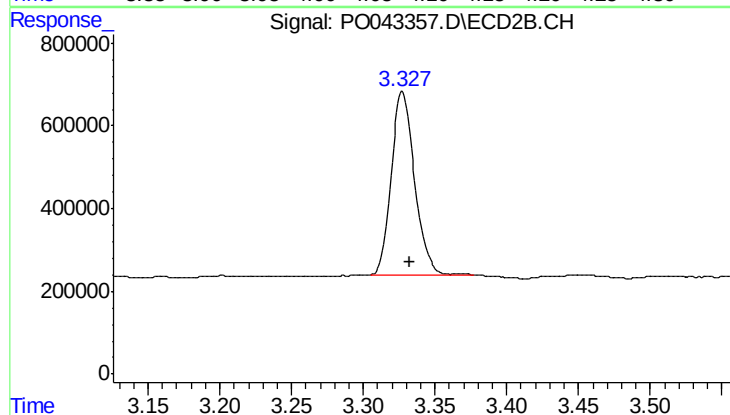




#1 Tetrachloro-m-xylene

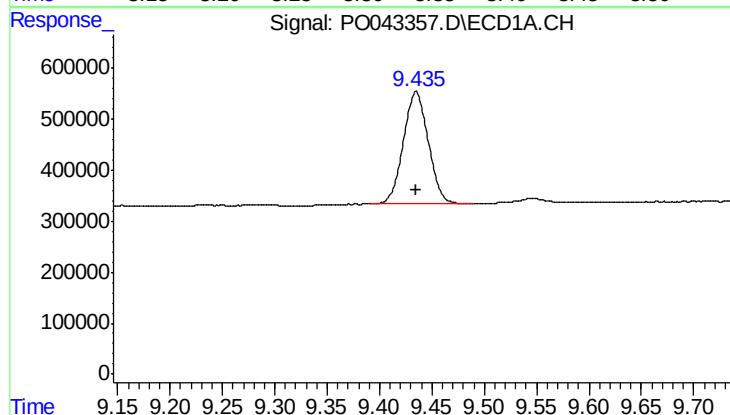
R.T.: 4.080 min  
Delta R.T.: 0.002 min  
Response: 4266518  
Conc: 20.13 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
PL-02-032318-D



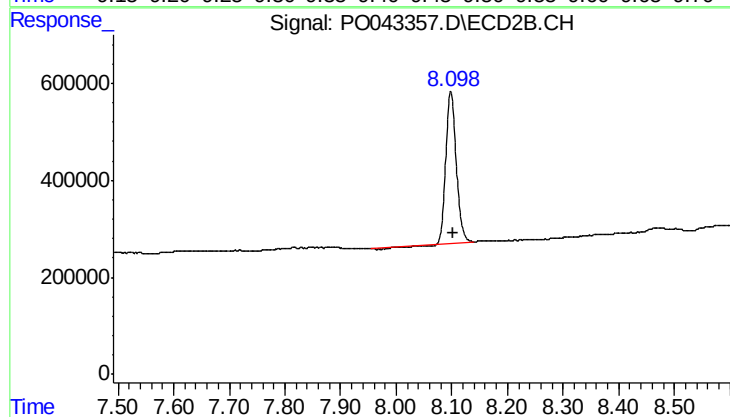
#1 Tetrachloro-m-xylene

R.T.: 3.327 min  
Delta R.T.: -0.005 min  
Response: 4985426  
Conc: 17.03 ng/ml



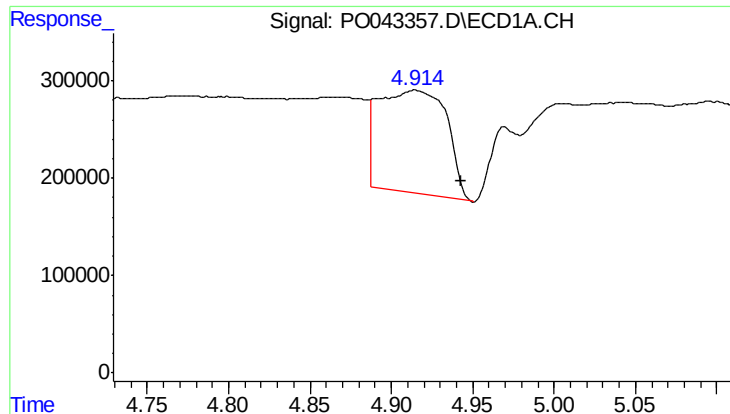
#2 Decachlorobiphenyl

R.T.: 9.435 min  
Delta R.T.: 0.000 min  
Response: 3611029  
Conc: 14.87 ng/ml



#2 Decachlorobiphenyl

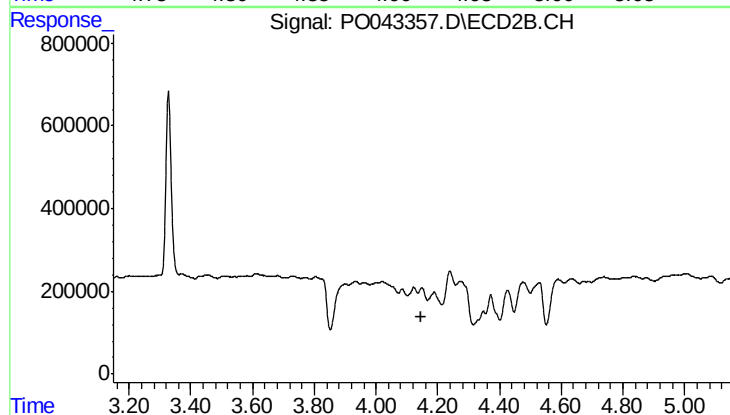
R.T.: 8.098 min  
Delta R.T.: -0.004 min  
Response: 3975649  
Conc: 11.12 ng/ml



#3 AR-1016-1

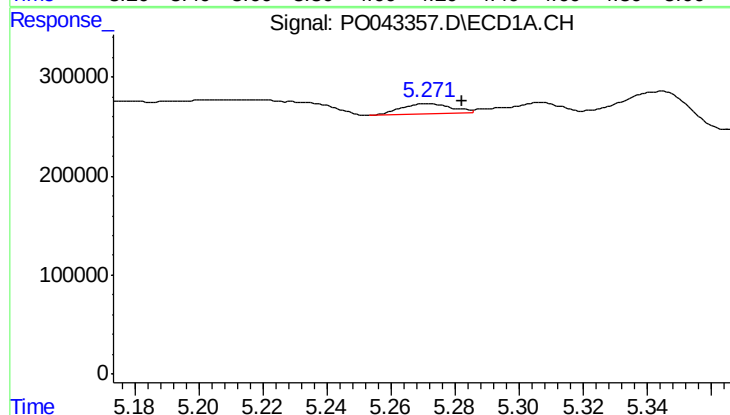
R.T.: 4.914 min  
Delta R.T.: -0.028 min  
Response: 3077508  
Conc: 540.85 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
PL-02-032318-D



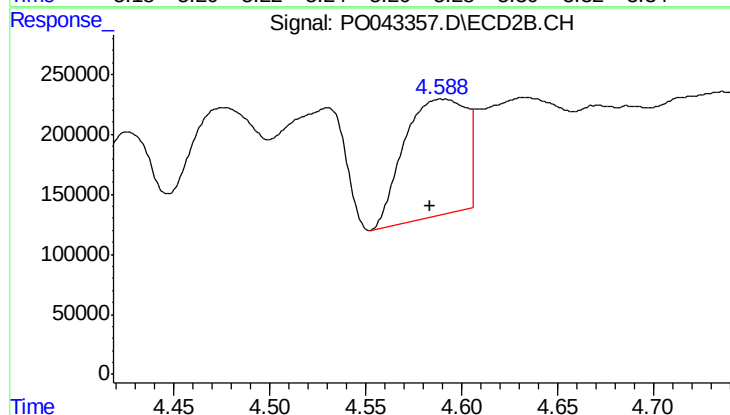
#3 AR-1016-1

R.T.: 0.000 min  
Exp R.T.: 4.149 min  
Response: 0  
Conc: N.D.



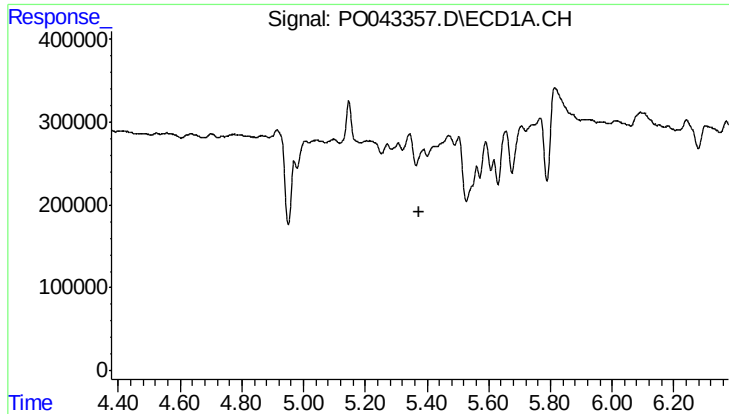
#4 AR-1016-2

R.T.: 5.271 min  
Delta R.T.: -0.011 min  
Response: 111477  
Conc: 12.85 ng/ml



#4 AR-1016-2

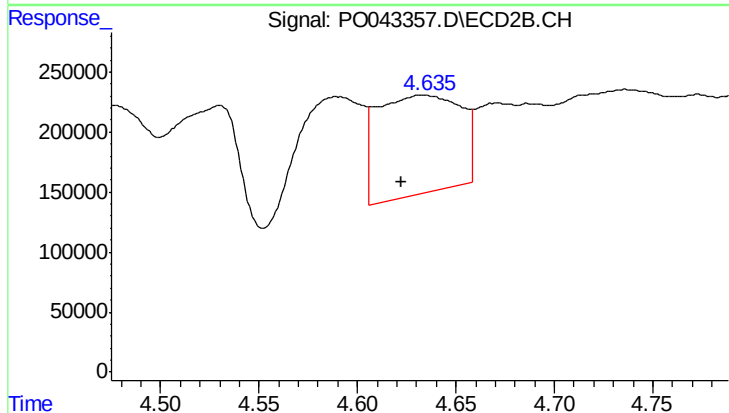
R.T.: 4.590 min  
Delta R.T.: 0.006 min  
Response: 2187519  
Conc: 302.11 ng/ml



