

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_0\Data\P0052720\  
 Data File : P0068597.D  
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
 Acq On : 27 May 2020 13:22  
 Operator : DD\AJ  
 Sample : L2745-06RE  
 Misc :  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 ECD\_O  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: May 27 13:38:58 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_0\methods\P0050820.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Fri May 08 13:29:29 2020  
 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... | 4.892  | 3.928 | 526710 | 765364 | 18.780 | 22.305    |
| 2)                          | SA Decachlor... | 10.888 | 9.199 | 4266   | 362340 | 0.107  | 9.412 #   |
| Target Compounds            |                 |        |       |        |        |        |           |
| 3)                          | L1 AR-1016-1    | 6.227  | 0.000 | 24572  | 0      | 22.455 | N.D. #    |
| 4)                          | L1 AR-1016-2    | 6.227  | 0.000 | 24572  | 0      | 16.367 | N.D. #    |
| 7)                          | L1 AR-1016-5    | 6.673  | 5.731 | 6970   | 68973  | 9.168  | 64.229 #  |
| 9)                          | L2 AR-1221-2    | 5.246  | 4.279 | 9528   | 19303  | 40.830 | 64.080 #  |
| 10)                         | L2 AR-1221-3    | 5.346  | 4.423 | 6664   | 23257  | 8.808  | 24.834 #  |
| 11)                         | L3 AR-1232-1    | 5.346  | 4.423 | 6664   | 23257  | 10.850 | 30.152 #  |
| 12)                         | L3 AR-1232-2    | 5.990  | 0.000 | 16296  | 0      | 52.881 | N.D. #    |
| 13)                         | L3 AR-1232-3    | 6.227  | 0.000 | 24572  | 0      | 38.540 | N.D. #    |
| 15)                         | L3 AR-1232-5    | 0.000  | 5.731 | 0      | 68973  | N.D.   | 165.546 # |
| 16)                         | L4 AR-1242-1    | 6.227  | 0.000 | 24572  | 0      | 27.927 | N.D. #    |
| 17)                         | L4 AR-1242-2    | 6.227  | 0.000 | 24572  | 0      | 20.553 | N.D. #    |
| 20)                         | L4 AR-1242-5    | 7.150  | 6.049 | 40190  | 68531  | 54.418 | 67.952    |
| 21)                         | L5 AR-1248-1    | 6.227  | 0.000 | 24572  | 0      | 37.068 | N.D. #    |
| 23)                         | L5 AR-1248-3    | 6.673  | 0.000 | 6970   | 0      | 7.086  | N.D. #    |
| 24)                         | L5 AR-1248-4    | 7.150  | 5.731 | 40190  | 68973  | 34.071 | 53.450 #  |
| 25)                         | L5 AR-1248-5    | 7.150  | 6.074 | 40190  | 77402  | 36.084 | 59.497 #  |
| 26)                         | L6 AR-1254-1    | 7.122  | 6.049 | 26742  | 68531  | 22.487 | 33.818 #  |
| 27)                         | L6 AR-1254-2    | 7.351  | 6.206 | 29209  | 64592  | 15.823 | 36.047 #  |
| 28)                         | L6 AR-1254-3    | 7.750  | 6.625 | 98118  | 49944  | 50.680 | 17.357 #  |
| 29)                         | L6 AR-1254-4    | 8.021  | 6.900 | 5348   | 10470  | 3.342  | 5.427 #   |
| 30)                         | L6 AR-1254-5    | 8.475  | 7.292 | 22463  | 85956  | 13.674 | 31.873 #  |
| 31)                         | L7 AR-1260-1    | 7.915  | 6.762 | 12797  | 52259  | 9.185  | 27.229 #  |
| 32)                         | L7 AR-1260-2    | 8.155  | 6.961 | 79275  | 36332  | 44.681 | 15.486 #  |
| 33)                         | L7 AR-1260-3    | 8.540  | 7.113 | 2199   | 31983  | 1.513  | 14.676 #  |
| 34)                         | L7 AR-1260-4    | 8.787  | 7.594 | 2150   | 22958  | 1.381  | 12.069 #  |
| 35)                         | L7 AR-1260-5    | 9.069  | 7.843 | 42084  | 44700  | 12.669 | 10.058    |
| 36)                         | L8 AR-1262-1    | 8.540  | 7.292 | 2199   | 85956  | 1.099  | 60.426 #  |
| 37)                         | L8 AR-1262-2    | 9.069  | 7.843 | 42084  | 44700  | 11.675 | 9.618     |
| 38)                         | L8 AR-1262-3    | 9.393  | 8.130 | 19799  | 36248  | 7.628  | 18.773 #  |
| 39)                         | L8 AR-1262-4    | 9.502  | 8.189 | 1874   | 43617  | 0.907  | 12.418 #  |
| 40)                         | L8 AR-1262-5    | 10.157 | 8.686 | 2779   | 14618  | 1.819  | 8.474 #   |
| 41)                         | L9 AR-1268-1    | 9.393  | 8.130 | 19799  | 36248  | 4.158  | 6.441 #   |
| 42)                         | L9 AR-1268-2    | 9.502  | 8.189 | 1874   | 43617  | 0.410  | 8.526 #   |
| 43)                         | L9 AR-1268-3    | 9.706  | 8.399 | 2364   | 19572  | 0.598  | 4.616 #   |
| 44)                         | L9 AR-1268-4    | 10.157 | 8.686 | 2779   | 14618  | 1.557  | 7.223 #   |
| 45)                         | L9 AR-1268-5    | 10.547 | 8.961 | 1560   | 37883  | 0.120  | 2.877 #   |
| -----                       |                 |        |       |        |        |        |           |

