

Data Path : P:\HPCHEM1\ECD\_0\Data\P0031618\  
 Data File : P0043093.D  
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
 Acq On : 16 Mar 2018 9:23  
 Operator : SM/UA  
 Sample : J1887-05RE  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 ECD\_O  
 ClientSampleId :  
 13572RE

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Mar 16 09:41:30 2018  
 Quant Method : P:\HPCHEM1\ECD\_0\methods\P0022118.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Mon Feb 26 14:24:10 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 |       |       |          |         |          |           |
| Target Compounds            |       |       |          |         |          |           |
| 3) L1 AR-1016-1             | 4.977 | 0.000 | 1729630  | 0       | 257.546  | N.D. #    |
| 4) L1 AR-1016-2             | 0.000 | 4.673 | 0        | 615272  | N.D.     | 75.088 #  |
| 5) L1 AR-1016-3             | 5.430 | 4.673 | 1533031  | 615272  | 212.180  | 59.221 #  |
| 6) L1 AR-1016-4             | 5.847 | 0.000 | 1153913  | 0       | 162.418  | N.D. #    |
| 7) L1 AR-1016-5             | 6.055 | 0.000 | 998225   | 0       | 138.665  | N.D. #    |
| 12) L3 AR-1232-2            | 5.181 | 0.000 | 925861   | 0       | 351.811  | N.D. #    |
| 15) L3 AR-1232-5            | 5.430 | 4.673 | 1533031  | 615272  | 730.090  | 284.583 # |
| 16) L4 AR-1242-1            | 4.838 | 3.994 | 1484341  | 1056985 | 478.788  | 416.504   |
| 18) L4 AR-1242-3            | 5.430 | 0.000 | 1533031  | 0       | 417.035  | N.D. #    |
| 19) L4 AR-1242-4            | 0.000 | 4.673 | 0        | 615272  | N.D.     | 117.528 # |
| 20) L4 AR-1242-5            | 5.847 | 0.000 | 1153913  | 0       | 276.664  | N.D. #    |
| 22) L5 AR-1248-2            | 5.847 | 0.000 | 1153913  | 0       | 184.065  | N.D. #    |
| 23) L5 AR-1248-3            | 6.055 | 0.000 | 998225   | 0       | 109.162  | N.D. #    |
| 24) L5 AR-1248-4            | 6.189 | 0.000 | 10569381 | 0       | 1179.458 | N.D. #    |
| 27) L6 AR-1254-2            | 6.558 | 0.000 | 1577592  | 0       | 181.386  | N.D. #    |
| 28) L6 AR-1254-3            | 6.601 | 0.000 | 2445845  | 0       | 157.805  | N.D. #    |
| 29) L6 AR-1254-4            | 6.913 | 5.888 | 1879400  | 735461  | 143.271  | 37.743 #  |
| 30) L6 AR-1254-5            | 7.160 | 0.000 | 1394119  | 0       | 148.097  | N.D. #    |
| 31) L7 AR-1260-1            | 0.000 | 5.800 | 0        | 1338086 | N.D.     | 55.425 #  |
| 32) L7 AR-1260-2            | 7.032 | 5.965 | 3456595  | 995385  | 188.971  | 29.632 #  |
| 33) L7 AR-1260-3            | 7.341 | 6.099 | 4657563  | 2350663 | 224.153  | 82.576 #  |
| 34) L7 AR-1260-4            | 7.414 | 6.300 | 1853051  | 479667  | 125.197  | 14.031 #  |
| 35) L7 AR-1260-5            | 7.910 | 0.000 | 2313723  | 0       | 68.445   | N.D. #    |
| 36) L8 AR-1262-1            | 0.000 | 5.965 | 0        | 995385  | N.D.     | 44.816 #  |
| 37) L8 AR-1262-2            | 7.097 | 6.099 | 1779316  | 2350663 | 152.826  | 116.888   |
| 38) L8 AR-1262-3            | 7.341 | 6.300 | 4657563  | 479667  | 404.774  | 12.941 #  |
| 39) L8 AR-1262-4            | 7.583 | 0.000 | 3212242  | 0       | 209.394  | N.D. #    |
| 40) L8 AR-1262-5            | 7.969 | 0.000 | 1817598  | 0       | 56.462   | N.D. #    |
| 41) L9 AR-1268-1            | 8.212 | 0.000 | 5772313  | 0       | 152.760  | N.D. #    |
| 42) L9 AR-1268-2            | 8.370 | 0.000 | 2988261  | 0       | 90.062   | N.D. #    |
| 43) L9 AR-1268-3            | 8.491 | 0.000 | 2575787  | 0       | 90.988   | N.D. #    |
| -----                       |       |       |          |         |          |           |

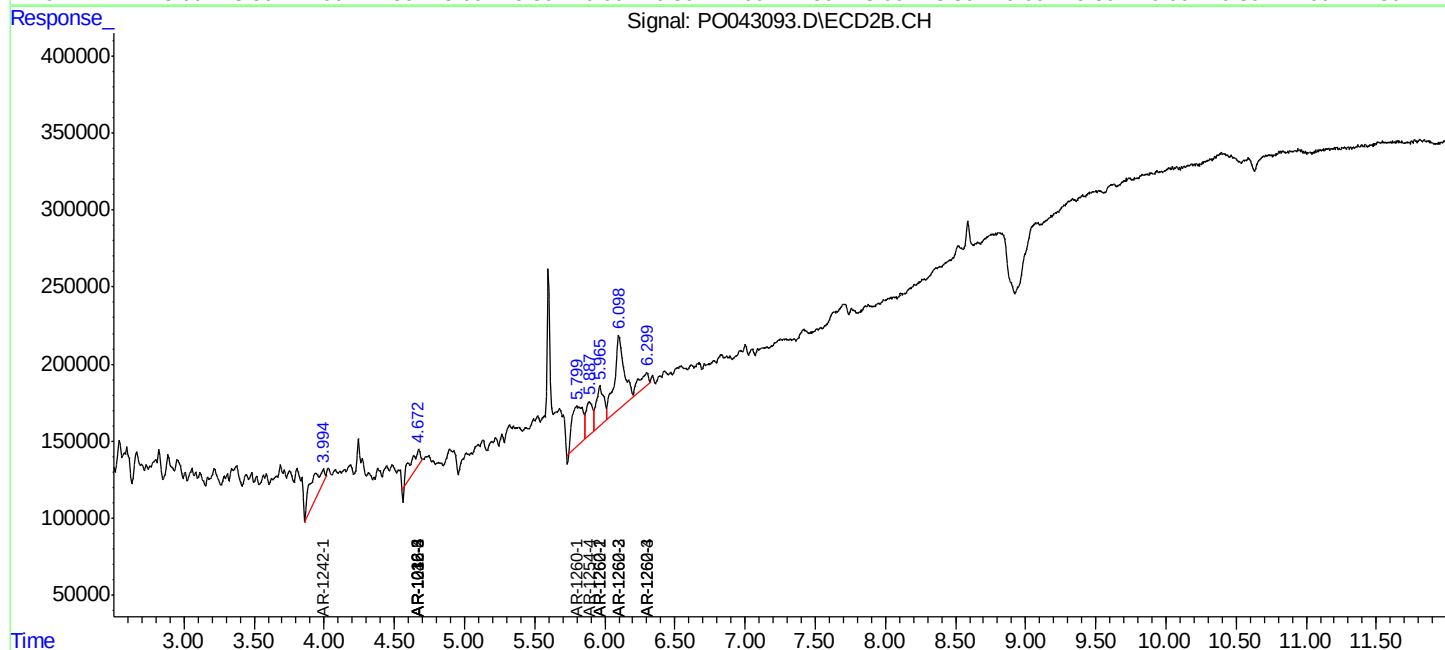
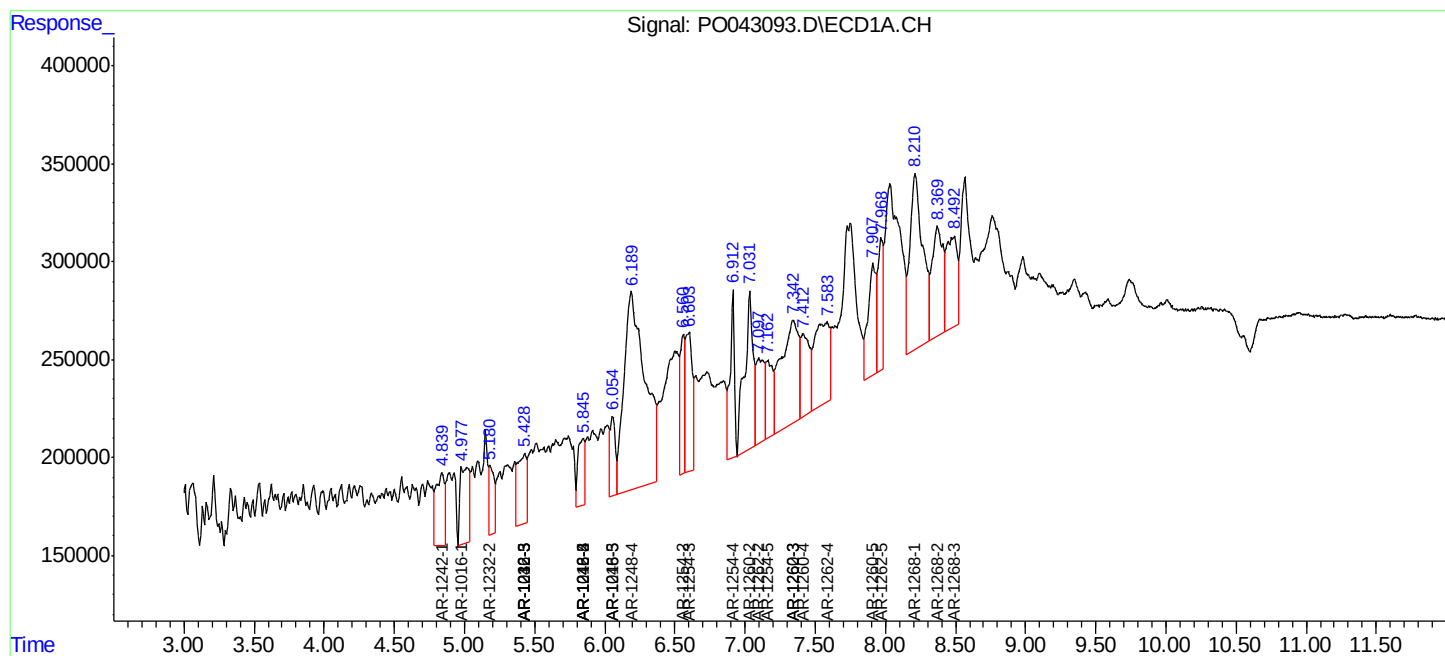
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