#5 AR-1016-3

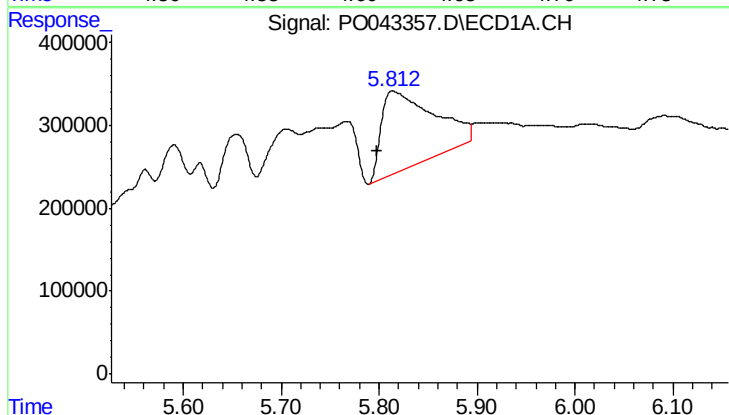
R.T.: 5.388 min  
Delta R.T.: 0.011 min  
Response: -212981  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
PL-02-032318-D



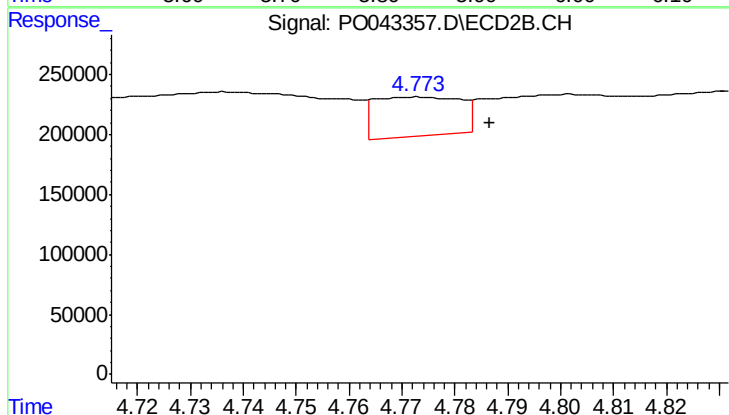
#5 AR-1016-3

R.T.: 4.633 min  
Delta R.T.: 0.011 min  
Response: 2417169  
Conc: 269.72 ng/ml



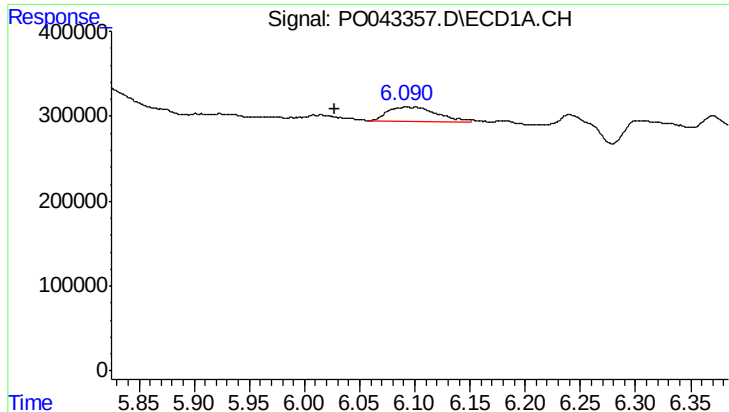
#6 AR-1016-4

R.T.: 5.815 min  
Delta R.T.: 0.017 min  
Response: 3524386  
Conc: 494.22 ng/ml



#6 AR-1016-4

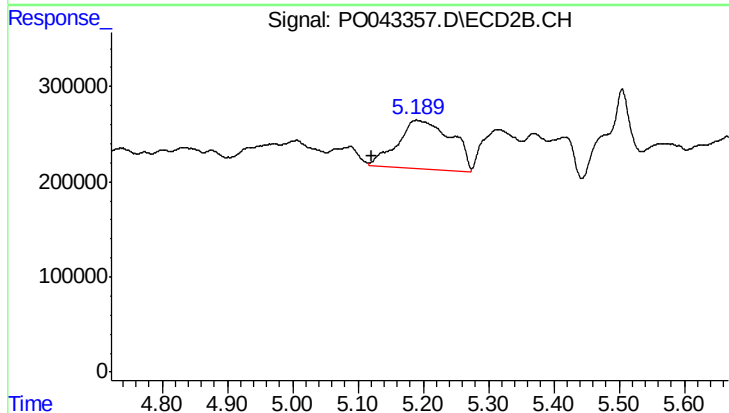
R.T.: 4.773 min  
Delta R.T.: -0.014 min  
Response: 368716  
Conc: 38.02 ng/ml



#7 AR-1016-5

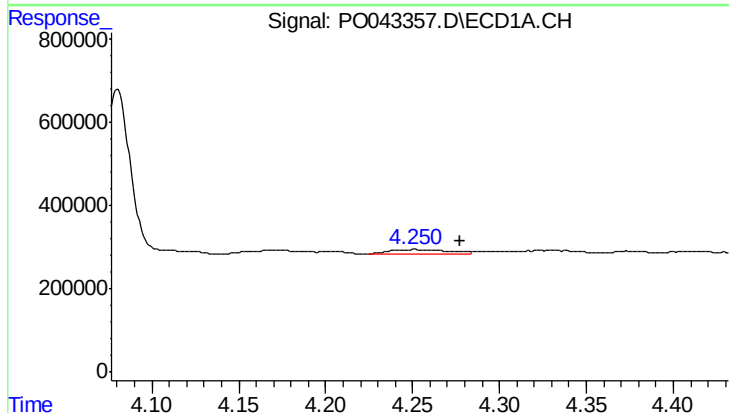
R.T.: 6.092 min  
Delta R.T.: 0.065 min  
Response: 514125  
Conc: 78.14 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
PL-02-032318-D



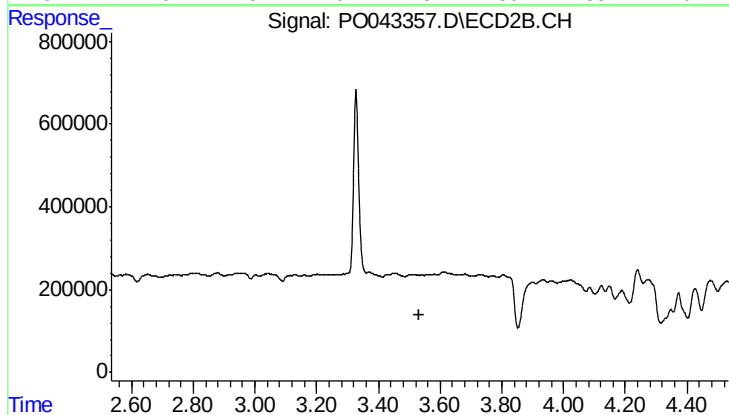
#7 AR-1016-5

R.T.: 5.190 min  
Delta R.T.: 0.068 min  
Response: 2979239  
Conc: 293.67 ng/ml



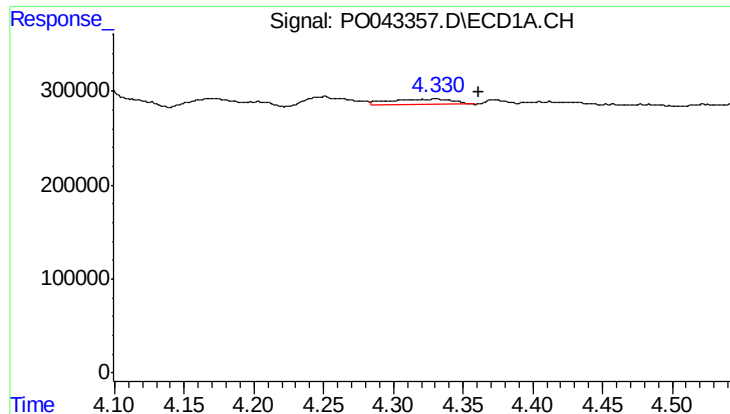
#8 AR-1221-1

R.T.: 4.250 min  
Delta R.T.: -0.027 min  
Response: 228511  
Conc: 69.32 ng/ml



#8 AR-1221-1

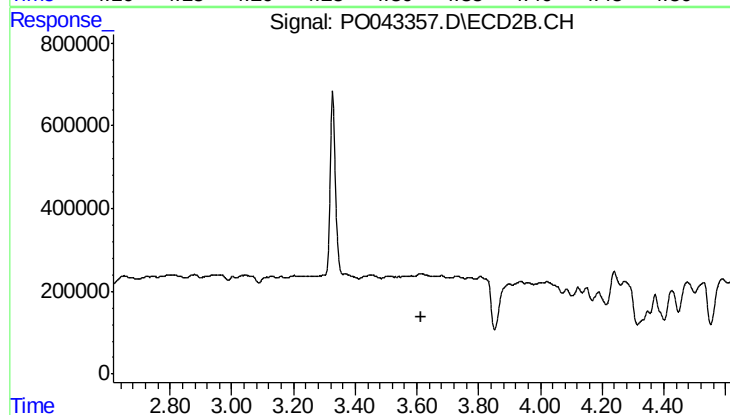
R.T.: 0.000 min  
Exp R.T.: 3.535 min  
Response: 0  
Conc: N.D.



#9 AR-1221-2

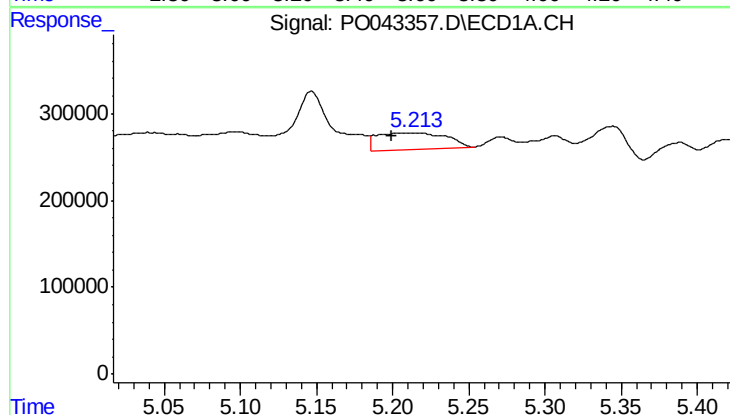
R.T.: 4.330 min  
Delta R.T.: -0.031 min  
Response: 198336  
Conc: 82.13 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
PL-02-032318-D



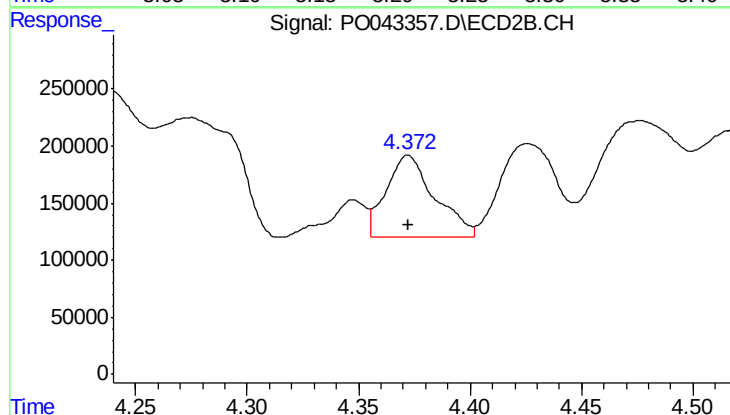
#9 AR-1221-2

R.T.: 0.000 min  
Exp R.T.: 3.616 min  
Response: 0  
Conc: N.D.