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

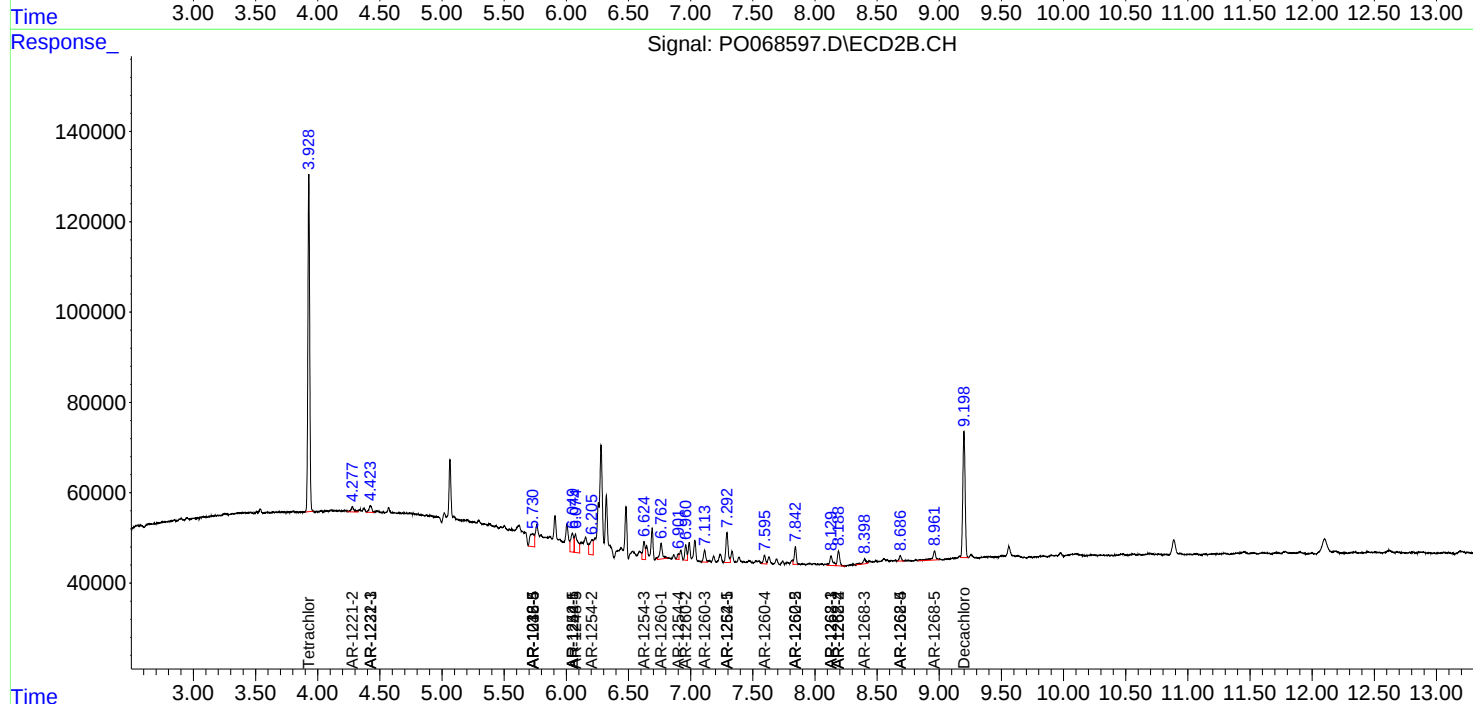
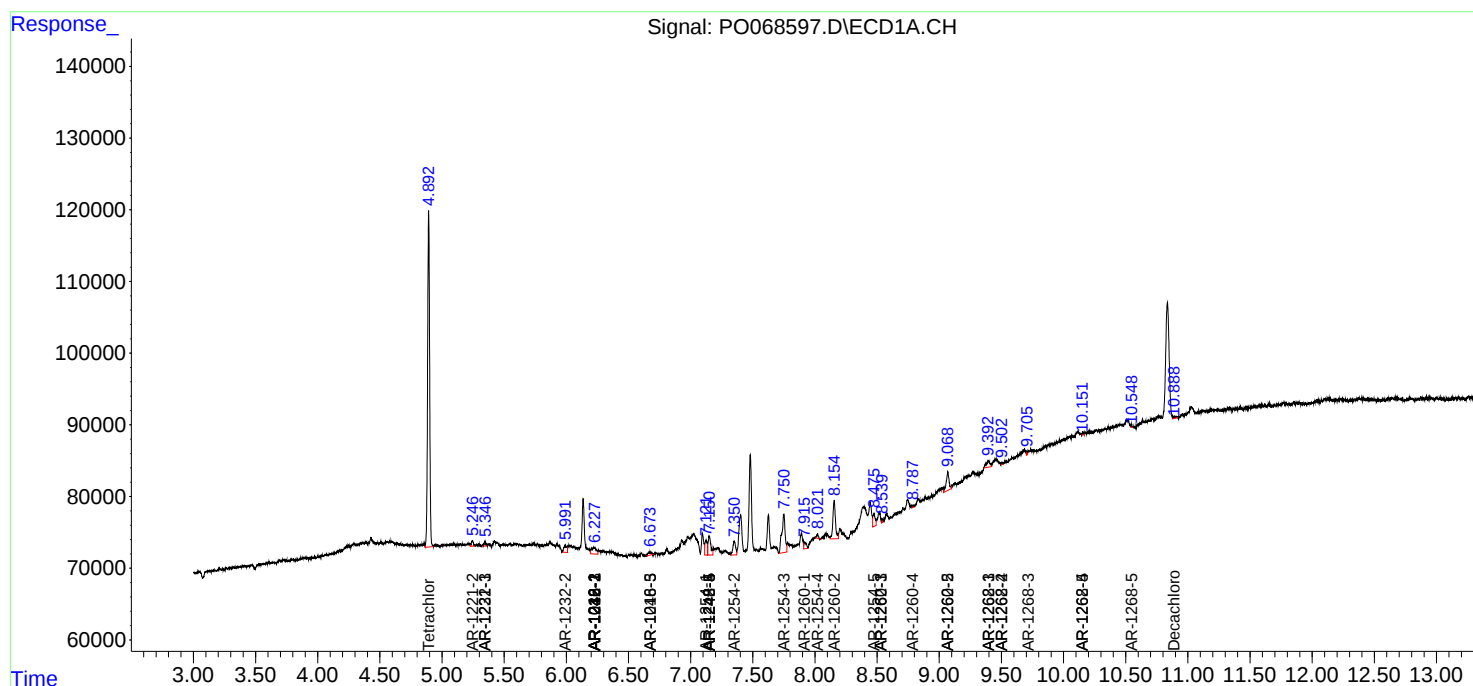
Instrument :  
ECD\_O  
ClientSampleId :

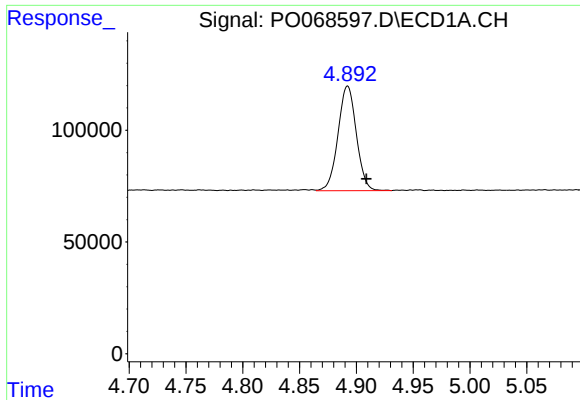
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\P0052720\  
Data File : P0068597.D  
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
Acq On : 27 May 2020 13:22  
Operator : DD\AJ  
Sample : L2745-06RE  
Misc :  
ALS Vial : 21 Sample Multiplier: 1

Instrument :  
ECD\_O  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: May 27 13:38:58 2020  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\P0050820.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Fri May 08 13:29:29 2020  
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