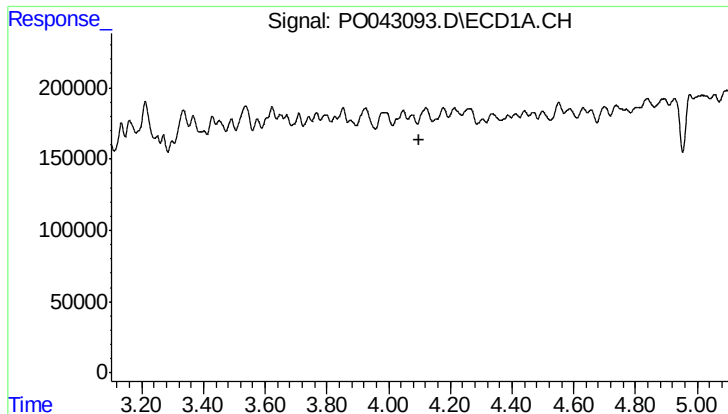
Data Path : P:\HPCHEM1\ECD\_0\Data\PO031618\  
Data File : PO043093.D  
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
Acq On : 16 Mar 2018 9:23  
Operator : SM/UA  
Sample : J1887-05RE  
Misc :  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
ECD\_O  
ClientSampleId :  
13572RE

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Mar 16 09:41:30 2018  
Quant Method : P:\HPCHEM1\ECD\_0\methods\PO022118.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Mon Feb 26 14:24:10 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

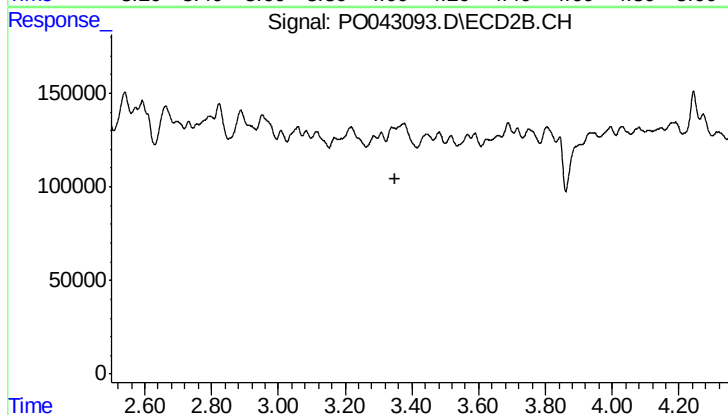




#1 Tetrachloro-m-xylene

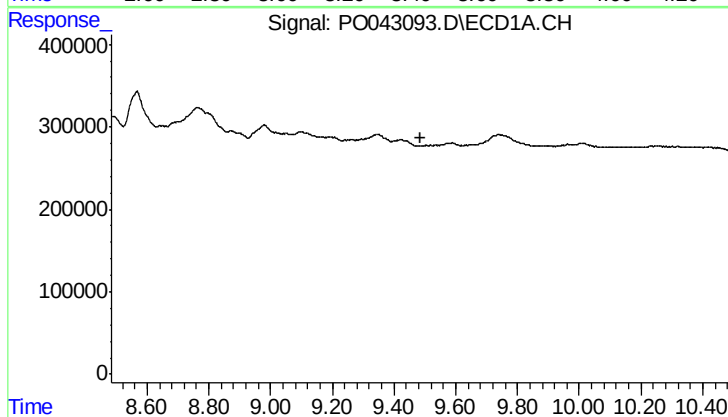
R.T.: 0.000 min  
Exp R.T.: 4.101 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
13572RE



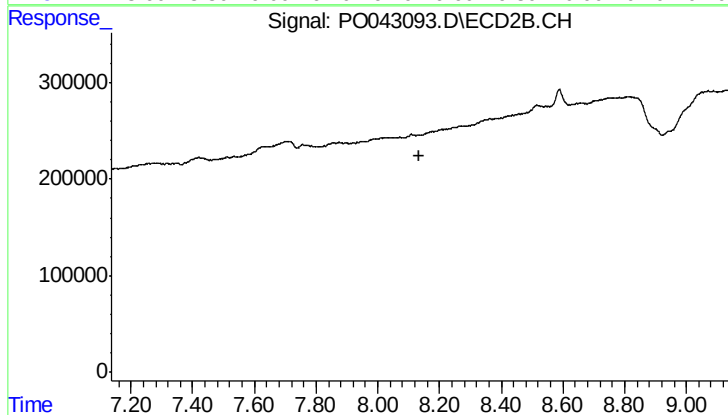
#1 Tetrachloro-m-xylene

R.T.: 0.000 min  
Exp R.T.: 3.348 min  
Response: 0  
Conc: N.D.



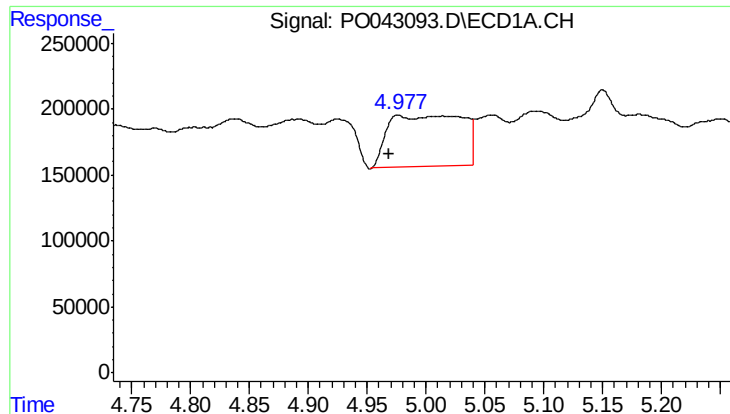
#2 Decachlorobiphenyl

R.T.: 0.000 min  
Exp R.T.: 9.484 min  
Response: 0  
Conc: N.D.



#2 Decachlorobiphenyl

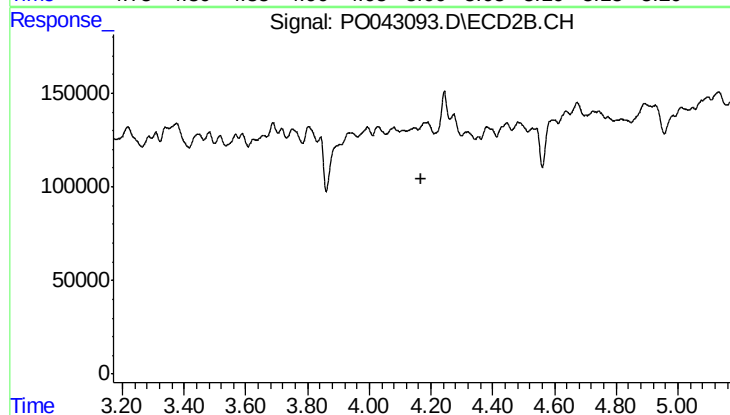
R.T.: 0.000 min  
Exp R.T.: 8.136 min  
Response: 0  
Conc: N.D.



#3 AR-1016-1

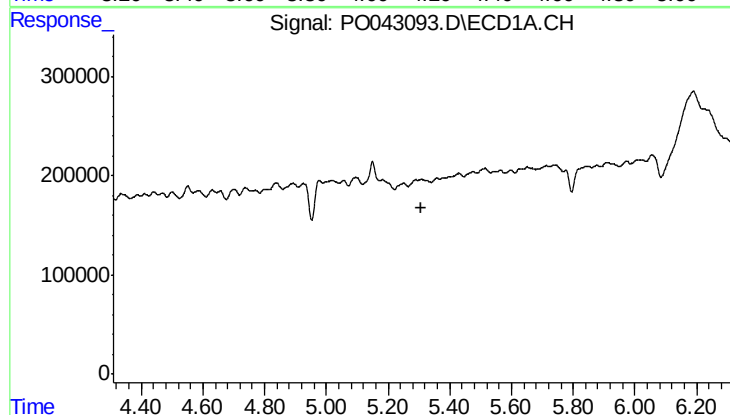
R.T.: 4.977 min  
Delta R.T.: 0.008 min  
Response: 1729630  
Conc: 257.55 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
13572RE



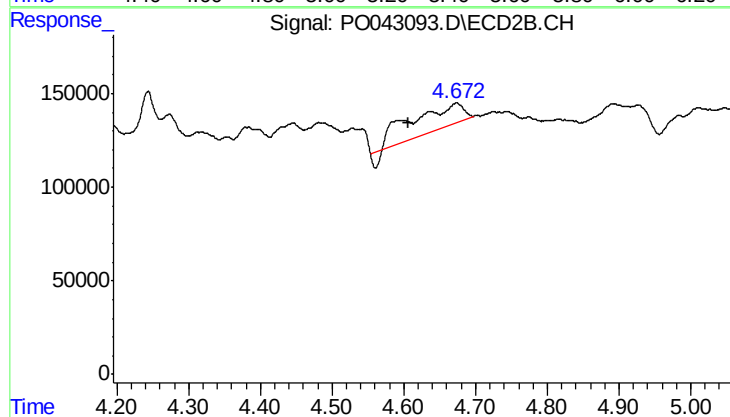
#3 AR-1016-1

R.T.: 0.000 min  
Exp R.T.: 4.170 min  
Response: 0  
Conc: N.D.



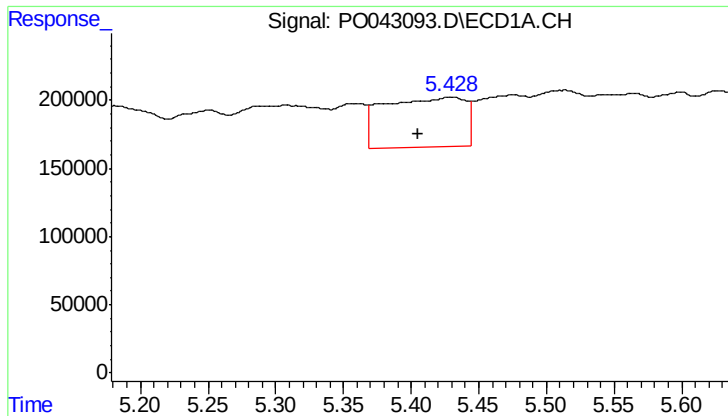
#4 AR-1016-2

R.T.: 0.000 min  
Exp R.T.: 5.310 min  
Response: 0  
Conc: N.D.