#12 AR-1232-2

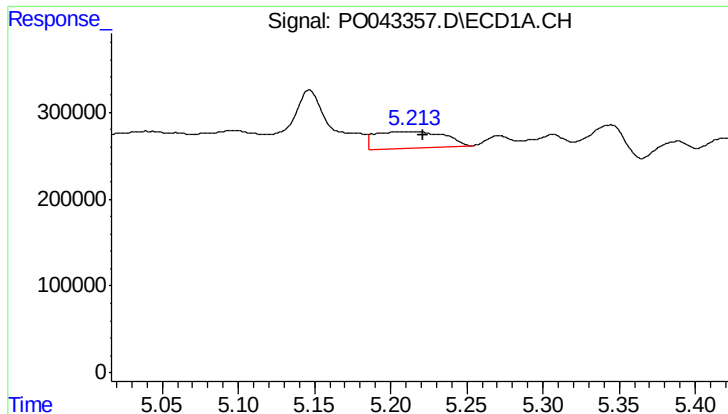
R.T.: 5.214 min  
Delta R.T.: 0.015 min  
Response: 575506  
Conc: 177.90 ng/ml



#12 AR-1232-2

R.T.: 4.372 min  
Delta R.T.: 0.000 min  
Response: 1099201  
Conc: 96.35 ng/ml

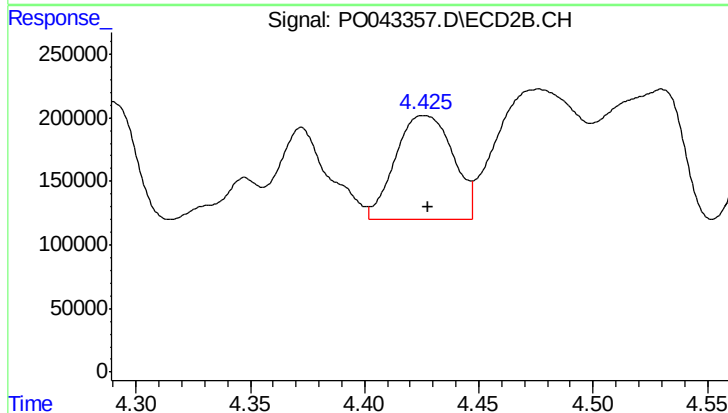




#13 AR-1232-3

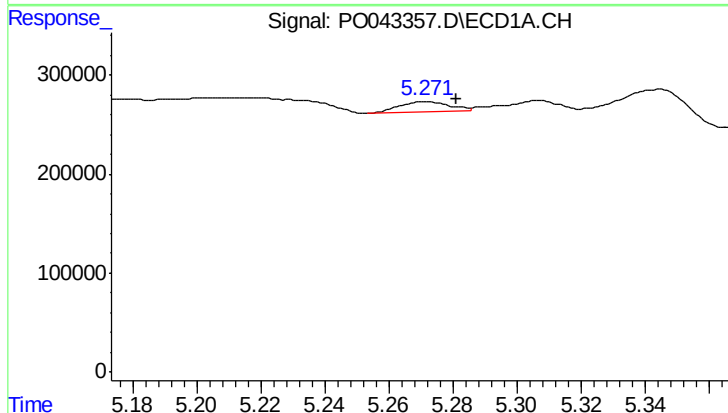
R.T.: 5.214 min  
Delta R.T.: -0.006 min  
Response: 575506  
Conc: 112.10 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
PL-02-032318-D



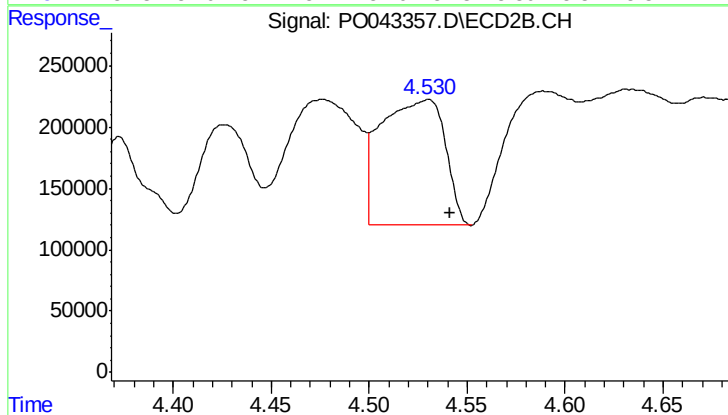
#13 AR-1232-3

R.T.: 4.426 min  
Delta R.T.: -0.002 min  
Response: 1437591  
Conc: 306.28 ng/ml



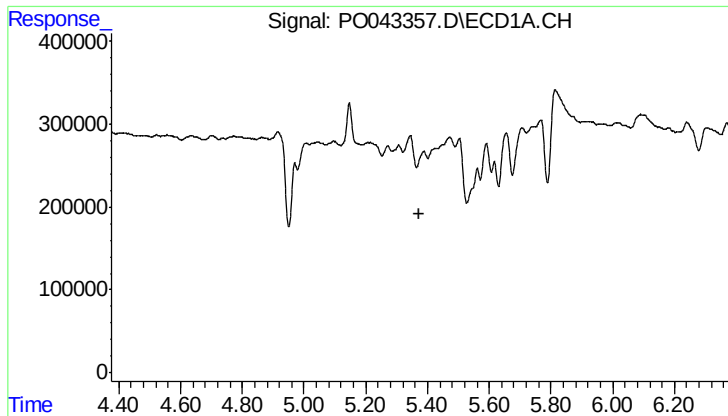
#14 AR-1232-4

R.T.: 5.271 min  
Delta R.T.: -0.010 min  
Response: 111477  
Conc: 33.91 ng/ml



#14 AR-1232-4

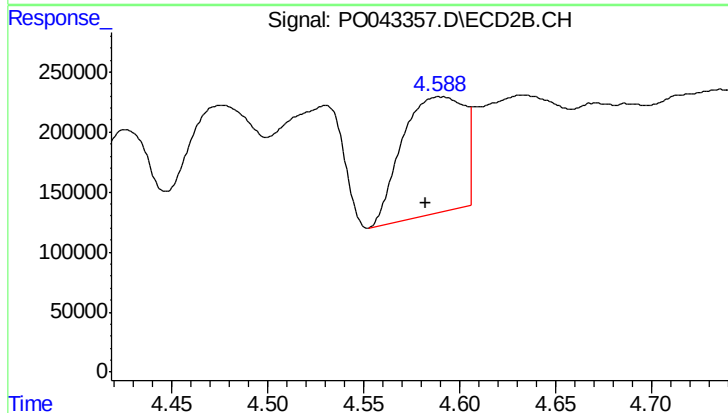
R.T.: 4.530 min  
Delta R.T.: -0.011 min  
Response: 2348079  
Conc: 670.09 ng/ml



#15 AR-1232-5

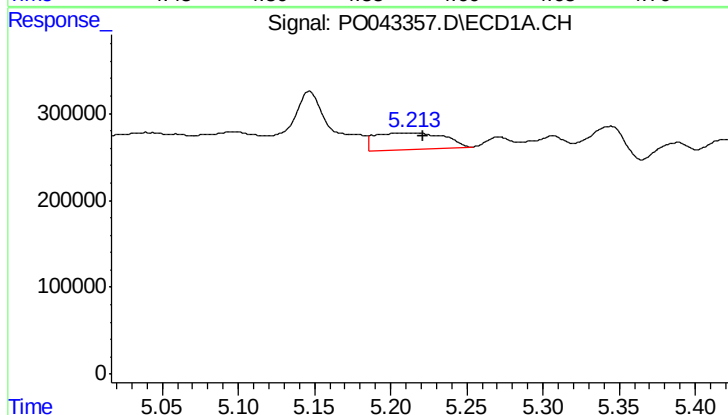
R.T.: 5.388 min  
Delta R.T.: 0.013 min  
Response: -212981  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
PL-02-032318-D