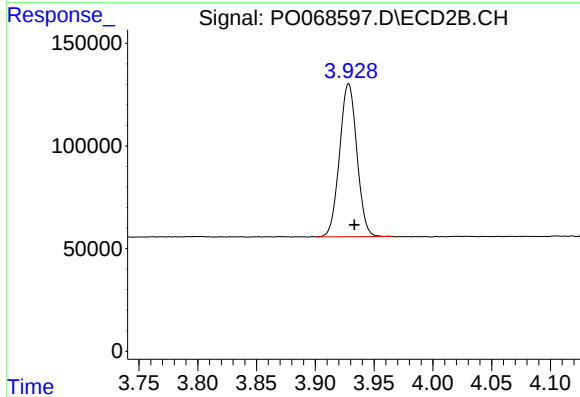




#1 Tetrachloro-m-xylene

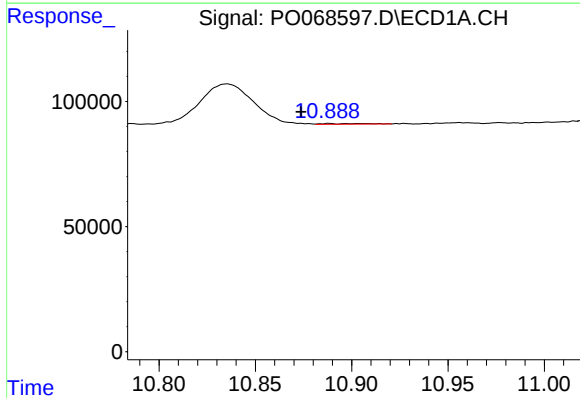
R.T.: 4.892 min  
Delta R.T.: -0.017 min  
Response: 526710  
Conc: 18.78 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



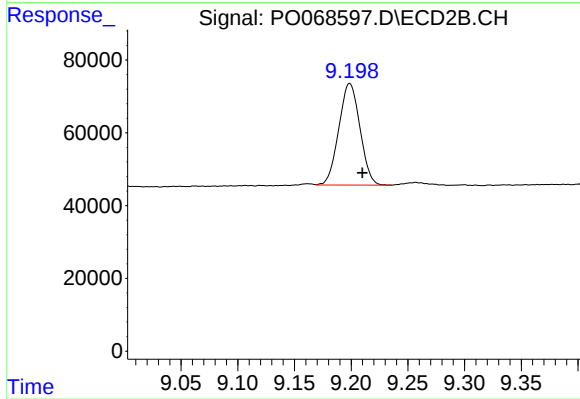
#1 Tetrachloro-m-xylene

R.T.: 3.928 min  
Delta R.T.: -0.005 min  
Response: 765364  
Conc: 22.30 ng/ml



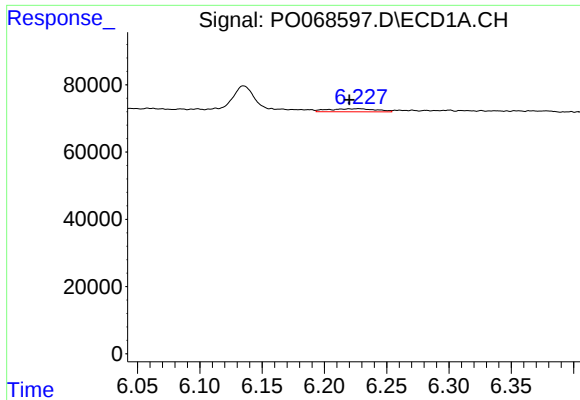
#2 Decachlorobiphenyl

R.T.: 10.888 min  
Delta R.T.: 0.015 min  
Response: 4266  
Conc: 0.11 ng/ml



#2 Decachlorobiphenyl

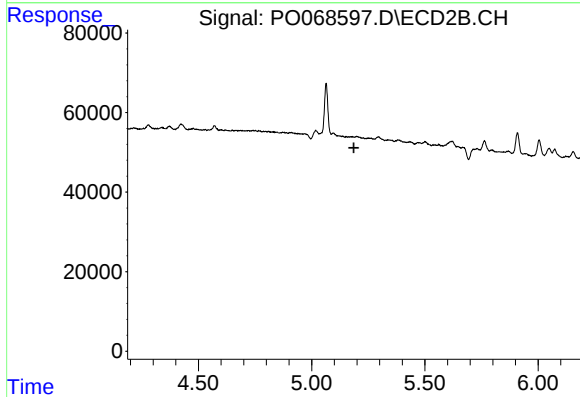
R.T.: 9.199 min  
Delta R.T.: -0.011 min  
Response: 362340  
Conc: 9.41 ng/ml



#3 AR-1016-1

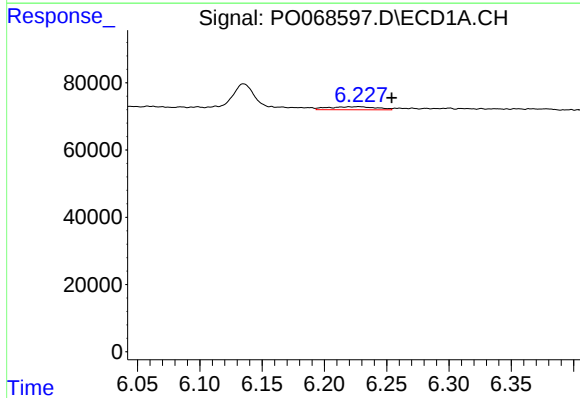
R.T.: 6.227 min  
Delta R.T.: 0.007 min  
Response: 24572  
Conc: 22.45 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



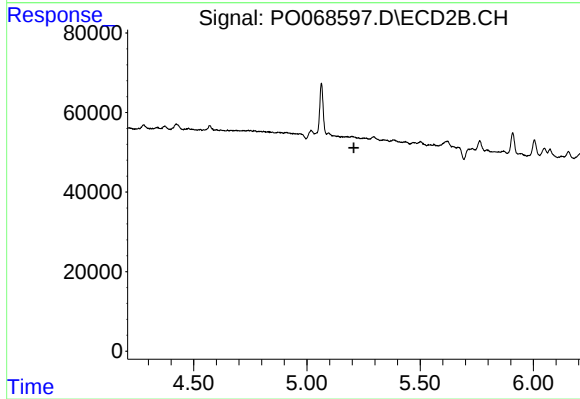
#3 AR-1016-1

R.T.: 0.000 min  
Exp R.T. : 5.187 min  
Response: 0  
Conc: N.D.



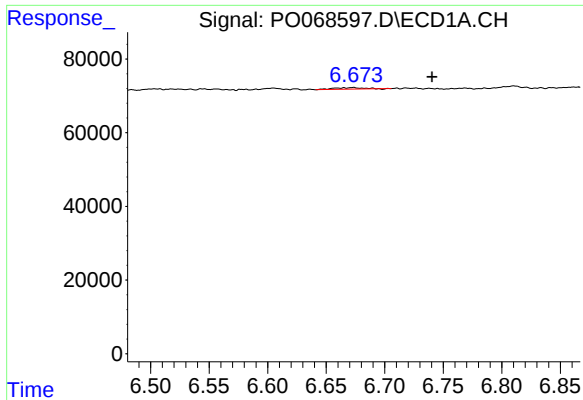
#4 AR-1016-2

R.T.: 6.227 min  
Delta R.T.: -0.027 min  
Response: 24572  
Conc: 16.37 ng/ml



#4 AR-1016-2

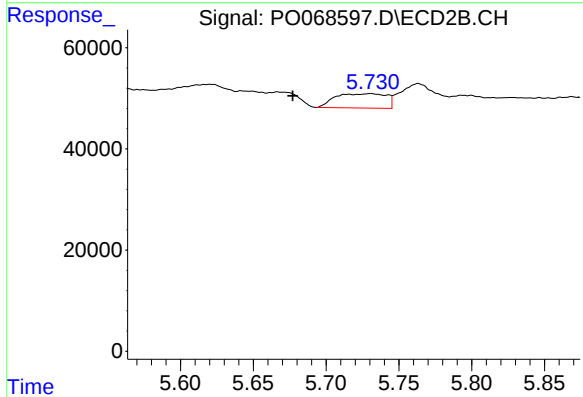
R.T.: 0.000 min  
Exp R.T. : 5.207 min  
Response: 0  
Conc: N.D.