#4 AR-1016-2

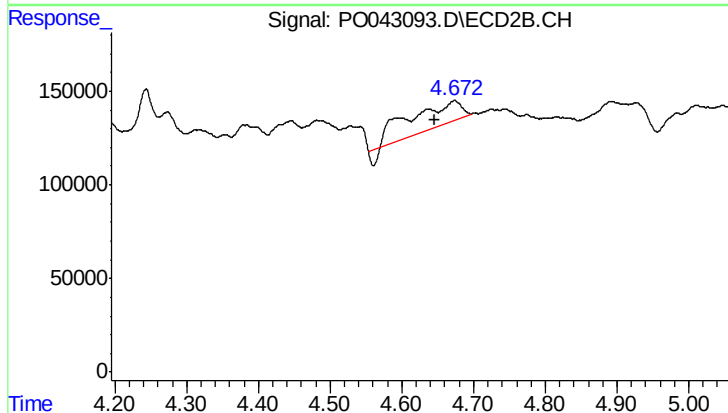
R.T.: 4.673 min  
Delta R.T.: 0.066 min  
Response: 615272  
Conc: 75.09 ng/ml



#5 AR-1016-3

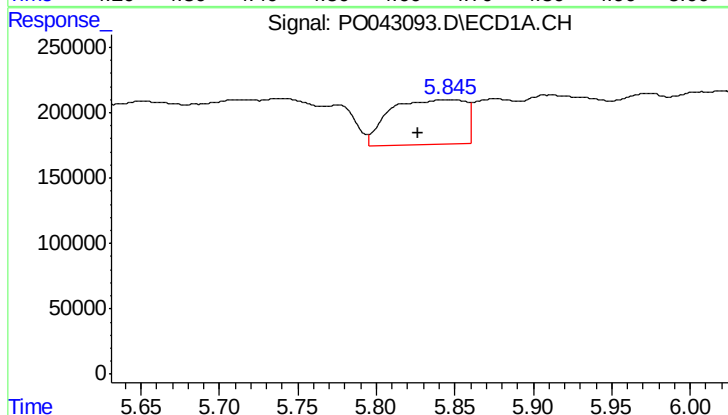
R.T.: 5.430 min  
Delta R.T.: 0.025 min  
Response: 1533031  
Conc: 212.18 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
13572RE



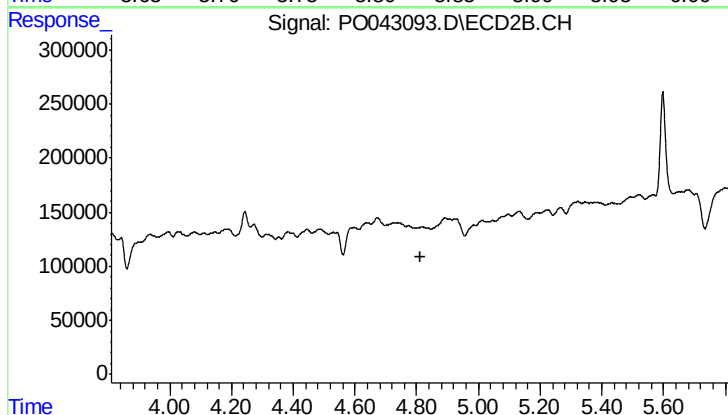
#5 AR-1016-3

R.T.: 4.673 min  
Delta R.T.: 0.027 min  
Response: 615272  
Conc: 59.22 ng/ml



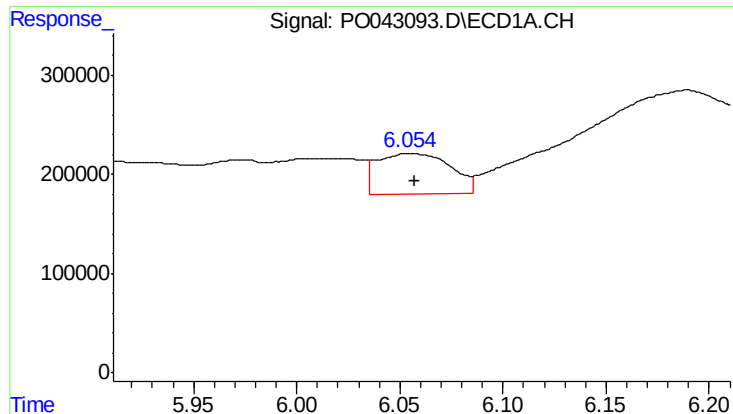
#6 AR-1016-4

R.T.: 5.847 min  
Delta R.T.: 0.020 min  
Response: 1153913  
Conc: 162.42 ng/ml



#6 AR-1016-4

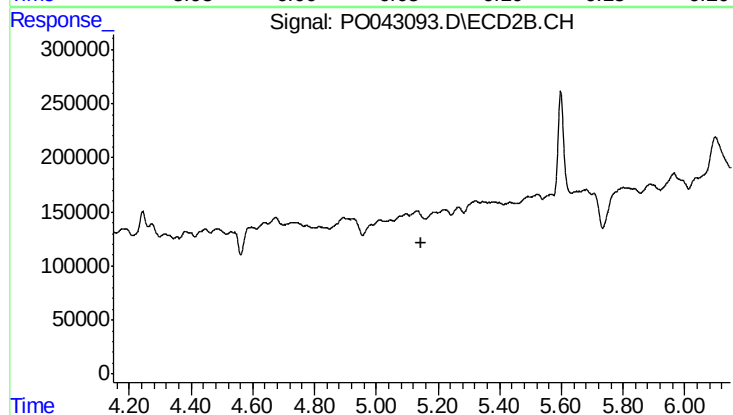
R.T.: 0.000 min  
Exp R.T.: 4.811 min  
Response: 0  
Conc: N.D.



#7 AR-1016-5

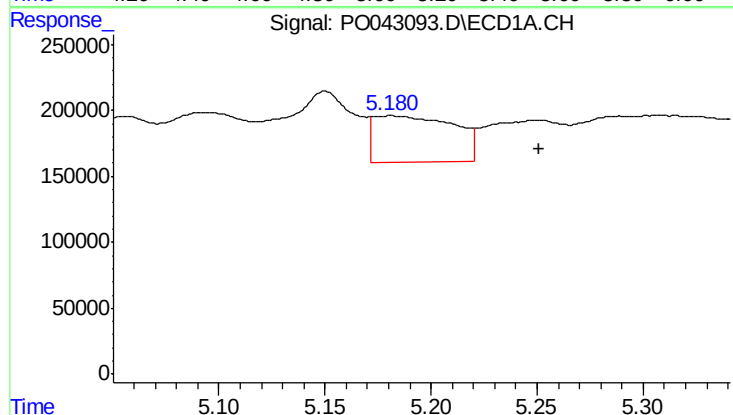
R.T.: 6.055 min  
Delta R.T.: -0.003 min  
Response: 998225  
Conc: 138.66 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
13572RE



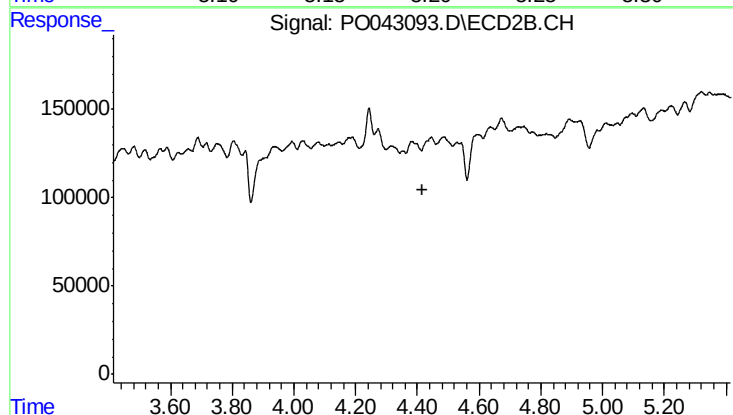
#7 AR-1016-5

R.T.: 0.000 min  
Exp R.T.: 5.148 min  
Response: 0  
Conc: N.D.



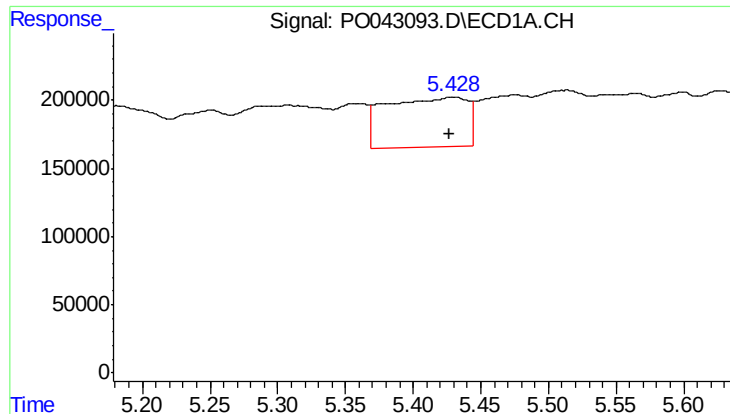
#12 AR-1232-2

R.T.: 5.181 min  
Delta R.T.: -0.070 min  
Response: 925861  
Conc: 351.81 ng/ml



#12 AR-1232-2

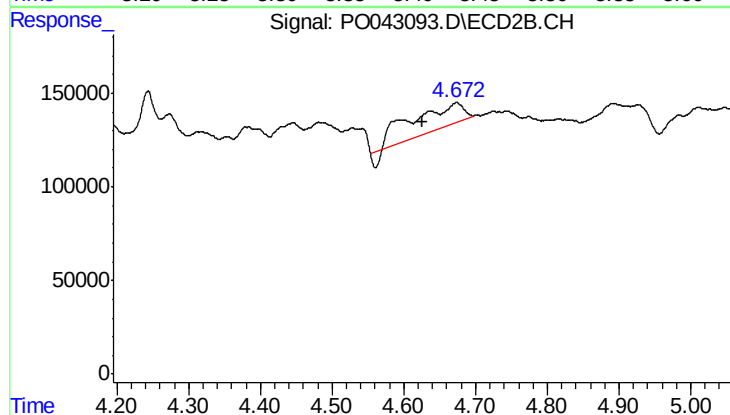
R.T.: 0.000 min  
Exp R.T.: 4.415 min  
Response: 0  
Conc: N.D.