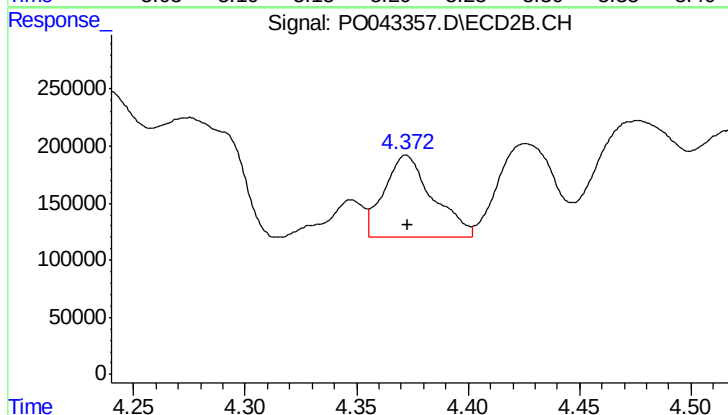
#15 AR-1232-5

R.T.: 4.590 min  
Delta R.T.: 0.007 min  
Response: 2187519  
Conc: 893.61 ng/ml



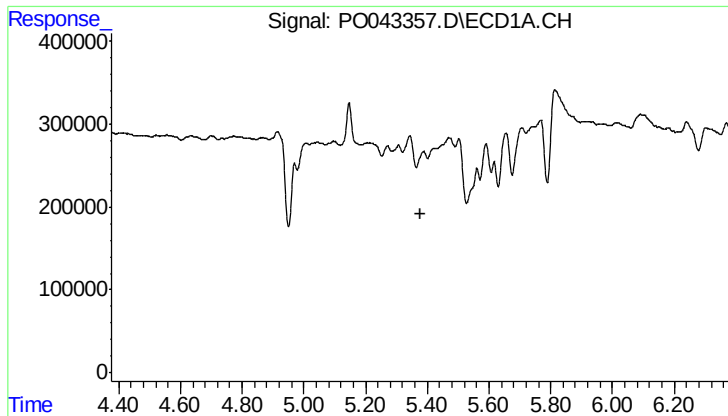
#17 AR-1242-2

R.T.: 5.214 min  
Delta R.T.: -0.006 min  
Response: 575506  
Conc: 69.33 ng/ml



#17 AR-1242-2

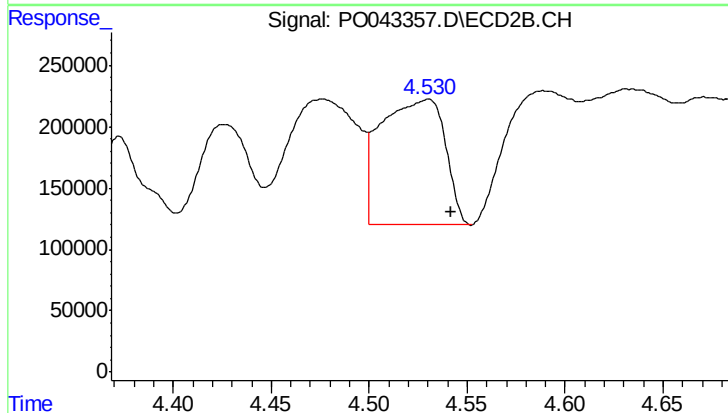
R.T.: 4.372 min  
Delta R.T.: 0.000 min  
Response: 1099201  
Conc: 58.73 ng/ml



#18 AR-1242-3

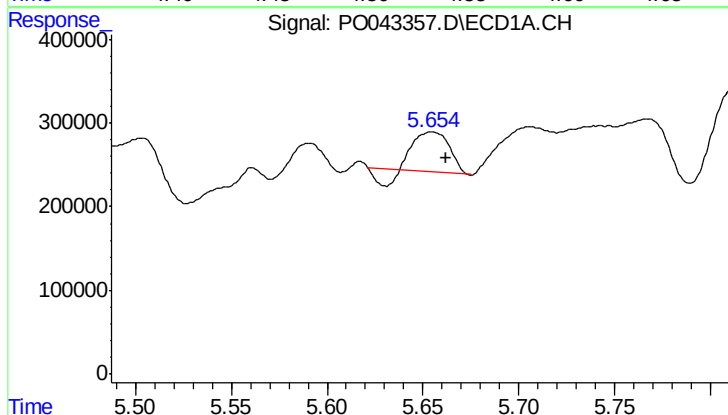
R.T.: 5.388 min  
Delta R.T.: 0.012 min  
Response: -212981  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
PL-02-032318-D



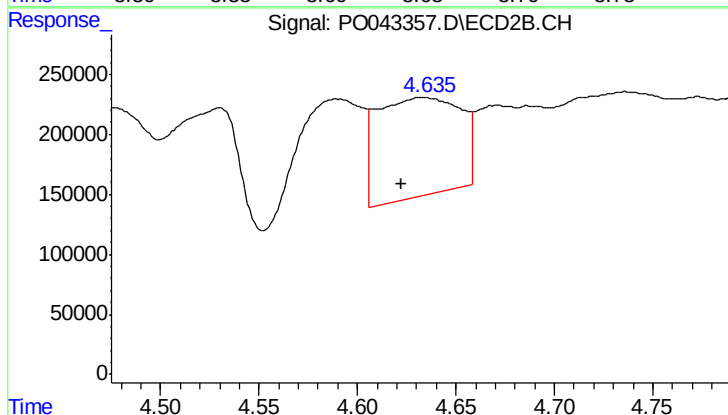
#18 AR-1242-3

R.T.: 4.530 min  
Delta R.T.: -0.012 min  
Response: 2348079  
Conc: 409.24 ng/ml



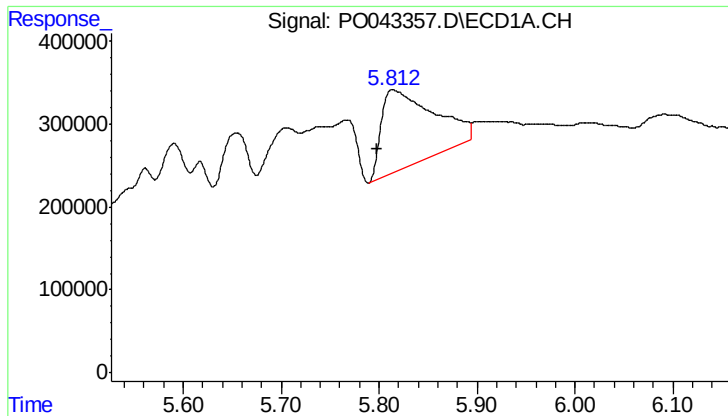
#19 AR-1242-4

R.T.: 5.654 min  
Delta R.T.: -0.007 min  
Response: 501894  
Conc: 120.33 ng/ml



#19 AR-1242-4

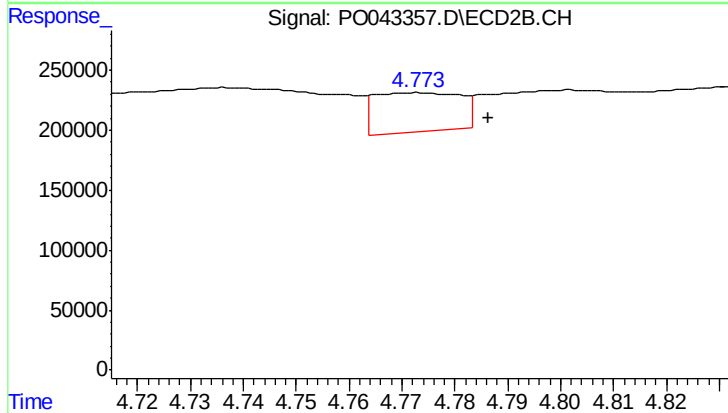
R.T.: 4.633 min  
Delta R.T.: 0.011 min  
Response: 2417169  
Conc: 423.06 ng/ml



#20 AR-1242-5

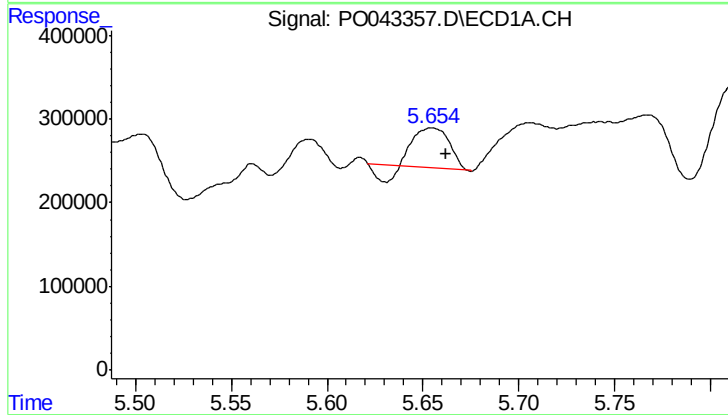
R.T.: 5.815 min  
Delta R.T.: 0.018 min  
Response: 3524386  
Conc: 745.89 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
PL-02-032318-D



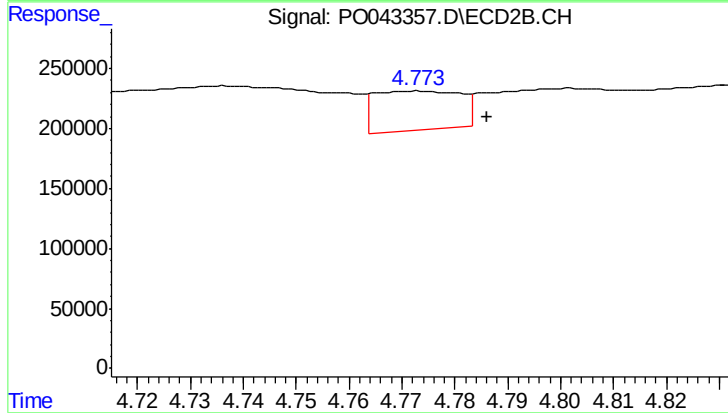
#20 AR-1242-5

R.T.: 4.773 min  
Delta R.T.: -0.014 min  
Response: 368716  
Conc: 59.37 ng/ml



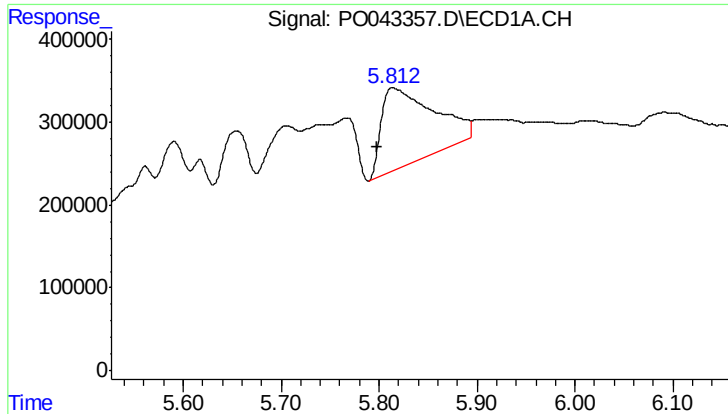
#21 AR-1248-1

R.T.: 5.654 min  
Delta R.T.: -0.008 min  
Response: 501894  
Conc: 66.61 ng/ml



#21 AR-1248-1

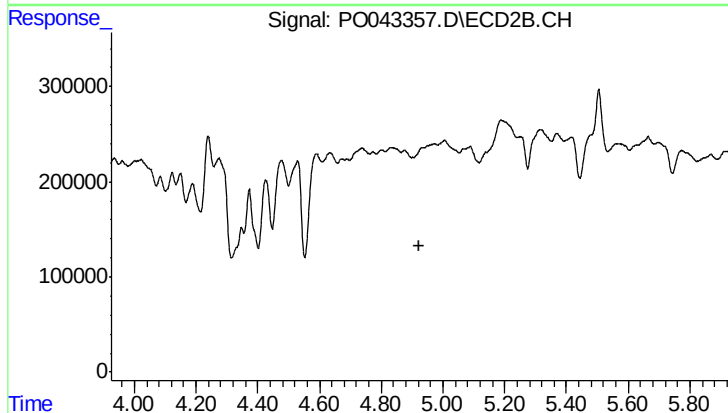
R.T.: 4.773 min  
Delta R.T.: -0.014 min  
Response: 368716  
Conc: 32.56 ng/ml