#7 AR-1016-5

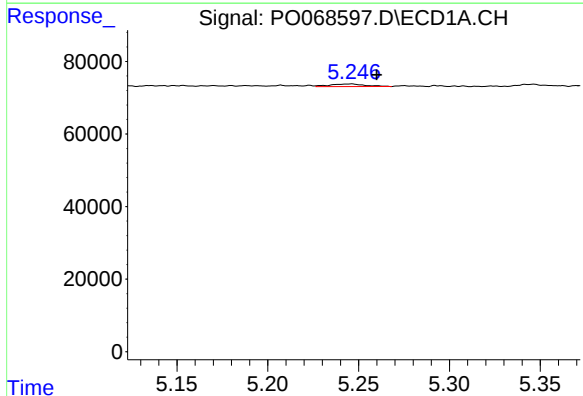
R.T.: 6.673 min  
Delta R.T.: -0.067 min  
Response: 6970  
Conc: 9.17 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



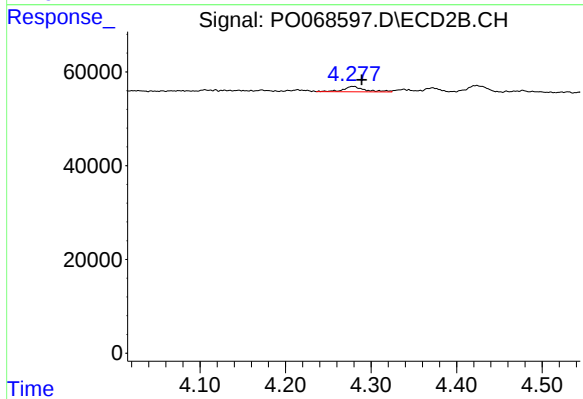
#7 AR-1016-5

R.T.: 5.731 min  
Delta R.T.: 0.054 min  
Response: 68973  
Conc: 64.23 ng/ml



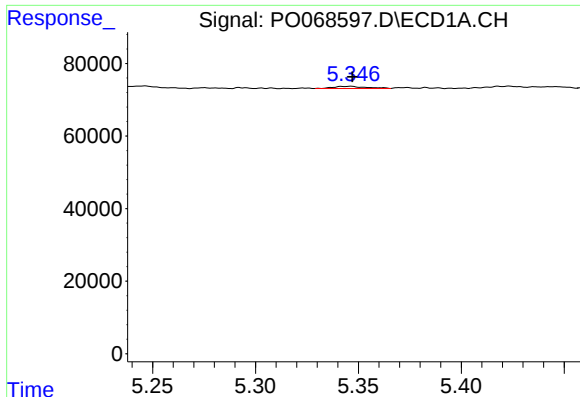
#9 AR-1221-2

R.T.: 5.246 min  
Delta R.T.: -0.014 min  
Response: 9528  
Conc: 40.83 ng/ml



#9 AR-1221-2

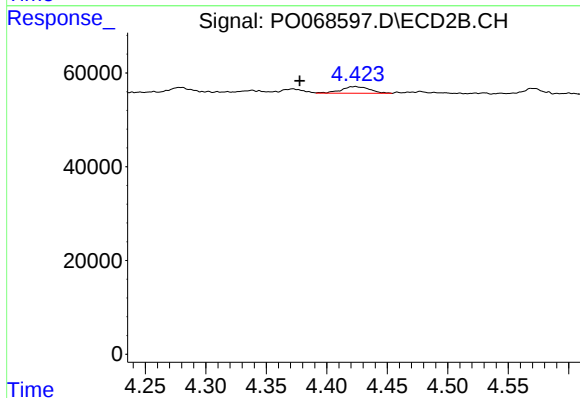
R.T.: 4.279 min  
Delta R.T.: -0.010 min  
Response: 19303  
Conc: 64.08 ng/ml



#10 AR-1221-3

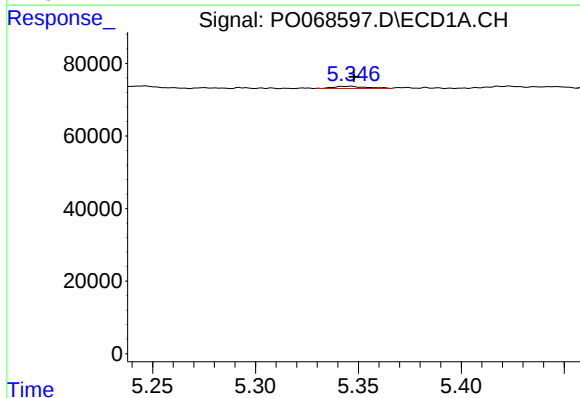
R.T.: 5.346 min  
Delta R.T.: -0.001 min  
Response: 6664  
Conc: 8.81 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



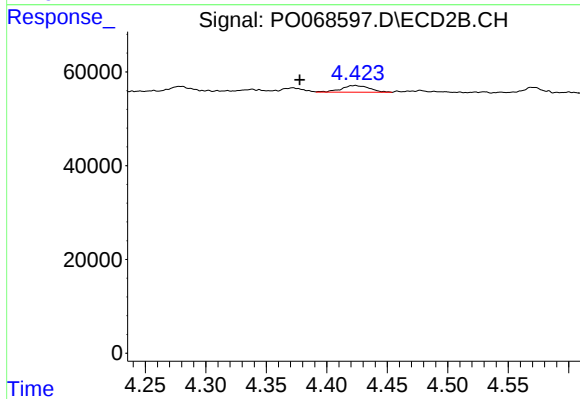
#10 AR-1221-3

R.T.: 4.423 min  
Delta R.T.: 0.046 min  
Response: 23257  
Conc: 24.83 ng/ml



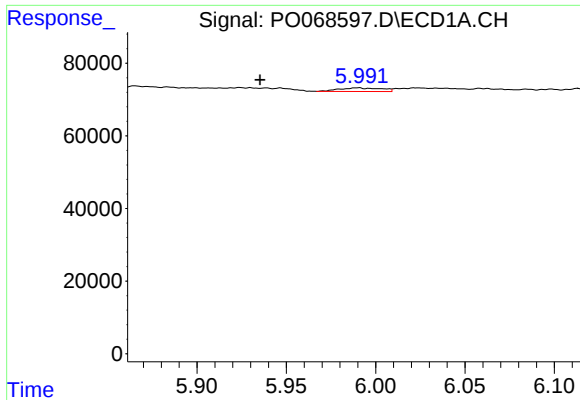
#11 AR-1232-1

R.T.: 5.346 min  
Delta R.T.: -0.002 min  
Response: 6664  
Conc: 10.85 ng/ml



#11 AR-1232-1

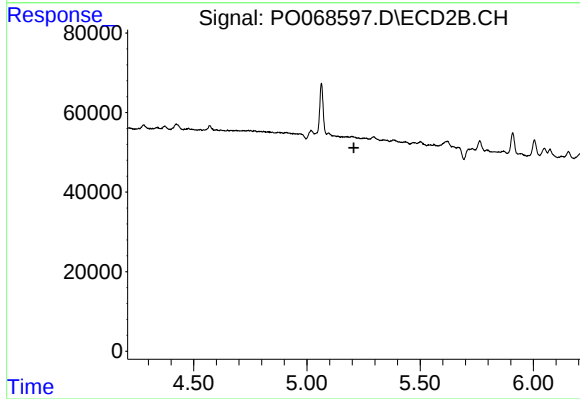
R.T.: 4.423 min  
Delta R.T.: 0.046 min  
Response: 23257  
Conc: 30.15 ng/ml