#15 AR-1232-5

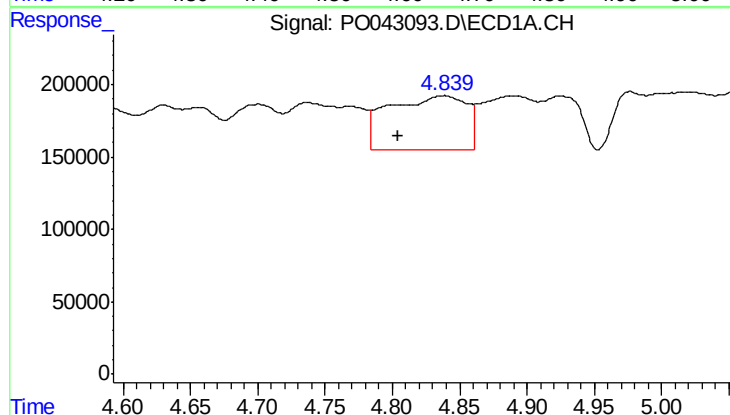
R.T.: 5.430 min  
Delta R.T.: 0.002 min  
Response: 1533031  
Conc: 730.09 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
13572RE



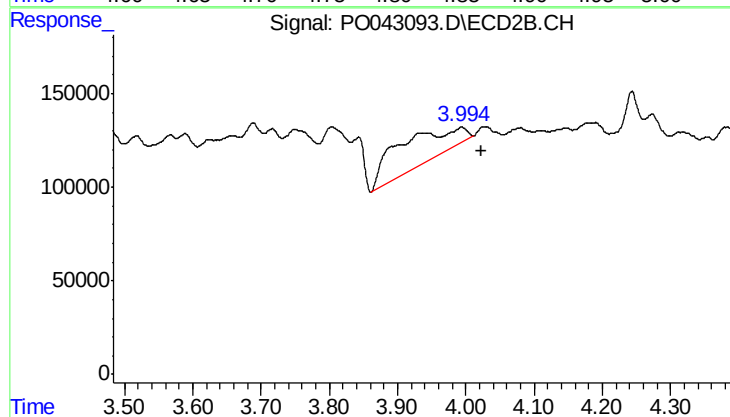
#15 AR-1232-5

R.T.: 4.673 min  
Delta R.T.: 0.047 min  
Response: 615272  
Conc: 284.58 ng/ml



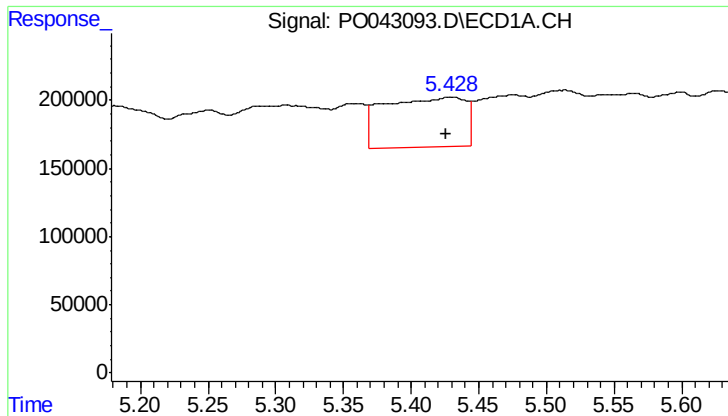
#16 AR-1242-1

R.T.: 4.838 min  
Delta R.T.: 0.034 min  
Response: 1484341  
Conc: 478.79 ng/ml



#16 AR-1242-1

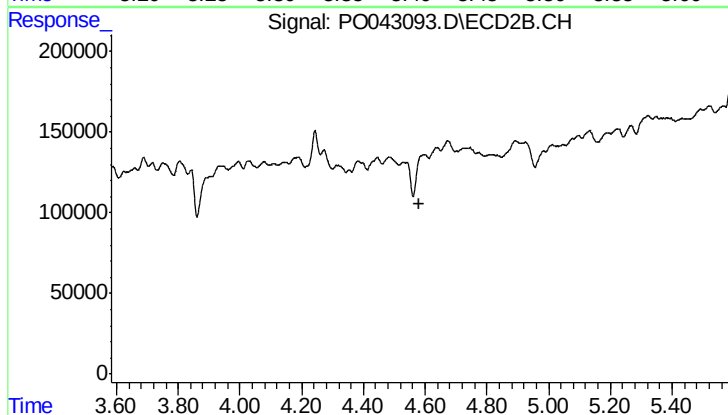
R.T.: 3.994 min  
Delta R.T.: -0.028 min  
Response: 1056985  
Conc: 416.50 ng/ml



#18 AR-1242-3

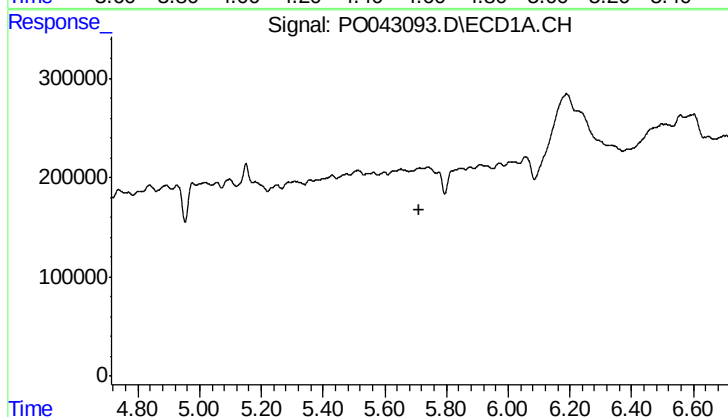
R.T.: 5.430 min  
Delta R.T.: 0.004 min  
Response: 1533031  
Conc: 417.03 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
13572RE



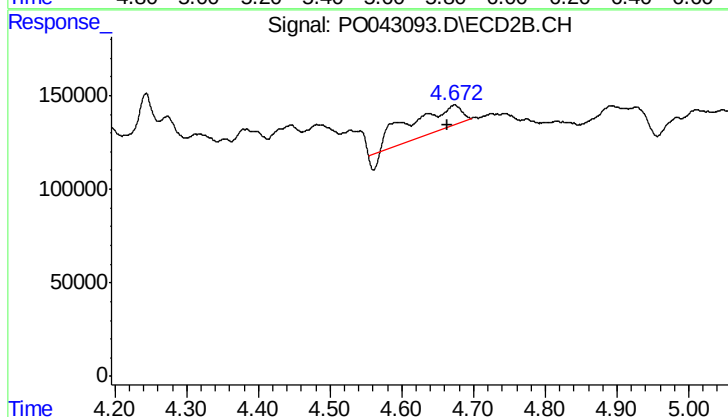
#18 AR-1242-3

R.T.: 0.000 min  
Exp R.T.: 4.583 min  
Response: 0  
Conc: N.D.



#19 AR-1242-4

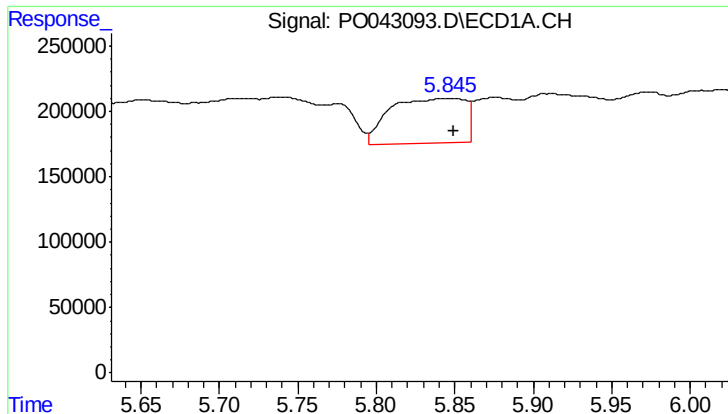
R.T.: 0.000 min  
Exp R.T.: 5.714 min  
Response: 0  
Conc: N.D.



#19 AR-1242-4

R.T.: 4.673 min  
Delta R.T.: 0.009 min  
Response: 615272  
Conc: 117.53 ng/ml

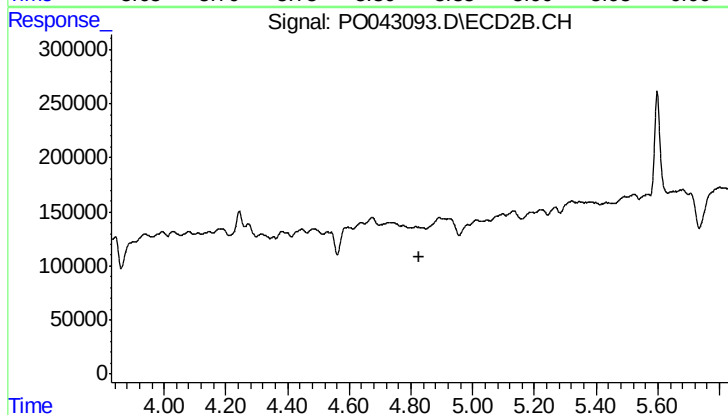




#20 AR-1242-5

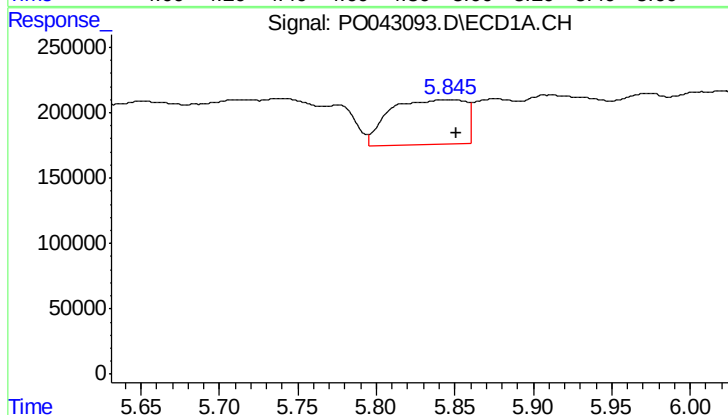
R.T.: 5.847 min  
Delta R.T.: -0.003 min  
Response: 1153913  
Conc: 276.66 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
13572RE



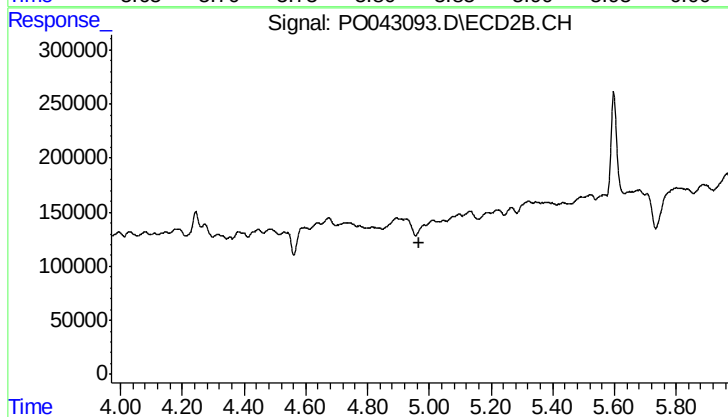
#20 AR-1242-5

R.T.: 0.000 min  
Exp R.T.: 4.829 min  
Response: 0  
Conc: N.D.