#22 AR-1248-2

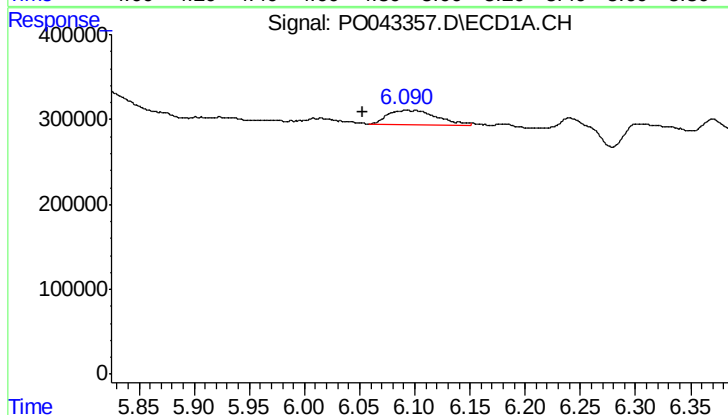
R.T.: 5.815 min  
Delta R.T.: 0.018 min  
Response: 3524386  
Conc: 528.97 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
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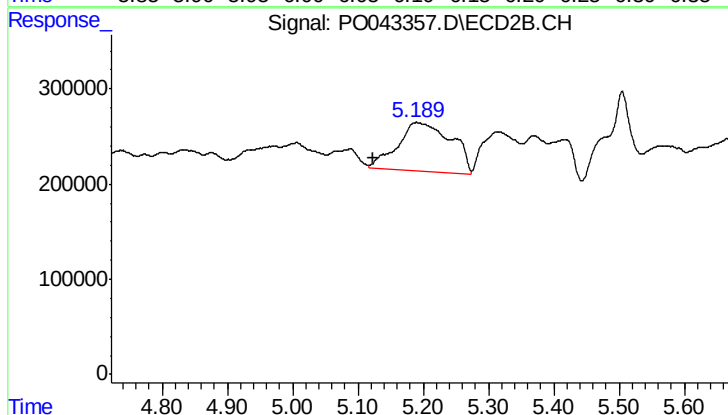
#22 AR-1248-2

R.T.: 0.000 min  
Exp R.T.: 4.925 min  
Response: 0  
Conc: N.D.



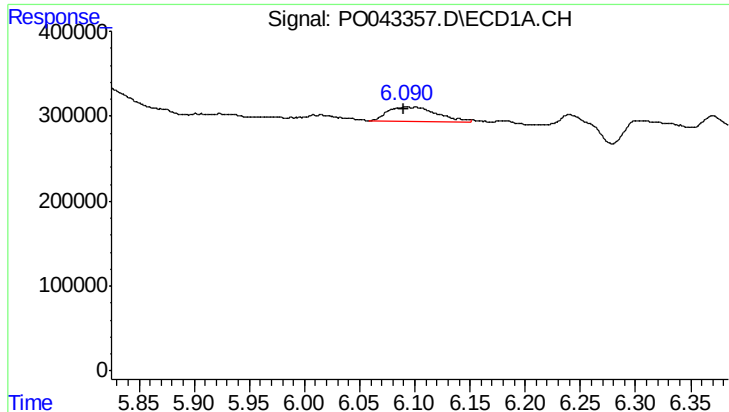
#23 AR-1248-3

R.T.: 6.092 min  
Delta R.T.: 0.039 min  
Response: 514125  
Conc: 55.96 ng/ml



#23 AR-1248-3

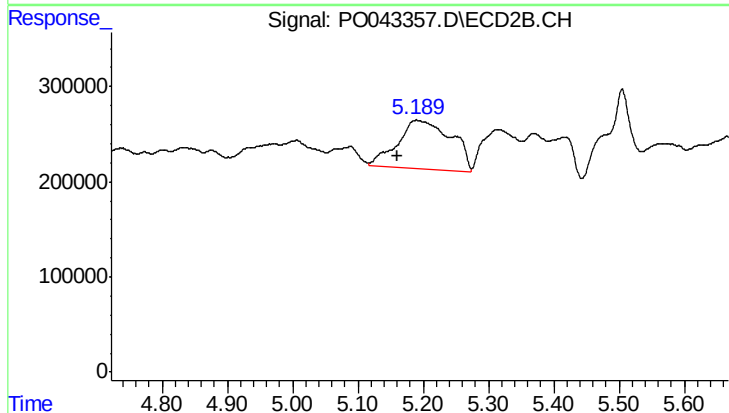
R.T.: 5.190 min  
Delta R.T.: 0.066 min  
Response: 2979239  
Conc: 170.74 ng/ml



#24 AR-1248-4

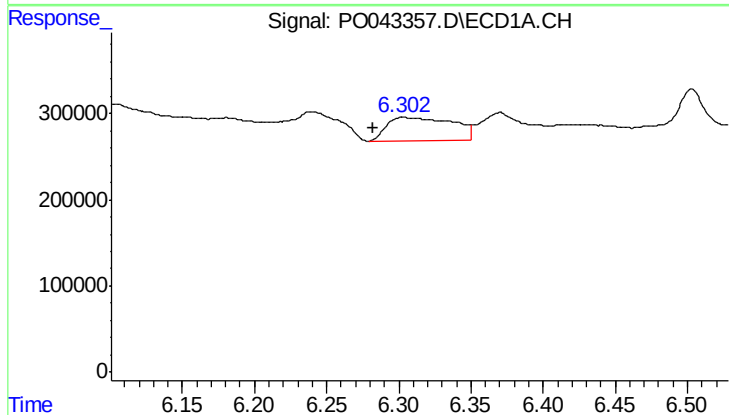
R.T.: 6.092 min  
Delta R.T.: 0.002 min  
Response: 514125  
Conc: 55.66 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
PL-02-032318-D



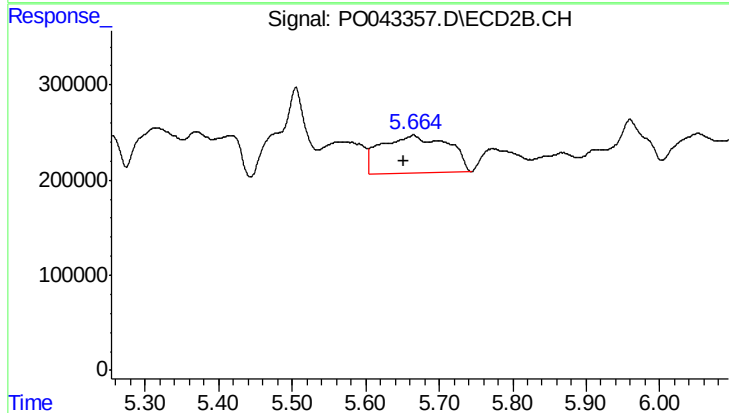
#24 AR-1248-4

R.T.: 5.190 min  
Delta R.T.: 0.028 min  
Response: 2979239  
Conc: 209.24 ng/ml



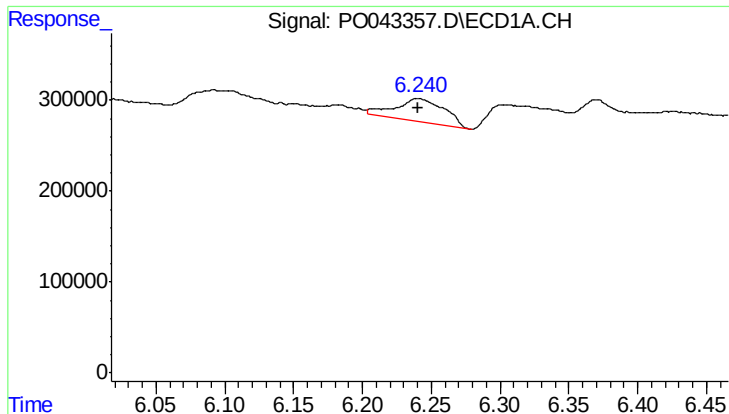
#25 AR-1248-5

R.T.: 6.304 min  
Delta R.T.: 0.022 min  
Response: 854228  
Conc: 135.70 ng/ml



#25 AR-1248-5

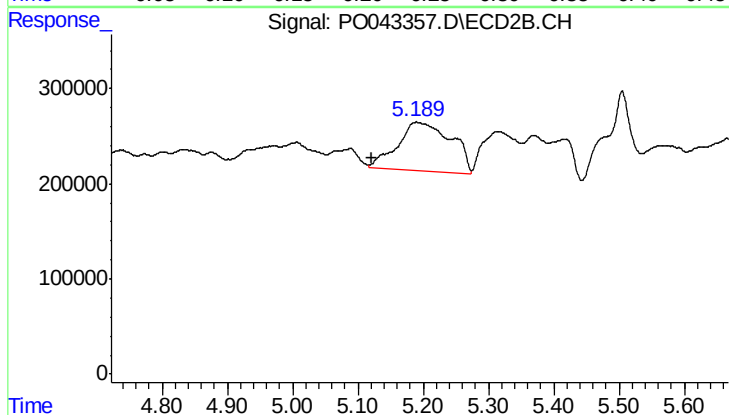
R.T.: 5.665 min  
Delta R.T.: 0.012 min  
Response: 2520825  
Conc: 308.87 ng/ml



#26 AR-1254-1

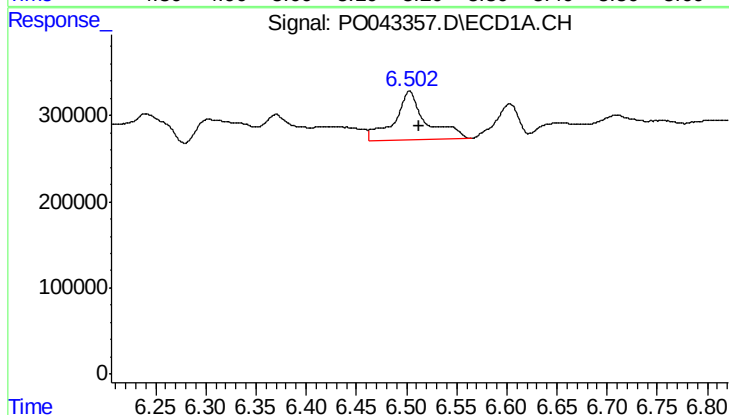
R.T.: 6.240 min  
Delta R.T.: 0.000 min  
Response: 622651  
Conc: 39.11 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
PL-02-032318-D