#12 AR-1232-2

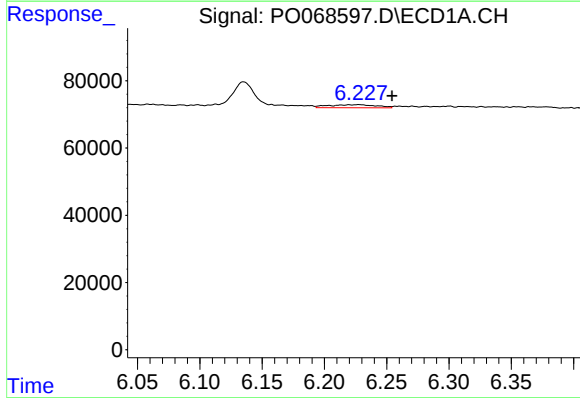
R.T.: 5.990 min  
Delta R.T.: 0.055 min  
Response: 16296  
Conc: 52.88 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



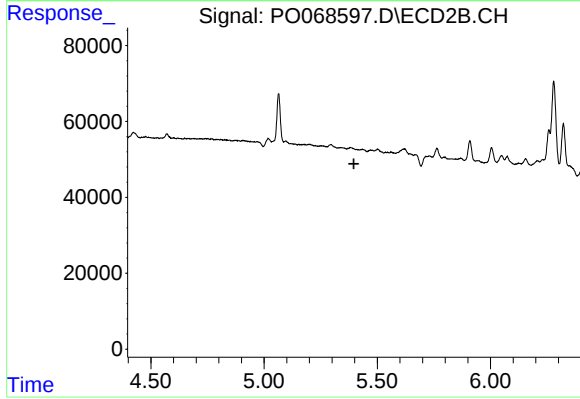
#12 AR-1232-2

R.T.: 0.000 min  
Exp R.T. : 5.208 min  
Response: 0  
Conc: N.D.



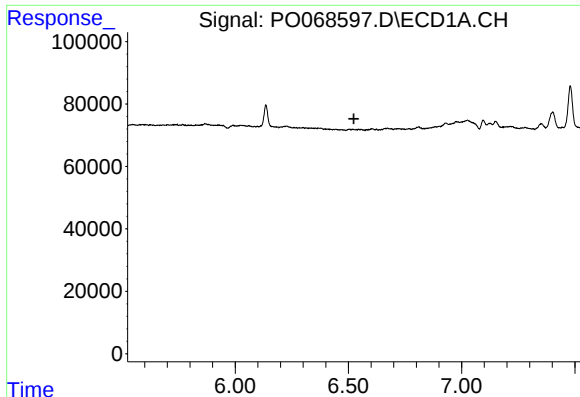
#13 AR-1232-3

R.T.: 6.227 min  
Delta R.T.: -0.027 min  
Response: 24572  
Conc: 38.54 ng/ml



#13 AR-1232-3

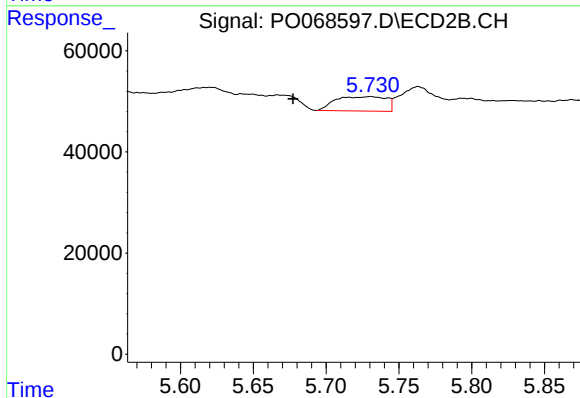
R.T.: 0.000 min  
Exp R.T. : 5.397 min  
Response: 0  
Conc: N.D.



#15 AR-1232-5

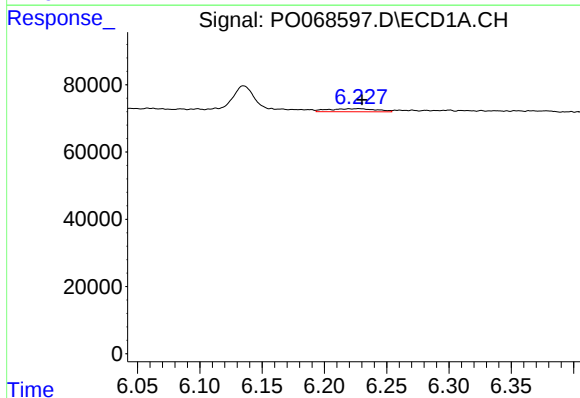
R.T.: 0.000 min  
Exp R.T.: 6.524 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :



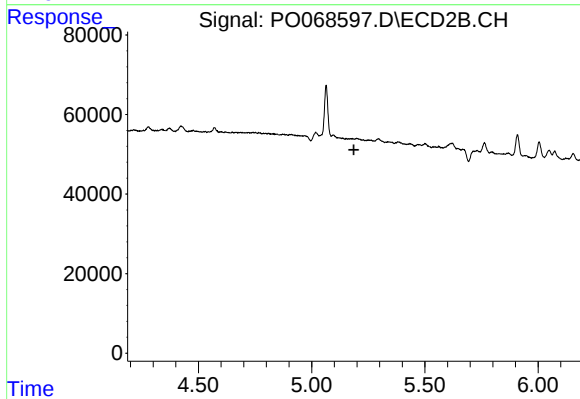
#15 AR-1232-5

R.T.: 5.731 min  
Delta R.T.: 0.053 min  
Response: 68973  
Conc: 165.55 ng/ml



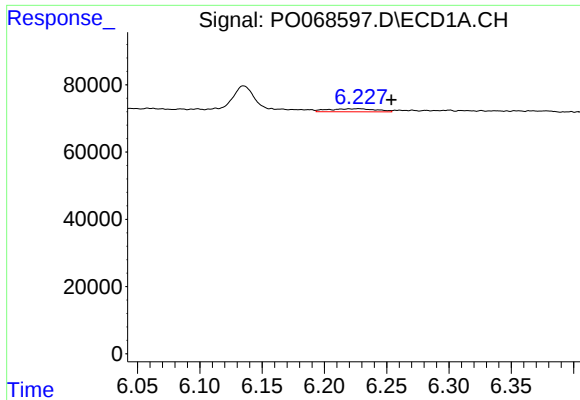
#16 AR-1242-1

R.T.: 6.227 min  
Delta R.T.: -0.003 min  
Response: 24572  
Conc: 27.93 ng/ml



#16 AR-1242-1

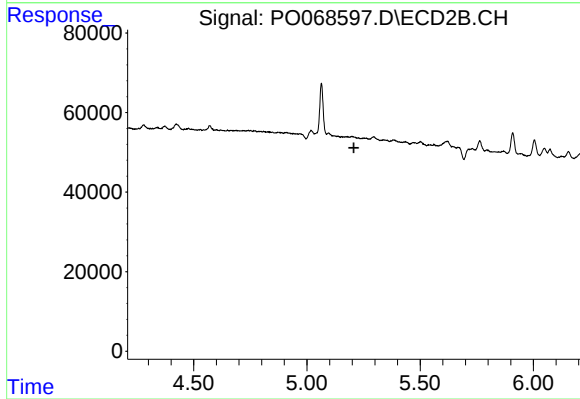
R.T.: 0.000 min  
Exp R.T.: 5.187 min  
Response: 0  
Conc: N.D.