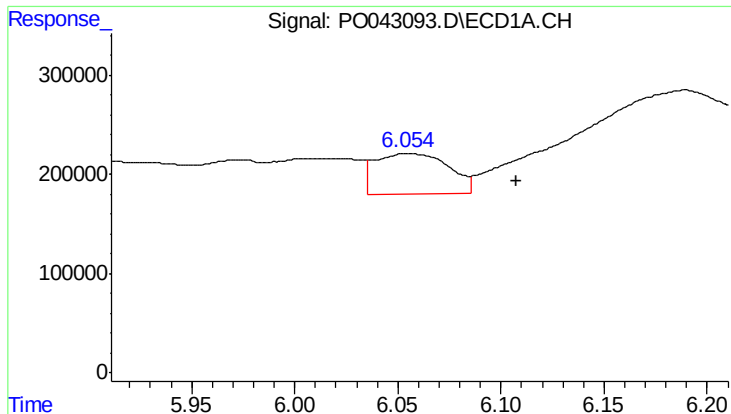
#22 AR-1248-2

R.T.: 5.847 min  
Delta R.T.: -0.005 min  
Response: 1153913  
Conc: 184.06 ng/ml



#22 AR-1248-2

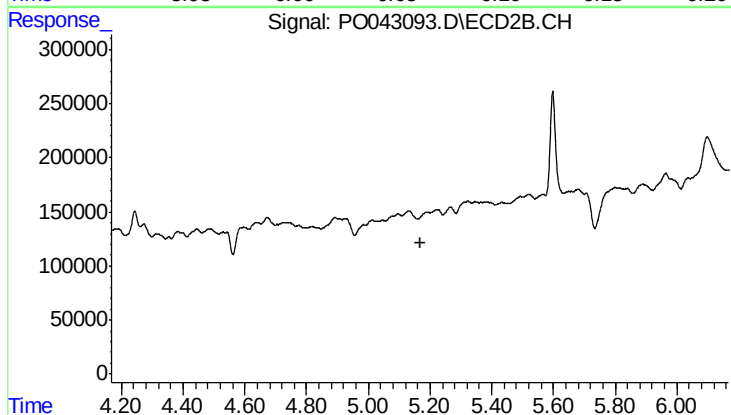
R.T.: 0.000 min  
Exp R.T.: 4.970 min  
Response: 0  
Conc: N.D.



#23 AR-1248-3

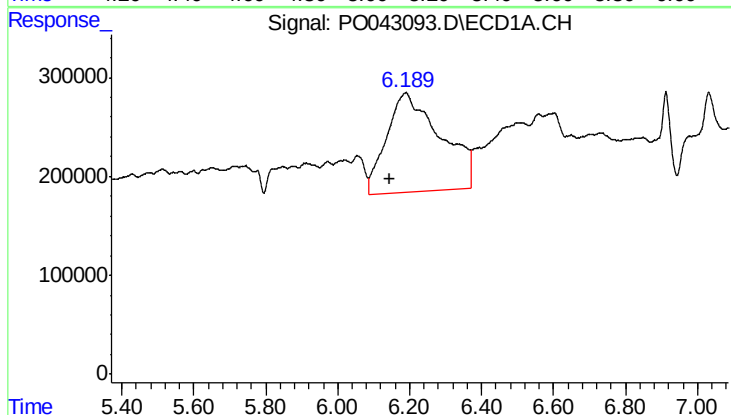
R.T.: 6.055 min  
Delta R.T.: -0.053 min  
Response: 998225  
Conc: 109.16 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
13572RE



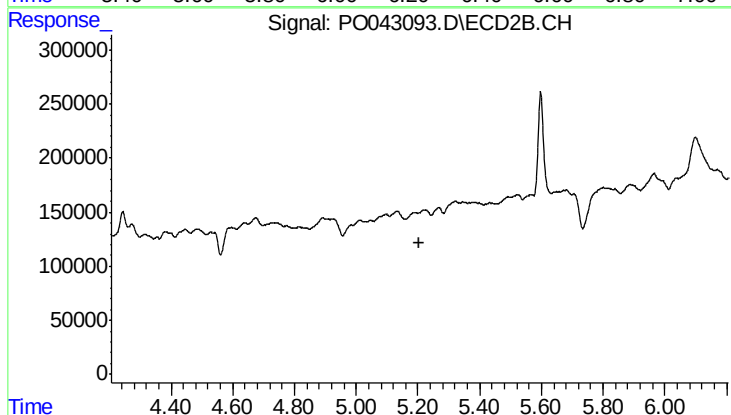
#23 AR-1248-3

R.T.: 0.000 min  
Exp R.T.: 5.167 min  
Response: 0  
Conc: N.D.



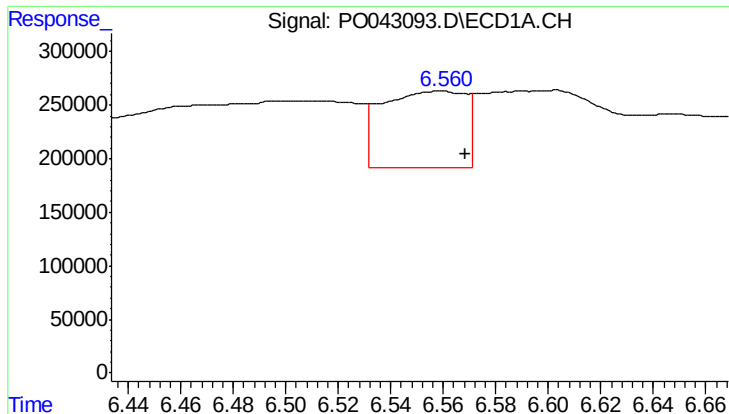
#24 AR-1248-4

R.T.: 6.189 min  
Delta R.T.: 0.044 min  
Response: 10569381  
Conc: 1179.46 ng/ml



#24 AR-1248-4

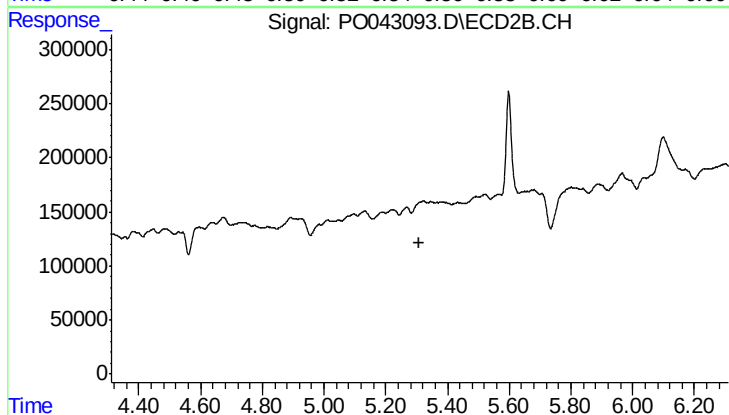
R.T.: 0.000 min  
Exp R.T.: 5.206 min  
Response: 0  
Conc: N.D.



#27 AR-1254-2

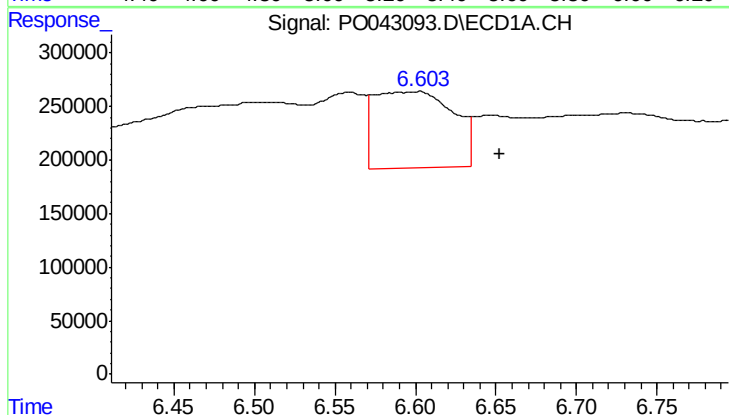
R.T.: 6.558 min  
Delta R.T.: -0.010 min  
Response: 1577592  
Conc: 181.39 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
13572RE



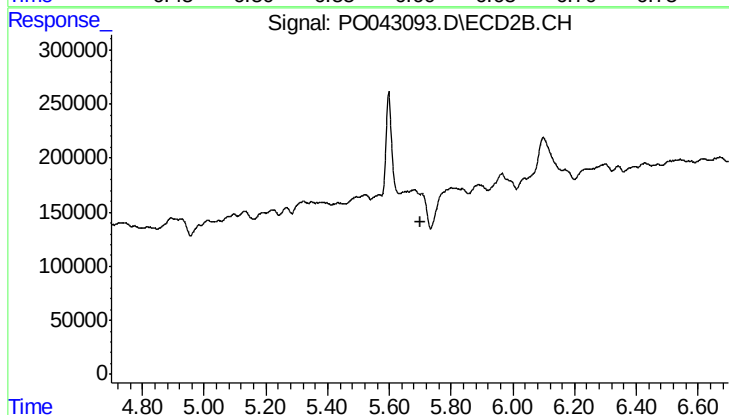
#27 AR-1254-2

R.T.: 0.000 min  
Exp R.T.: 5.310 min  
Response: 0  
Conc: N.D.



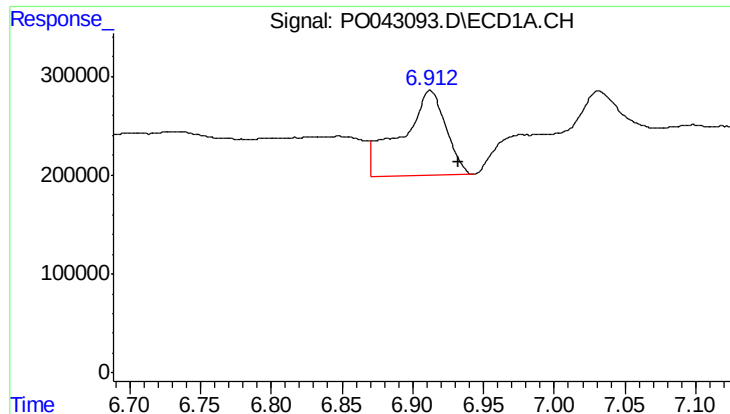
#28 AR-1254-3

R.T.: 6.601 min  
Delta R.T.: -0.052 min  
Response: 2445845  
Conc: 157.81 ng/ml



#28 AR-1254-3

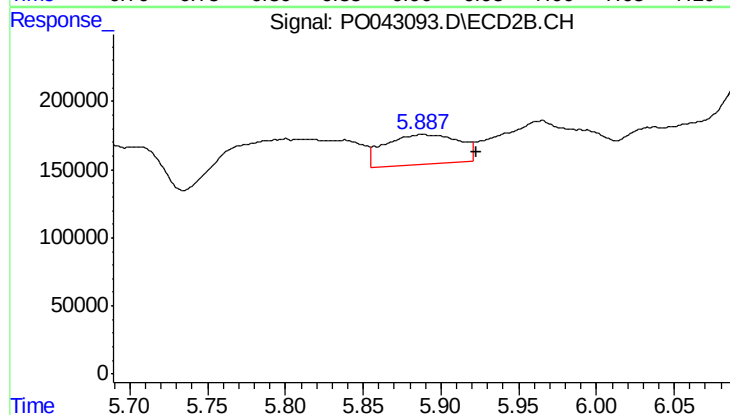
R.T.: 0.000 min  
Exp R.T.: 5.699 min  
Response: 0  
Conc: N.D.