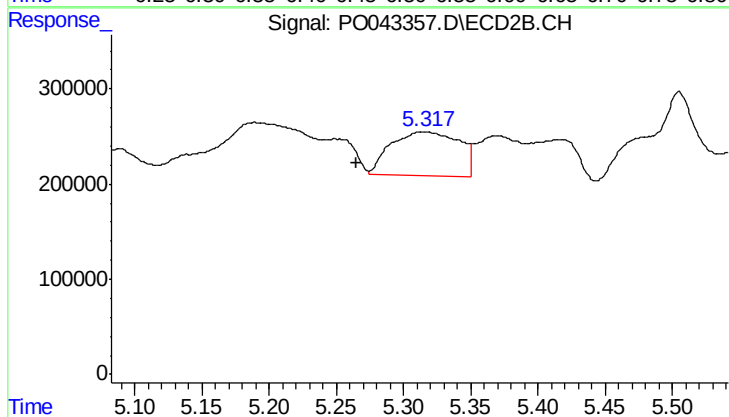
#26 AR-1254-1

R.T.: 5.190 min  
Delta R.T.: 0.068 min  
Response: 2979239  
Conc: 138.71 ng/ml



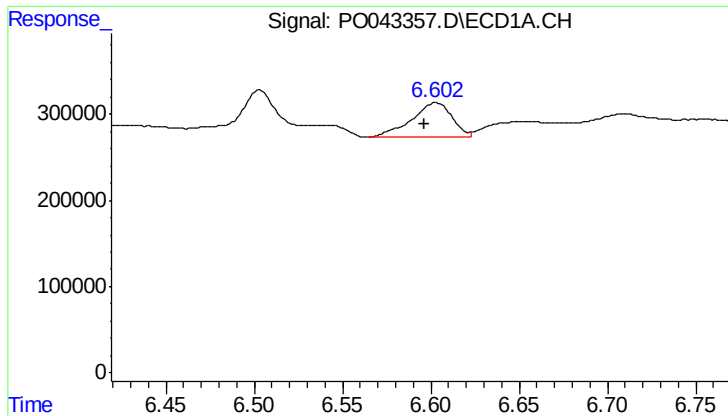
#27 AR-1254-2

R.T.: 6.503 min  
Delta R.T.: -0.010 min  
Response: 1238986  
Conc: 120.13 ng/ml



#27 AR-1254-2

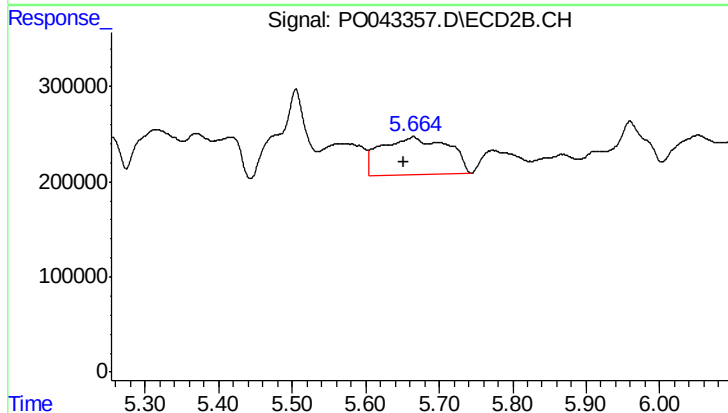
R.T.: 5.316 min  
Delta R.T.: 0.051 min  
Response: 1652705  
Conc: 85.78 ng/ml



#28 AR-1254-3

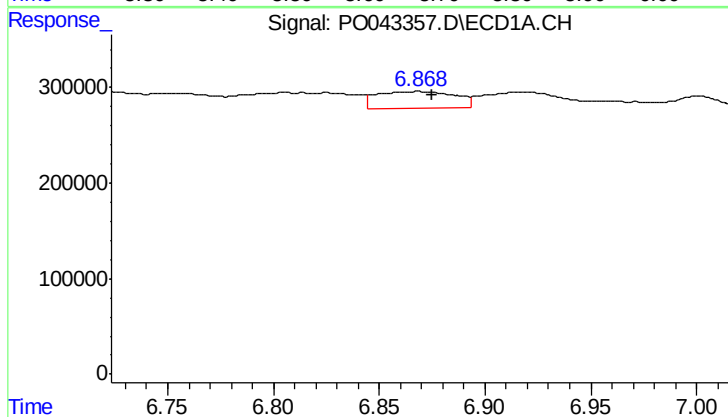
R.T.: 6.603 min  
Delta R.T.: 0.007 min  
Response: 627255  
Conc: 34.79 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
PL-02-032318-D



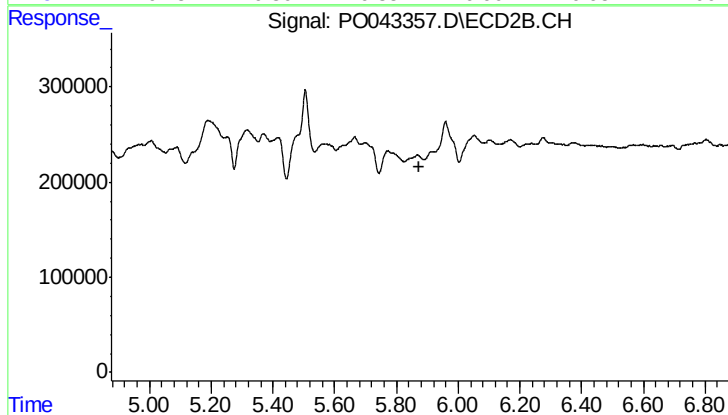
#28 AR-1254-3

R.T.: 5.665 min  
Delta R.T.: 0.013 min  
Response: 2520825  
Conc: 78.68 ng/ml



#29 AR-1254-4

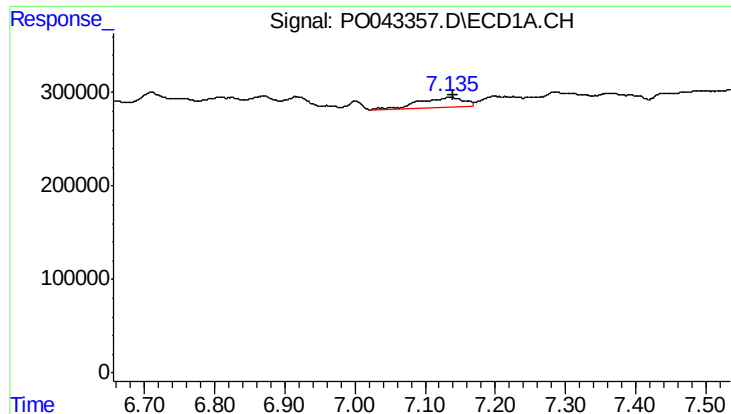
R.T.: 6.869 min  
Delta R.T.: -0.006 min  
Response: 443315  
Conc: 29.78 ng/ml



#29 AR-1254-4

R.T.: 0.000 min  
Exp R.T.: 5.876 min  
Response: 0  
Conc: N.D.

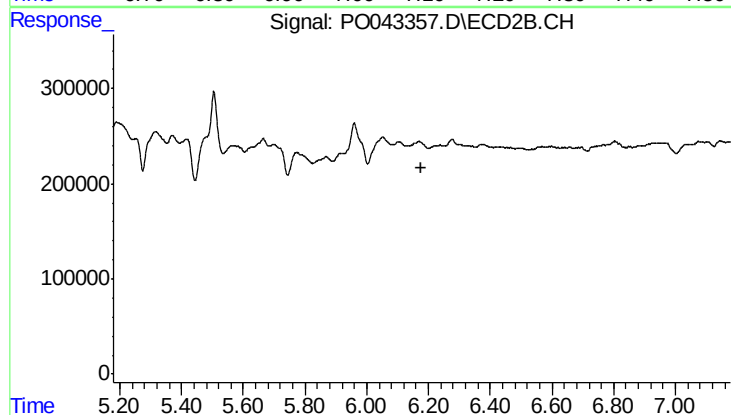




#30 AR-1254-5

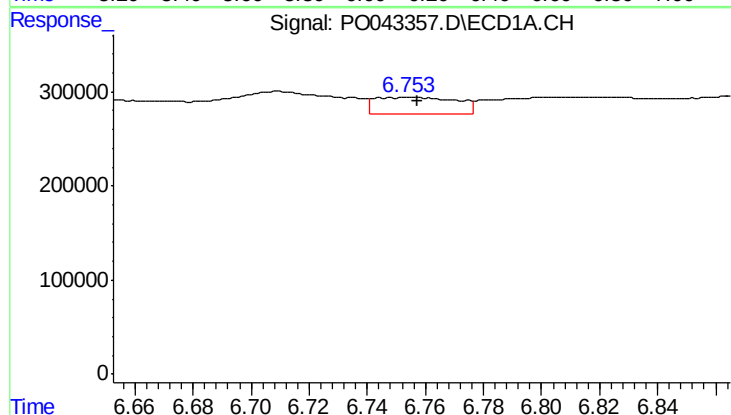
R.T.: 7.136 min  
Delta R.T.: -0.005 min  
Response: 445367  
Conc: 40.88 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
PL-02-032318-D



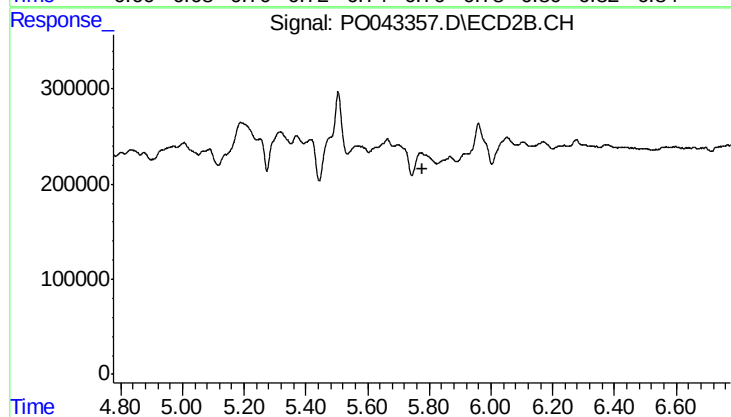
#30 AR-1254-5

R.T.: 0.000 min  
Exp R.T.: 6.179 min  
Response: 0  
Conc: N.D.