#17 AR-1242-2

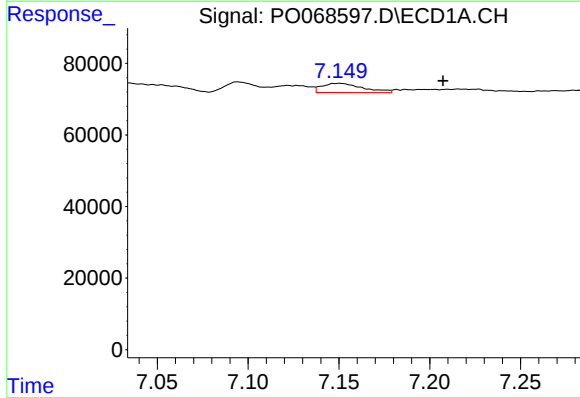
R.T.: 6.227 min  
Delta R.T.: -0.026 min  
Response: 24572  
Conc: 20.55 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



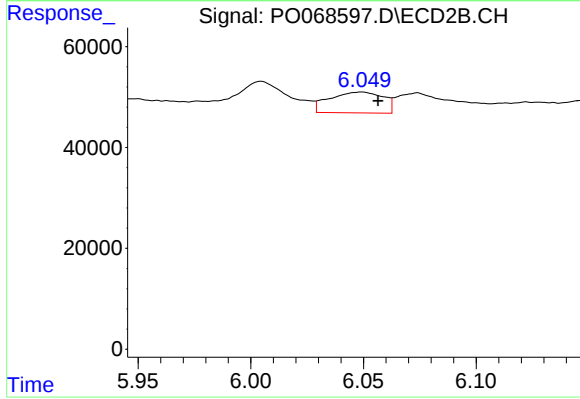
#17 AR-1242-2

R.T.: 0.000 min  
Exp R.T. : 5.207 min  
Response: 0  
Conc: N.D.



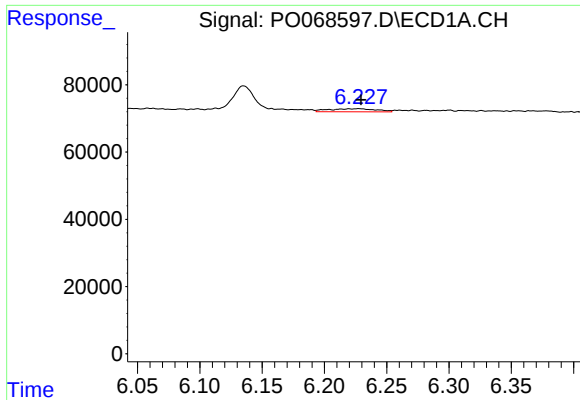
#20 AR-1242-5

R.T.: 7.150 min  
Delta R.T.: -0.057 min  
Response: 40190  
Conc: 54.42 ng/ml



#20 AR-1242-5

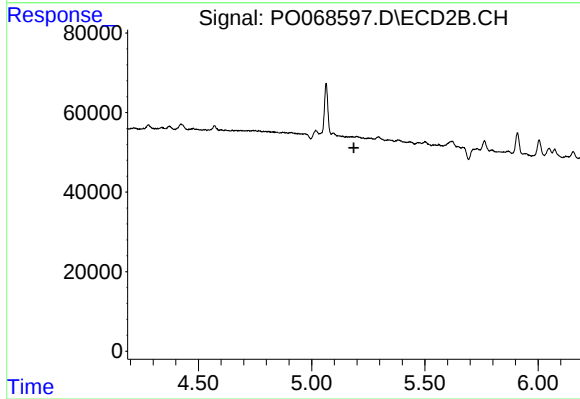
R.T.: 6.049 min  
Delta R.T.: -0.007 min  
Response: 68531  
Conc: 67.95 ng/ml



#21 AR-1248-1

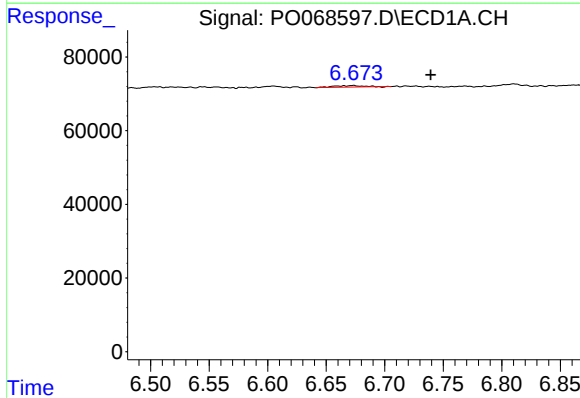
R.T.: 6.227 min  
Delta R.T.: -0.002 min  
Response: 24572  
Conc: 37.07 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



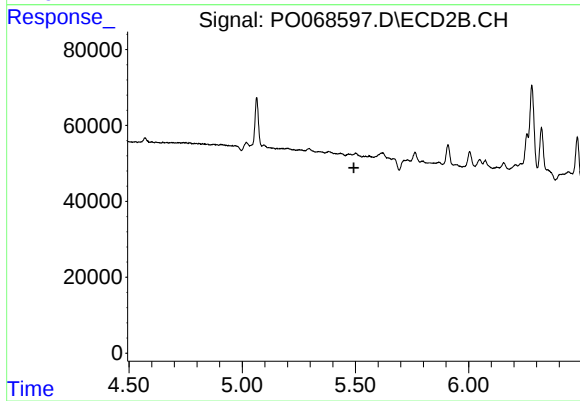
#21 AR-1248-1

R.T.: 0.000 min  
Exp R.T. : 5.186 min  
Response: 0  
Conc: N.D.