#29 AR-1254-4

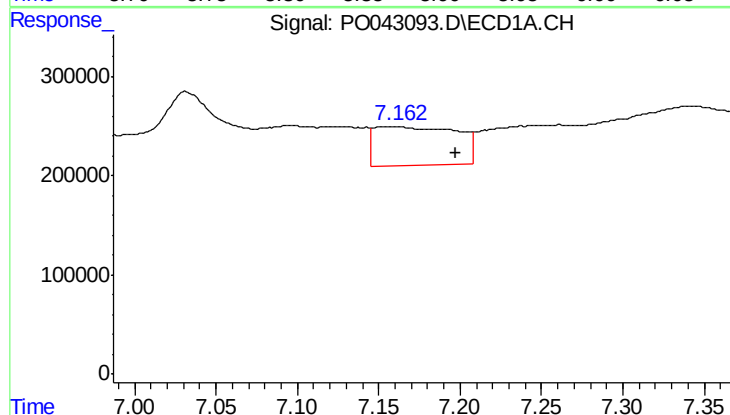
R.T.: 6.913 min  
Delta R.T.: -0.020 min  
Response: 1879400  
Conc: 143.27 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
13572RE



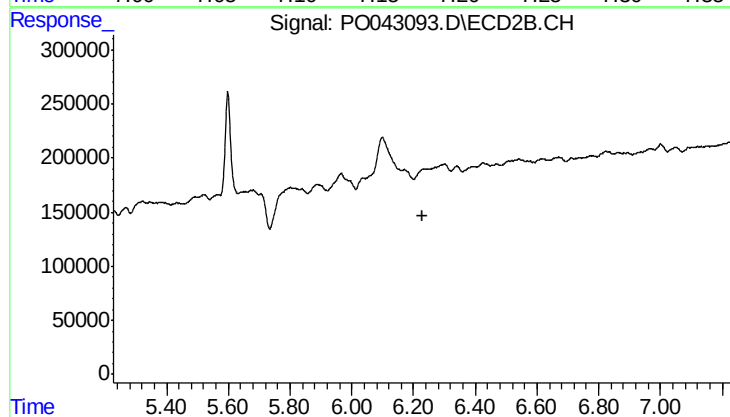
#29 AR-1254-4

R.T.: 5.888 min  
Delta R.T.: -0.035 min  
Response: 735461  
Conc: 37.74 ng/ml



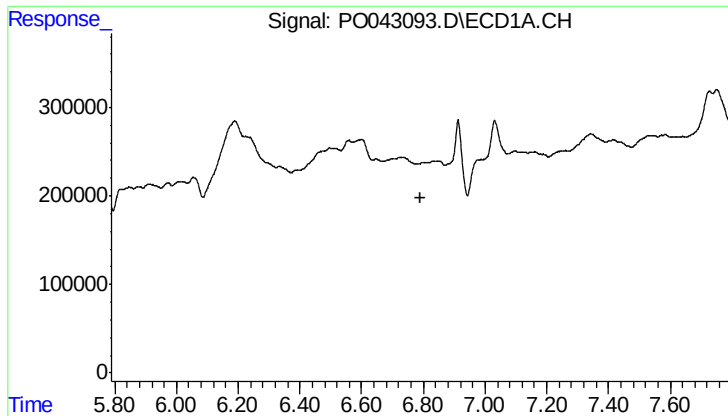
#30 AR-1254-5

R.T.: 7.160 min  
Delta R.T.: -0.038 min  
Response: 1394119  
Conc: 148.10 ng/ml



#30 AR-1254-5

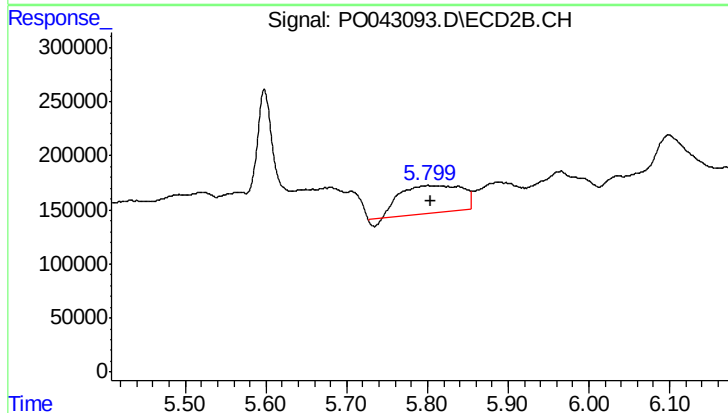
R.T.: 0.000 min  
Exp R.T.: 6.227 min  
Response: 0  
Conc: N.D.



#31 AR-1260-1

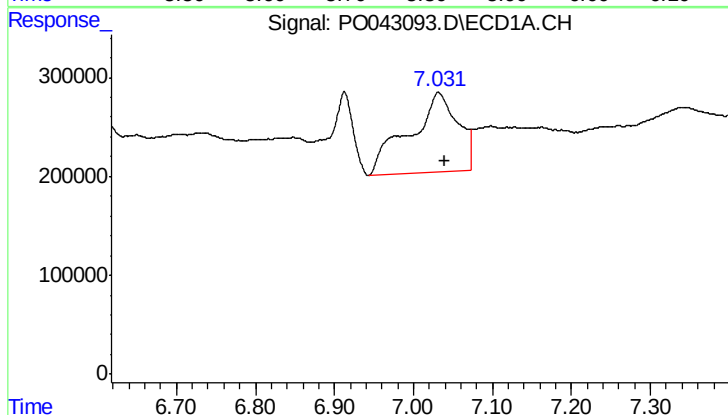
R.T.: 0.000 min  
Exp R.T.: 6.789 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
13572RE



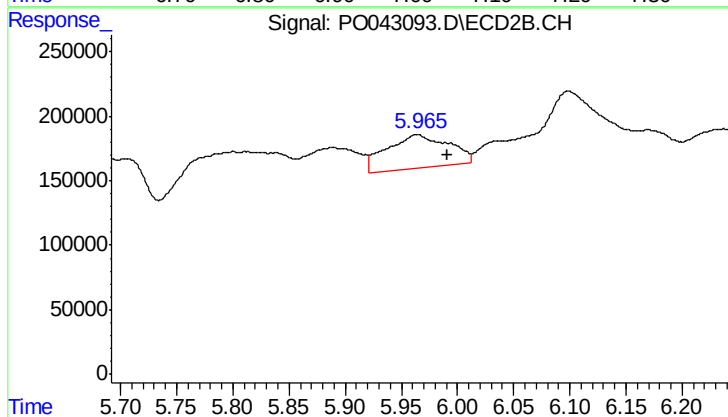
#31 AR-1260-1

R.T.: 5.800 min  
Delta R.T.: -0.004 min  
Response: 1338086  
Conc: 55.43 ng/ml



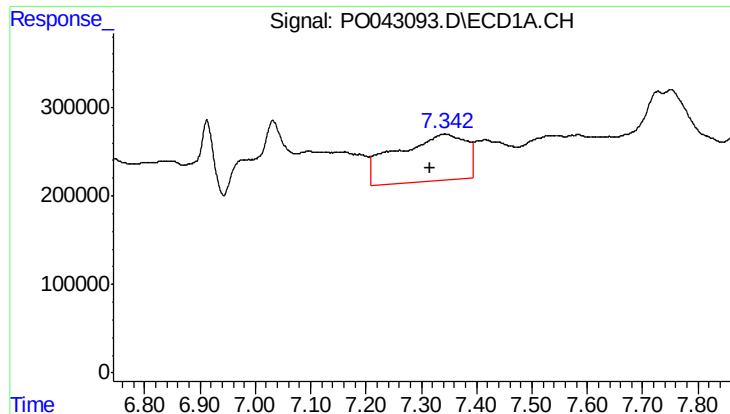
#32 AR-1260-2

R.T.: 7.032 min  
Delta R.T.: -0.008 min  
Response: 3456595  
Conc: 188.97 ng/ml



#32 AR-1260-2

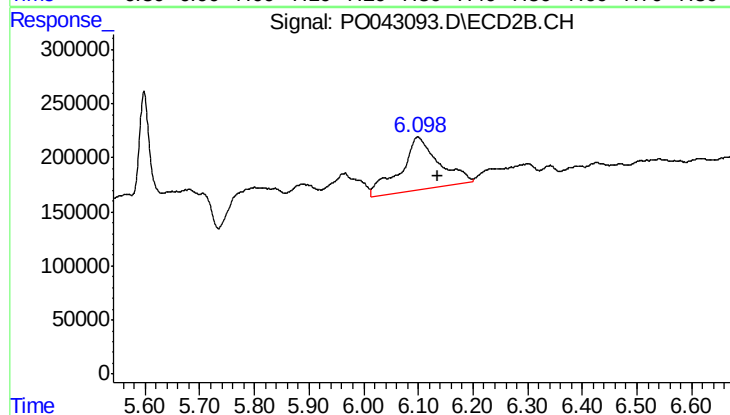
R.T.: 5.965 min  
Delta R.T.: -0.026 min  
Response: 995385  
Conc: 29.63 ng/ml



#33 AR-1260-3

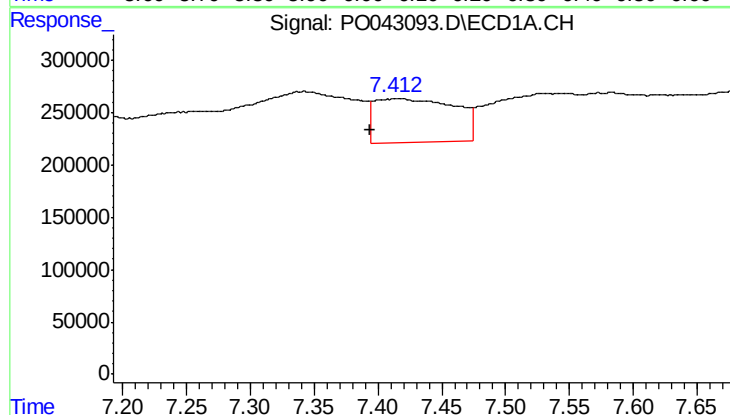
R.T.: 7.341 min  
Delta R.T.: 0.026 min  
Response: 4657563  
Conc: 224.15 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
13572RE