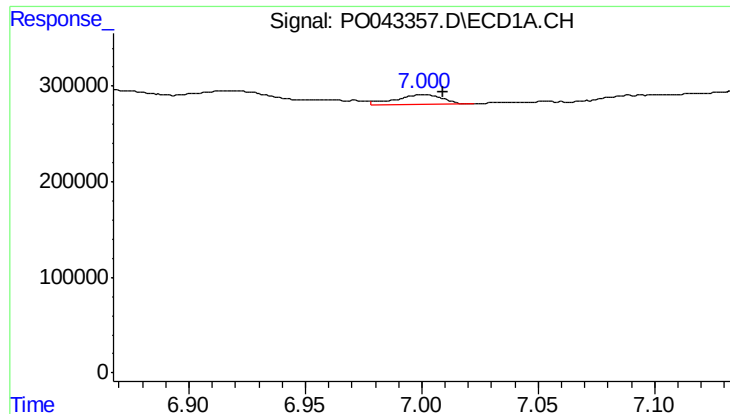
#31 AR-1260-1

R.T.: 6.755 min  
Delta R.T.: -0.002 min  
Response: 345793  
Conc: 24.60 ng/ml



#31 AR-1260-1

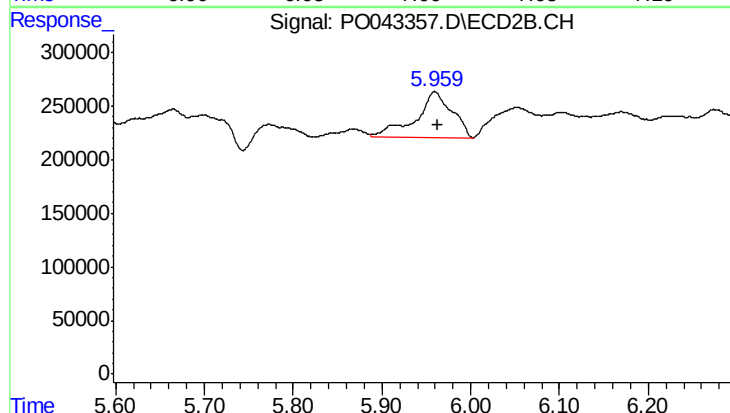
R.T.: 0.000 min  
Exp R.T.: 5.776 min  
Response: 0  
Conc: N.D.



#32 AR-1260-2

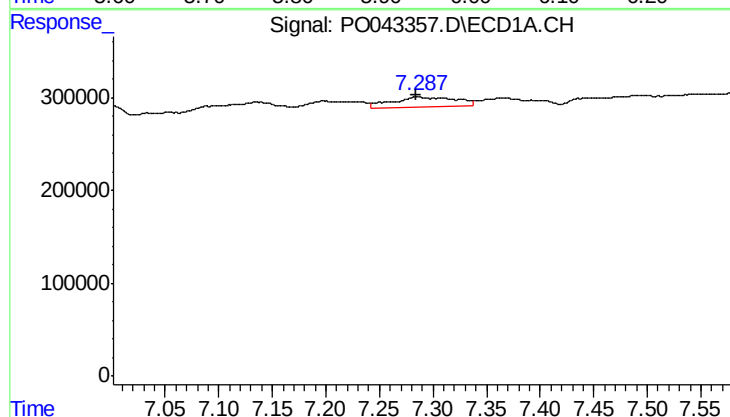
R.T.: 7.001 min  
Delta R.T.: -0.008 min  
Response: 138672  
Conc: 7.64 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
PL-02-032318-D



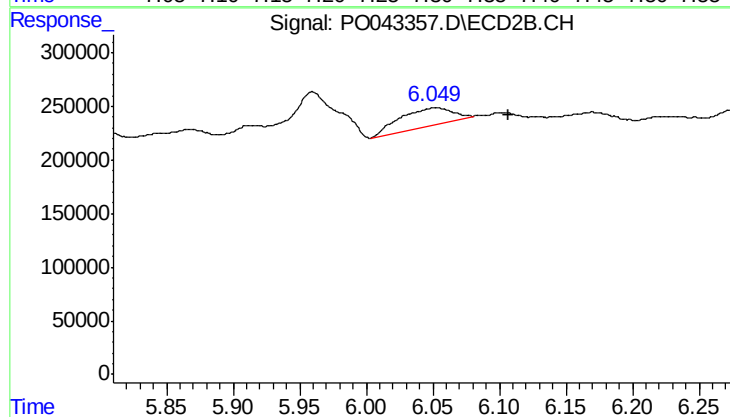
#32 AR-1260-2

R.T.: 5.960 min  
Delta R.T.: -0.003 min  
Response: 1207611  
Conc: 37.36 ng/ml



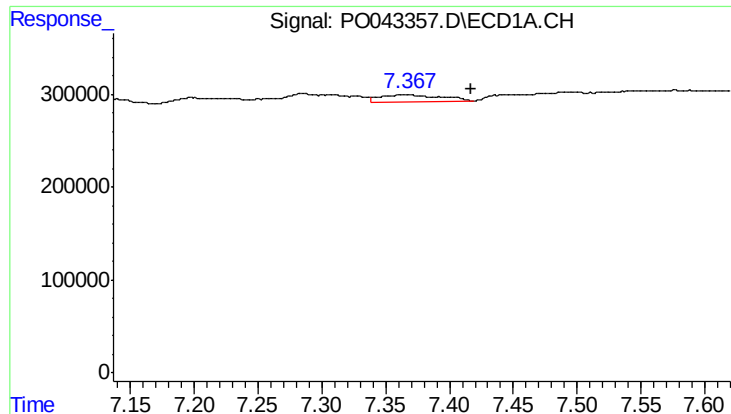
#33 AR-1260-3

R.T.: 7.286 min  
Delta R.T.: 0.001 min  
Response: 480514  
Conc: 23.64 ng/ml



#33 AR-1260-3

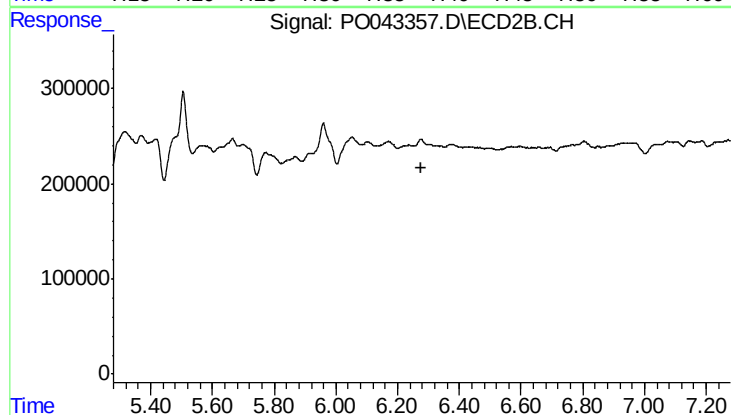
R.T.: 6.051 min  
Delta R.T.: -0.056 min  
Response: 448978  
Conc: 17.11 ng/ml



#34 AR-1260-4

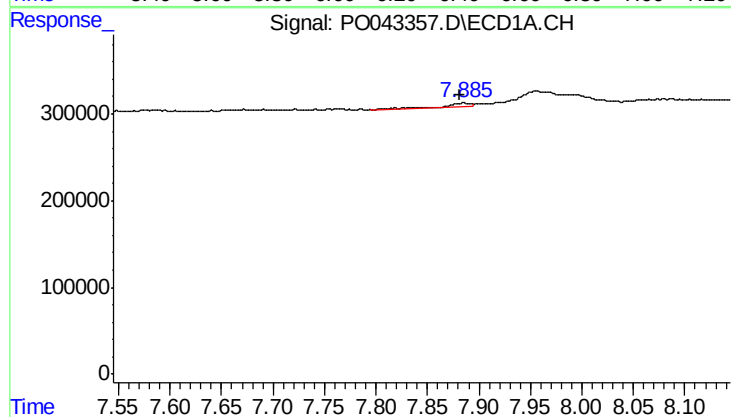
R.T.: 7.366 min  
Delta R.T.: -0.051 min  
Response: 269753  
Conc: 36.80 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
PL-02-032318-D



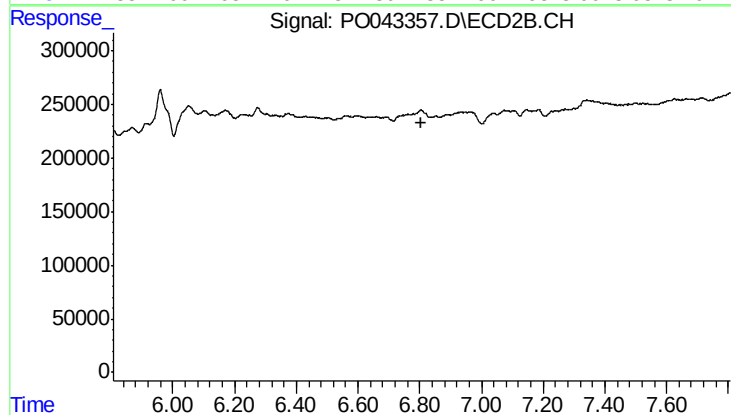
#34 AR-1260-4

R.T.: 0.000 min  
Exp R.T.: 6.279 min  
Response: 0  
Conc: N.D.



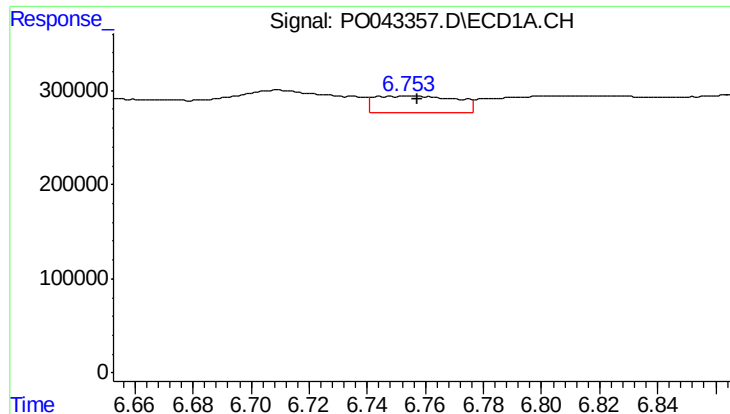
#35 AR-1260-5

R.T.: 7.885 min  
Delta R.T.: 0.003 min  
Response: 74750  
Conc: 2.45 ng/ml



#35 AR-1260-5

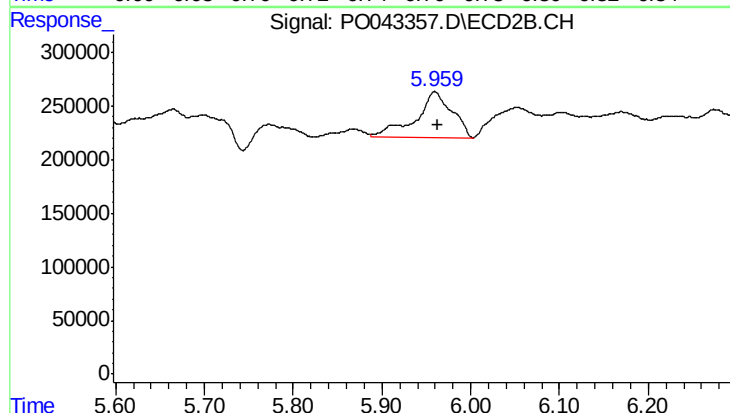
R.T.: 0.000 min  
Exp R.T.: 6.807 min  
Response: 0  
Conc: N.D.