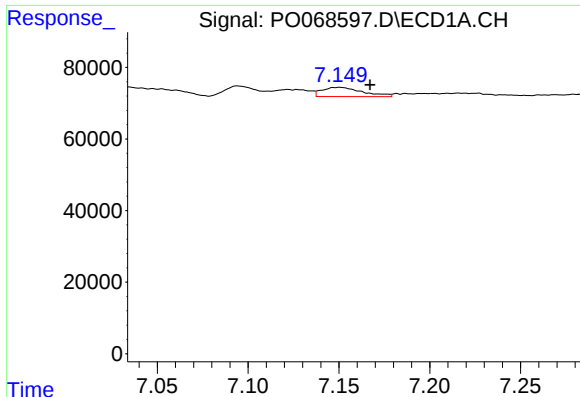
#23 AR-1248-3

R.T.: 6.673 min  
Delta R.T.: -0.066 min  
Response: 6970  
Conc: 7.09 ng/ml



#23 AR-1248-3

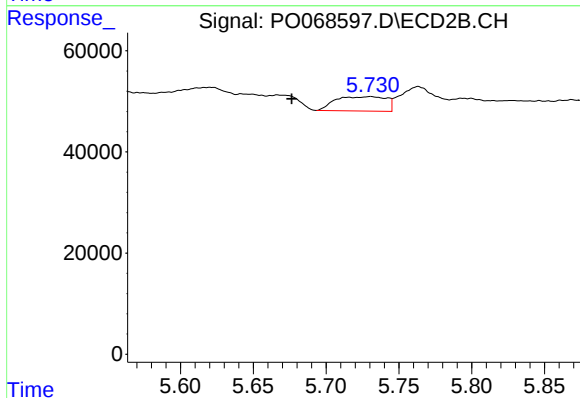
R.T.: 0.000 min  
Exp R.T. : 5.494 min  
Response: 0  
Conc: N.D.



#24 AR-1248-4

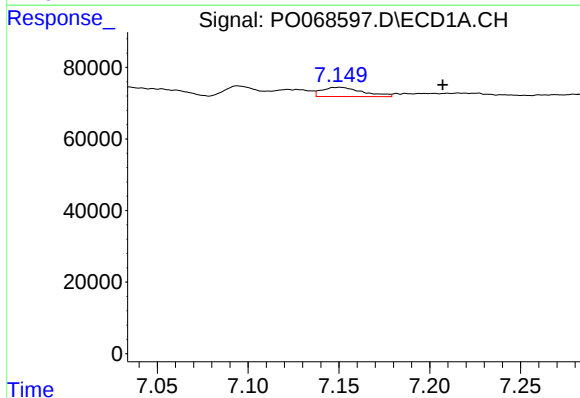
R.T.: 7.150 min  
Delta R.T.: -0.017 min  
Response: 40190  
Conc: 34.07 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



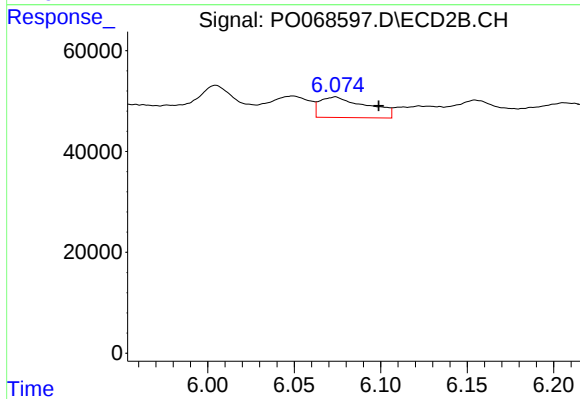
#24 AR-1248-4

R.T.: 5.731 min  
Delta R.T.: 0.054 min  
Response: 68973  
Conc: 53.45 ng/ml



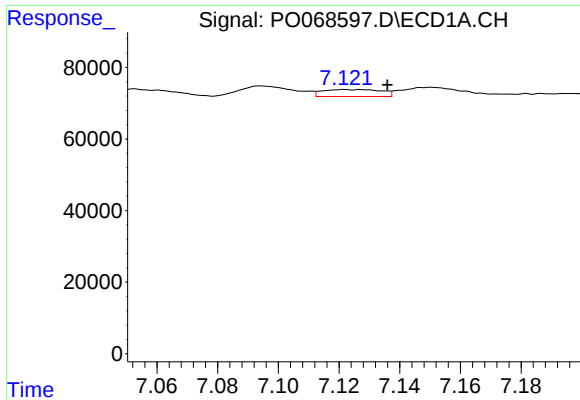
#25 AR-1248-5

R.T.: 7.150 min  
Delta R.T.: -0.057 min  
Response: 40190  
Conc: 36.08 ng/ml



#25 AR-1248-5

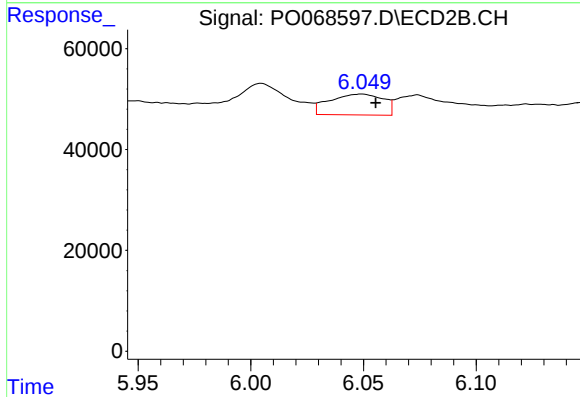
R.T.: 6.074 min  
Delta R.T.: -0.025 min  
Response: 77402  
Conc: 59.50 ng/ml



#26 AR-1254-1

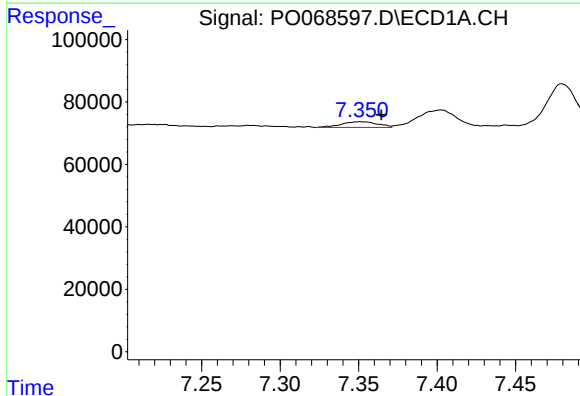
R.T.: 7.122 min  
Delta R.T.: -0.014 min  
Response: 26742  
Conc: 22.49 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