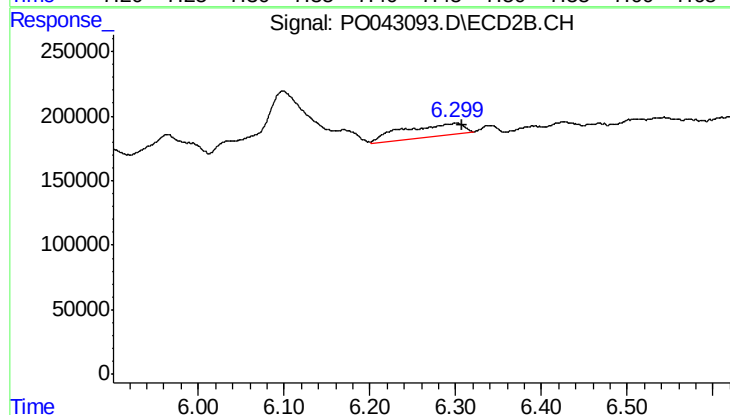
#33 AR-1260-3

R.T.: 6.099 min  
Delta R.T.: -0.037 min  
Response: 2350663  
Conc: 82.58 ng/ml



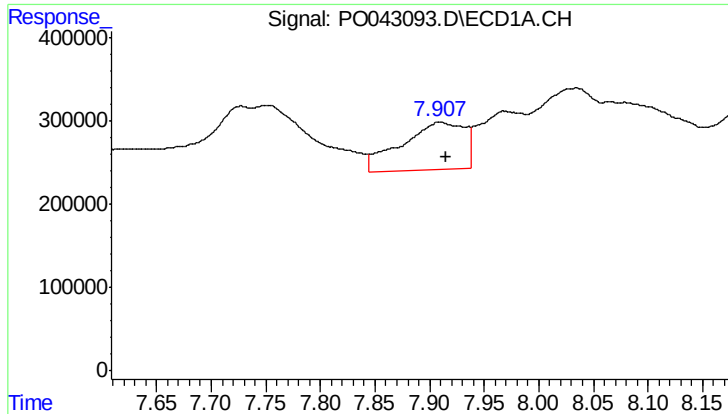
#34 AR-1260-4

R.T.: 7.414 min  
Delta R.T.: 0.021 min  
Response: 1853051  
Conc: 125.20 ng/ml



#34 AR-1260-4

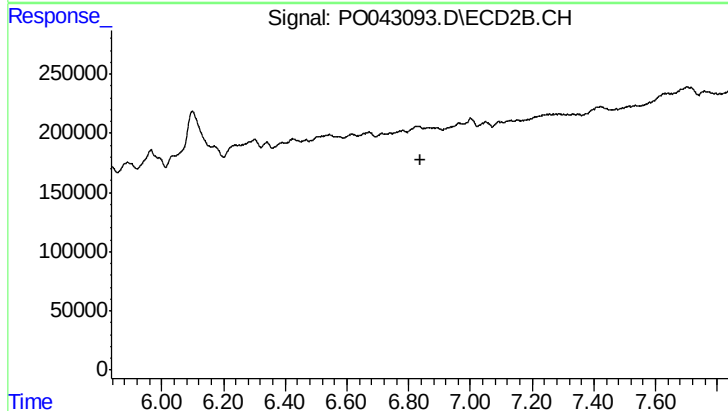
R.T.: 6.300 min  
Delta R.T.: -0.007 min  
Response: 479667  
Conc: 14.03 ng/ml



#35 AR-1260-5

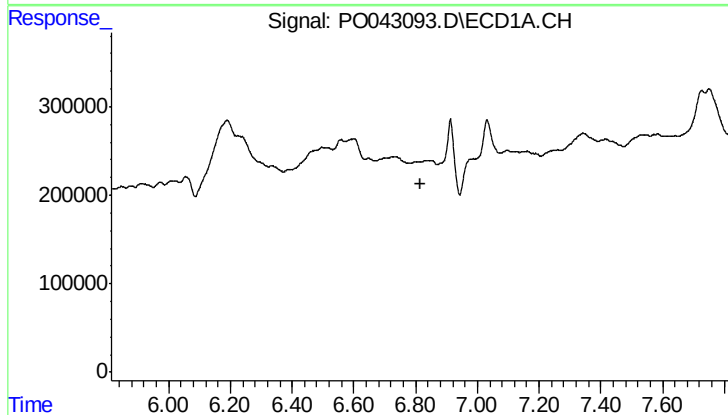
R.T.: 7.910 min  
Delta R.T.: -0.005 min  
Response: 2313723  
Conc: 68.45 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
13572RE



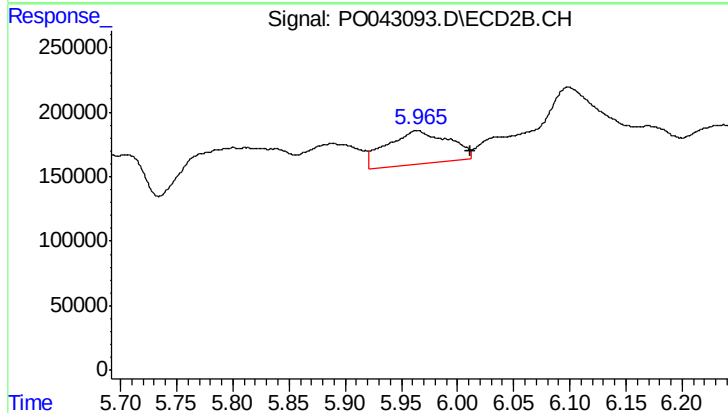
#35 AR-1260-5

R.T.: 0.000 min  
Exp R.T.: 6.837 min  
Response: 0  
Conc: N.D.



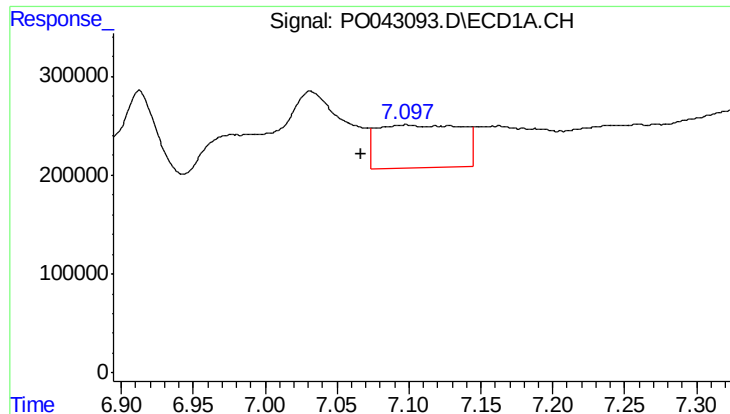
#36 AR-1262-1

R.T.: 0.000 min  
Exp R.T.: 6.814 min  
Response: 0  
Conc: N.D.



#36 AR-1262-1

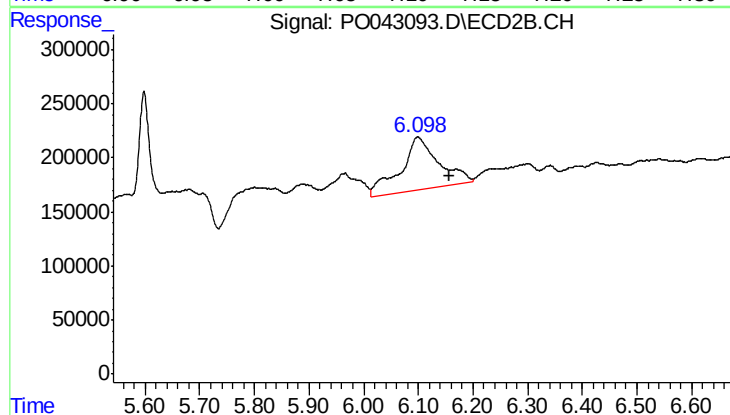
R.T.: 5.965 min  
Delta R.T.: -0.046 min  
Response: 995385  
Conc: 44.82 ng/ml



#37 AR-1262-2

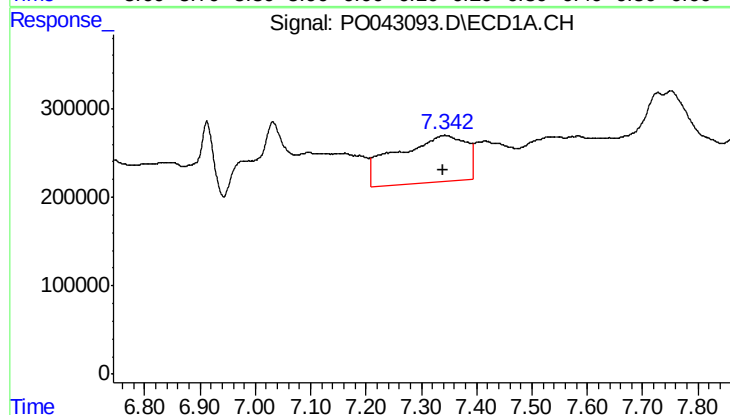
R.T.: 7.097 min  
Delta R.T.: 0.030 min  
Response: 1779316  
Conc: 152.83 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
13572RE



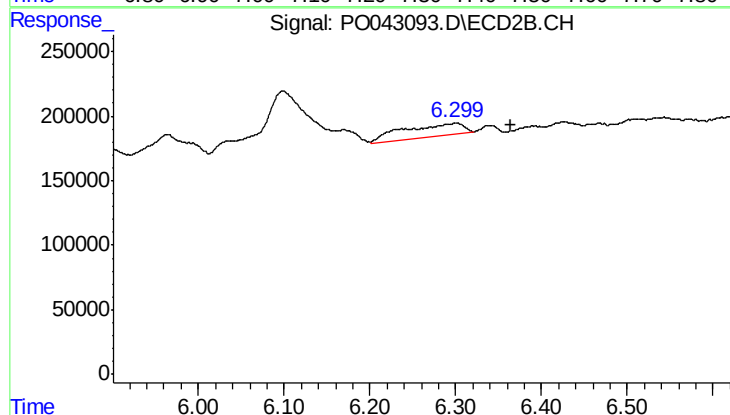
#37 AR-1262-2

R.T.: 6.099 min  
Delta R.T.: -0.059 min  
Response: 2350663  
Conc: 116.89 ng/ml



#38 AR-1262-3

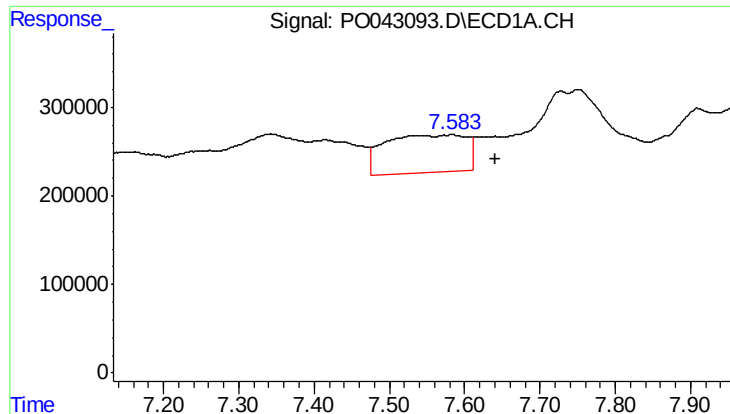
R.T.: 7.341 min  
Delta R.T.: 0.002 min  
Response: 4657563  
Conc: 404.77 ng/ml