#36 AR-1262-1

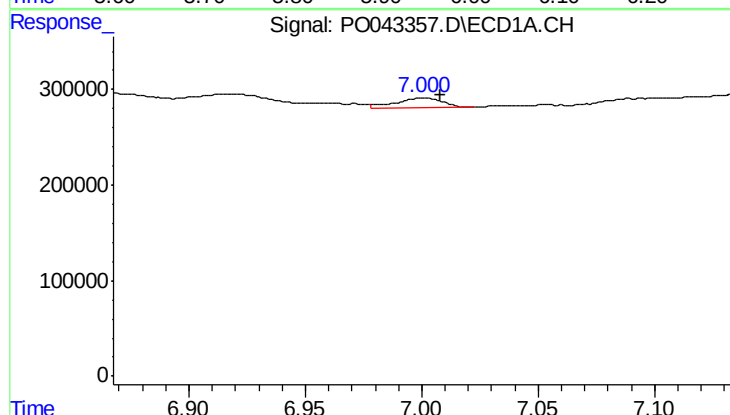
R.T.: 6.755 min  
Delta R.T.: -0.002 min  
Response: 345793  
Conc: 32.53 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
PL-02-032318-D



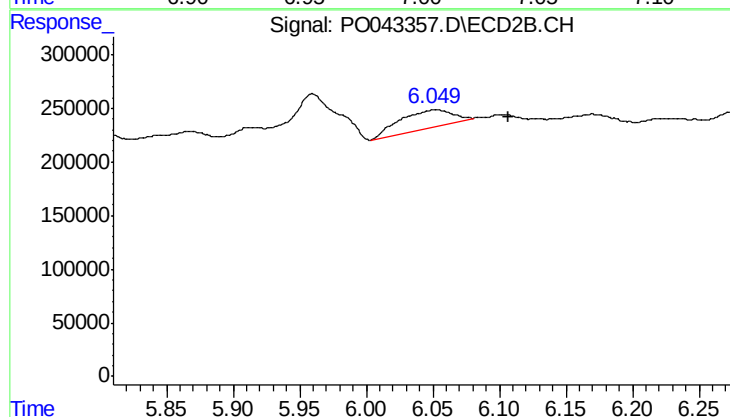
#36 AR-1262-1

R.T.: 5.960 min  
Delta R.T.: -0.003 min  
Response: 1207611  
Conc: 52.60 ng/ml



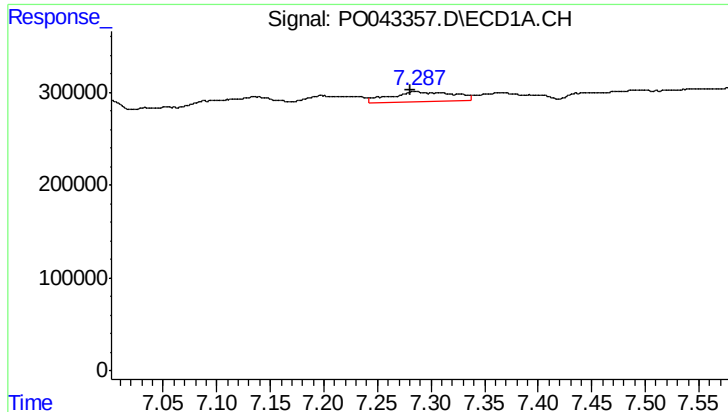
#37 AR-1262-2

R.T.: 7.001 min  
Delta R.T.: -0.007 min  
Response: 138672  
Conc: 10.30 ng/ml



#37 AR-1262-2

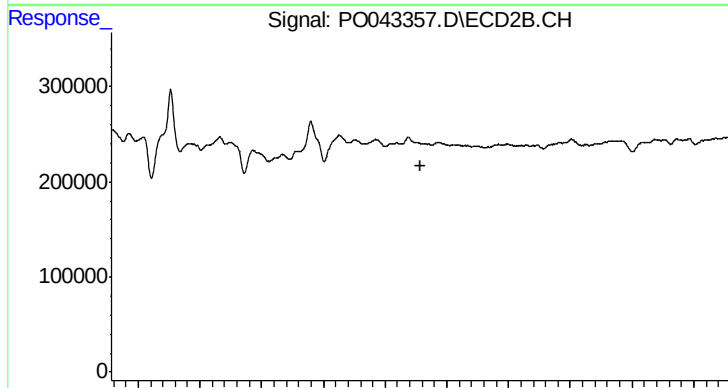
R.T.: 6.051 min  
Delta R.T.: -0.056 min  
Response: 448978  
Conc: 21.47 ng/ml



#38 AR-1262-3

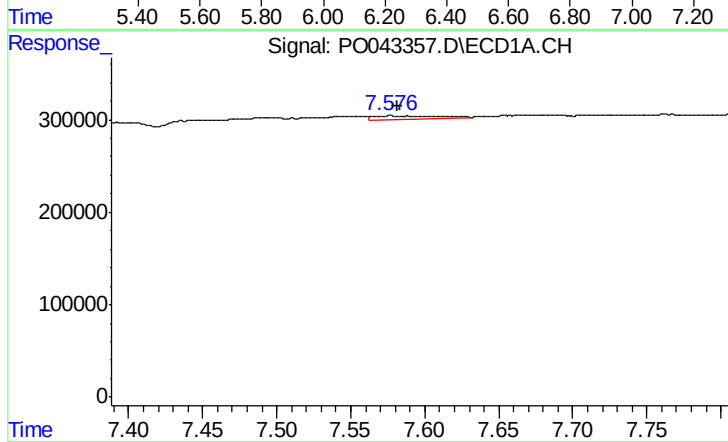
R.T.: 7.286 min  
Delta R.T.: 0.004 min  
Response: 480514  
Conc: 38.52 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
PL-02-032318-D



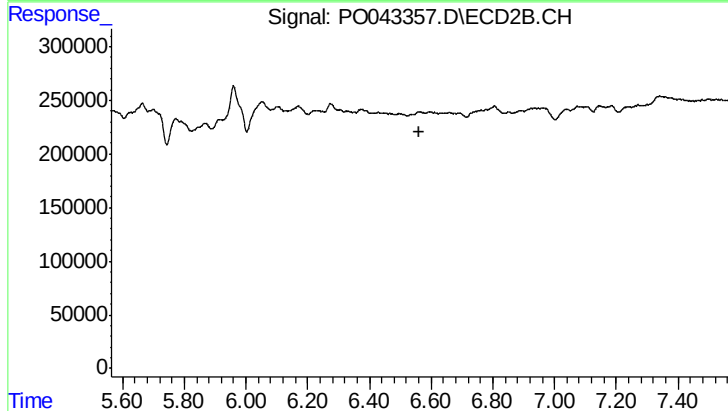
#38 AR-1262-3

R.T.: 0.000 min  
Exp R.T.: 6.313 min  
Response: 0  
Conc: N.D.



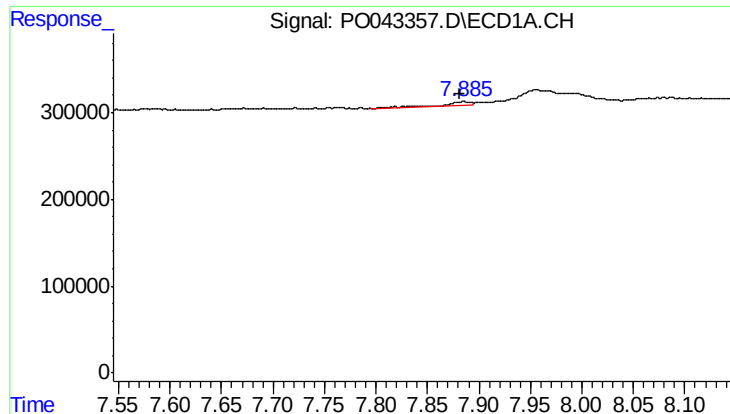
#39 AR-1262-4

R.T.: 7.577 min  
Delta R.T.: -0.005 min  
Response: 99715  
Conc: 5.96 ng/ml



#39 AR-1262-4

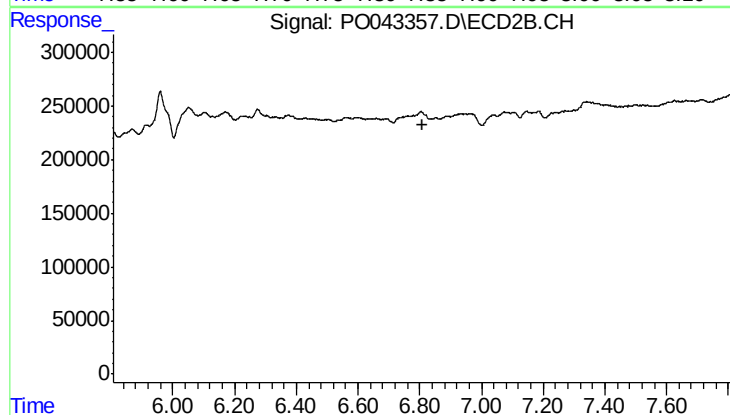
R.T.: 0.000 min  
Exp R.T.: 6.563 min  
Response: 0  
Conc: N.D.



#40 AR-1262-5

R.T.: 7.885 min  
Delta R.T.: 0.003 min  
Response: 74750  
Conc: 2.20 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
PL-02-032318-D



#40 AR-1262-5

R.T.: 0.000 min  
Exp R.T. : 6.807 min  
Response: 0  
Conc: N.D.