#38 AR-1262-3

R.T.: 6.300 min  
Delta R.T.: -0.064 min  
Response: 479667  
Conc: 12.94 ng/ml

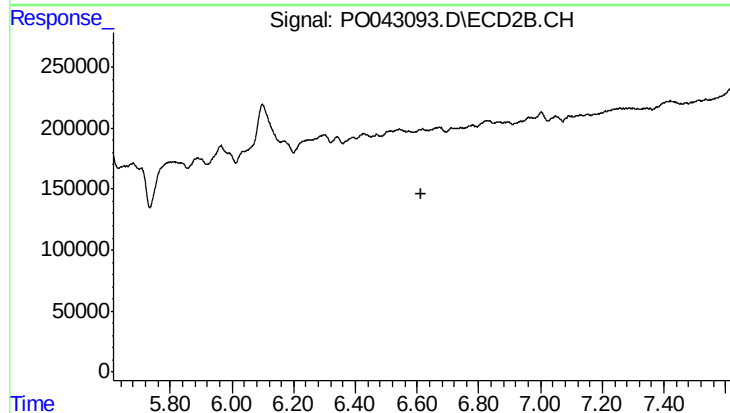




#39 AR-1262-4

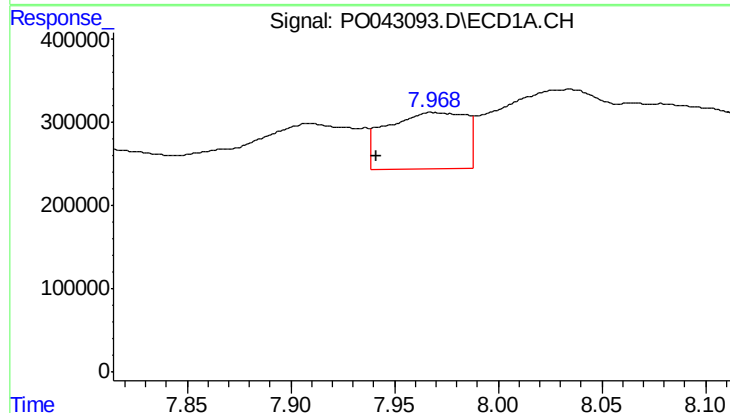
R.T.: 7.583 min  
Delta R.T.: -0.058 min  
Response: 3212242  
Conc: 209.39 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
13572RE



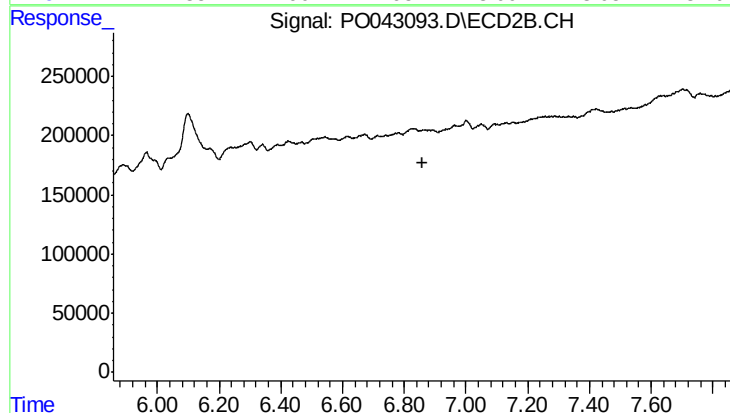
#39 AR-1262-4

R.T.: 0.000 min  
Exp R.T.: 6.615 min  
Response: 0  
Conc: N.D.



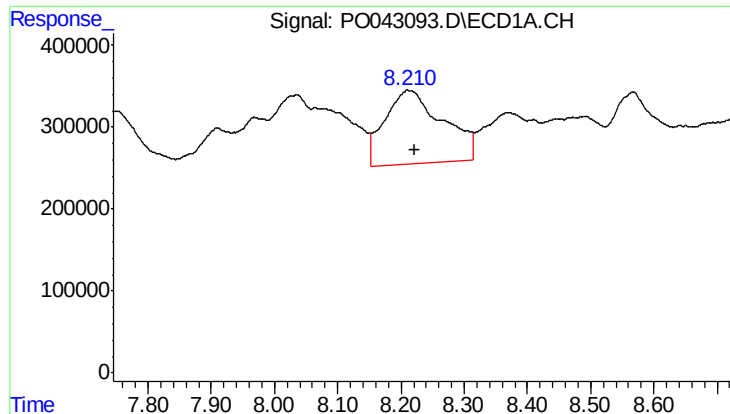
#40 AR-1262-5

R.T.: 7.969 min  
Delta R.T.: 0.028 min  
Response: 1817598  
Conc: 56.46 ng/ml



#40 AR-1262-5

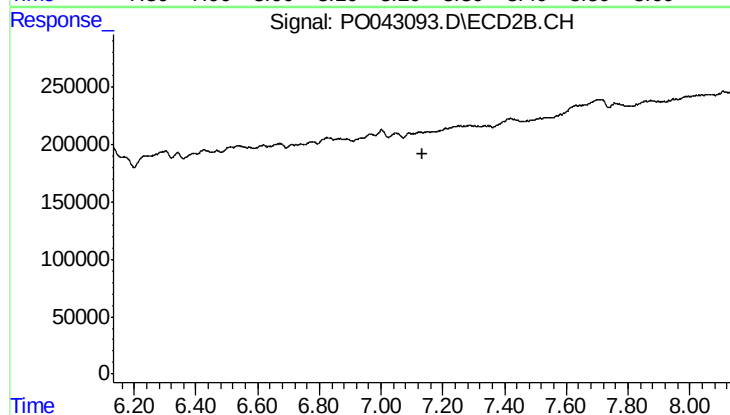
R.T.: 0.000 min  
Exp R.T.: 6.858 min  
Response: 0  
Conc: N.D.



#41 AR-1268-1

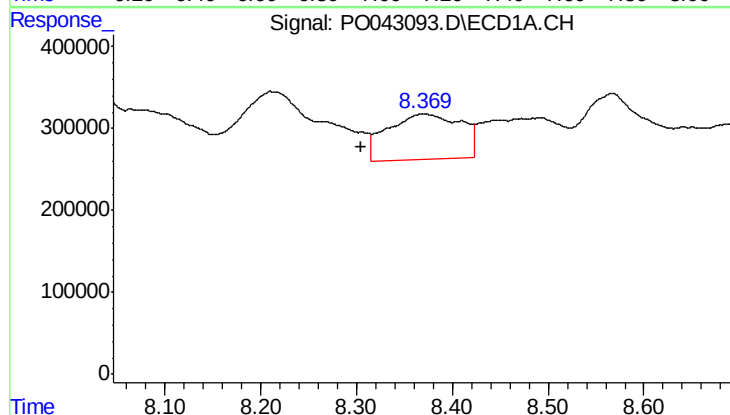
R.T.: 8.212 min  
Delta R.T.: -0.010 min  
Response: 5772313  
Conc: 152.76 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
13572RE



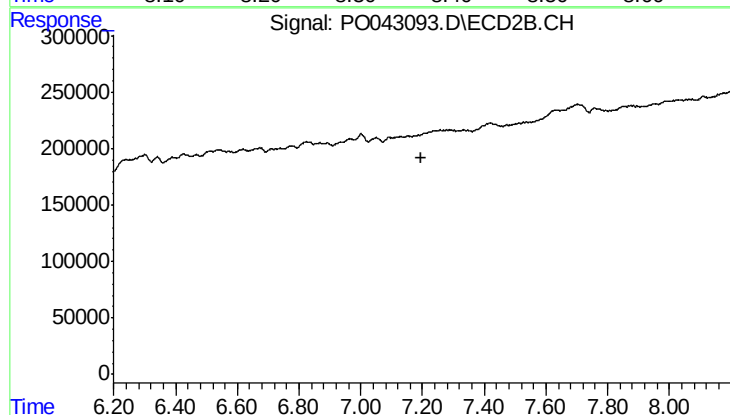
#41 AR-1268-1

R.T.: 0.000 min  
Exp R.T.: 7.133 min  
Response: 0  
Conc: N.D.



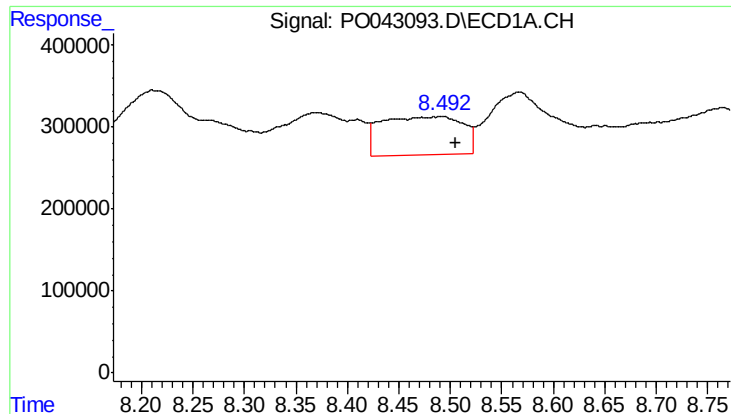
#42 AR-1268-2

R.T.: 8.370 min  
Delta R.T.: 0.065 min  
Response: 2988261  
Conc: 90.06 ng/ml



#42 AR-1268-2

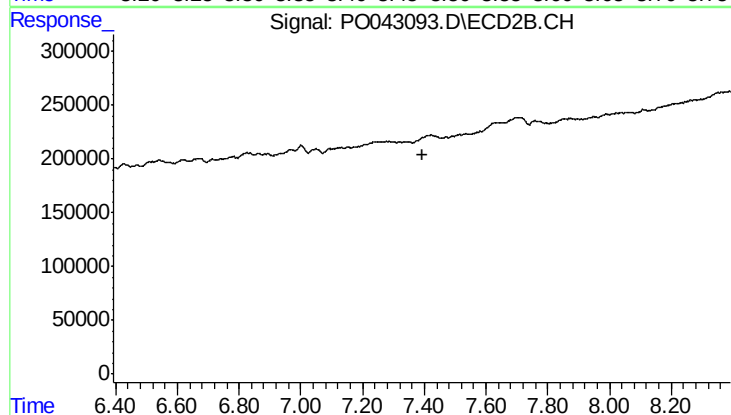
R.T.: 0.000 min  
Exp R.T.: 7.198 min  
Response: 0  
Conc: N.D.



#43 AR-1268-3

R.T.: 8.491 min  
Delta R.T.: -0.015 min  
Response: 2575787  
Conc: 90.99 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
13572RE



#43 AR-1268-3

R.T.: 0.000 min  
Exp R.T. : 7.393 min  
Response: 0  
Conc: N.D.