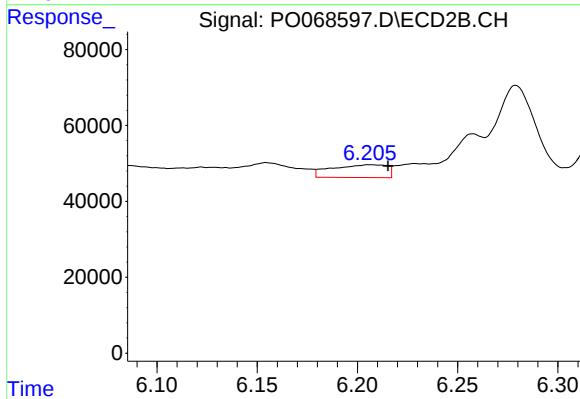
#26 AR-1254-1

R.T.: 6.049 min  
Delta R.T.: -0.006 min  
Response: 68531  
Conc: 33.82 ng/ml



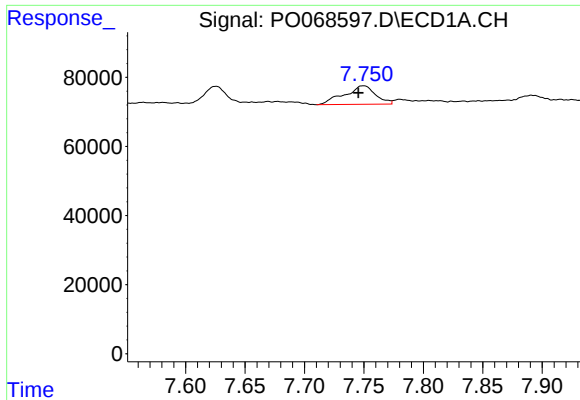
#27 AR-1254-2

R.T.: 7.351 min  
Delta R.T.: -0.014 min  
Response: 29209  
Conc: 15.82 ng/ml



#27 AR-1254-2

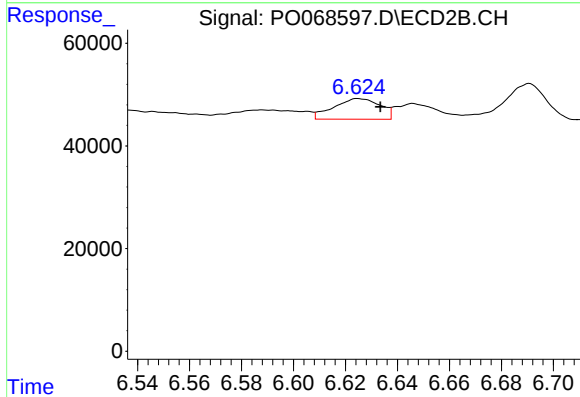
R.T.: 6.206 min  
Delta R.T.: -0.009 min  
Response: 64592  
Conc: 36.05 ng/ml



#28 AR-1254-3

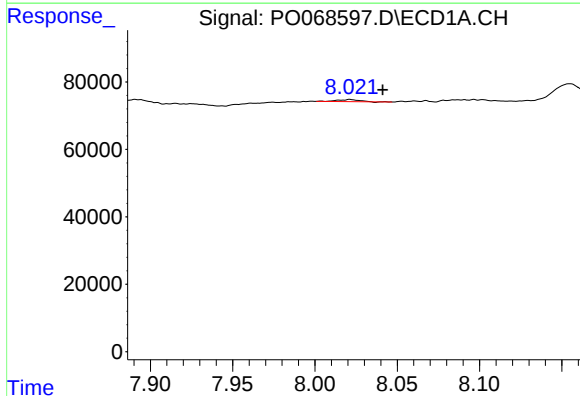
R.T.: 7.750 min  
Delta R.T.: 0.004 min  
Response: 98118  
Conc: 50.68 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



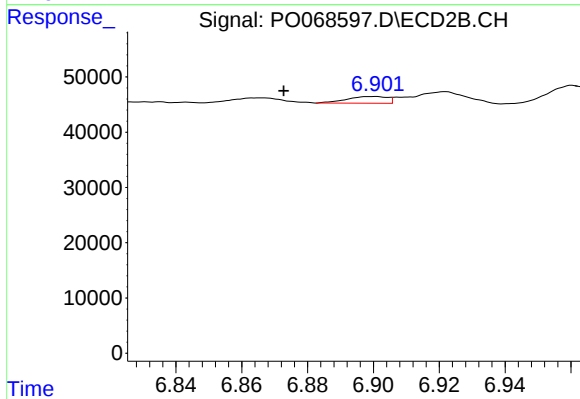
#28 AR-1254-3

R.T.: 6.625 min  
Delta R.T.: -0.008 min  
Response: 49944  
Conc: 17.36 ng/ml



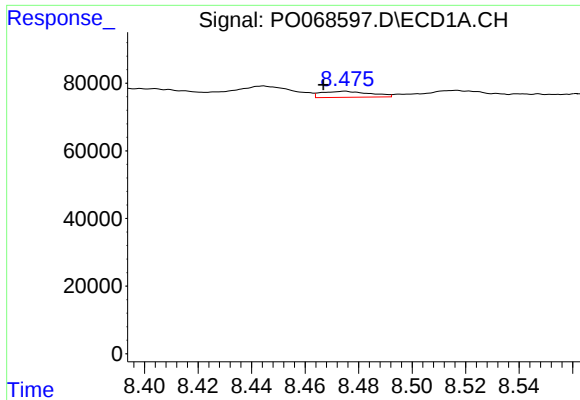
#29 AR-1254-4

R.T.: 8.021 min  
Delta R.T.: -0.020 min  
Response: 5348  
Conc: 3.34 ng/ml



#29 AR-1254-4

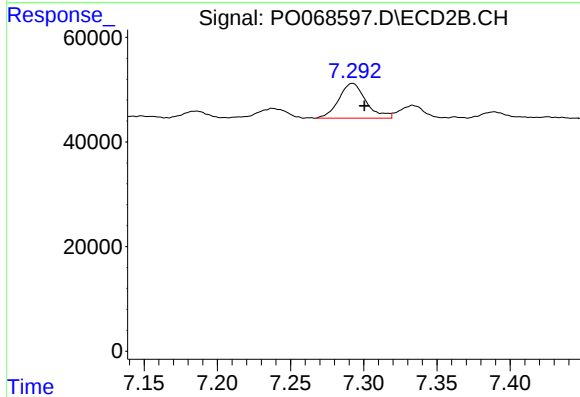
R.T.: 6.900 min  
Delta R.T.: 0.027 min  
Response: 10470  
Conc: 5.43 ng/ml



#30 AR-1254-5

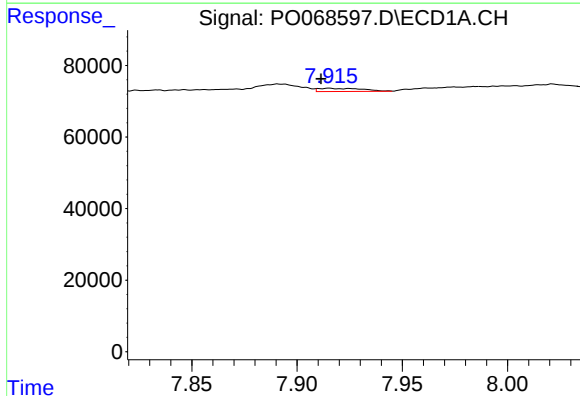
R.T.: 8.475 min  
Delta R.T.: 0.008 min  
Response: 22463  
Conc: 13.67 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



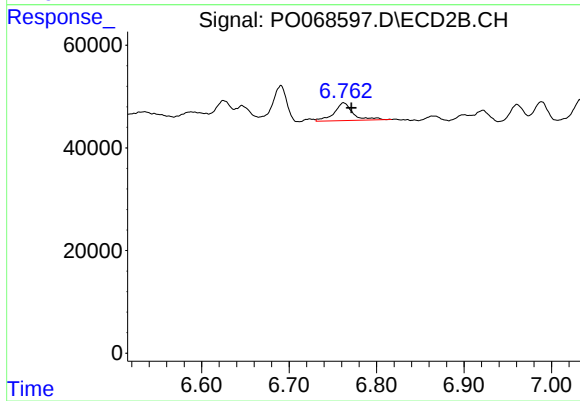
#30 AR-1254-5

R.T.: 7.292 min  
Delta R.T.: -0.008 min  
Response: 85956  
Conc: 31.87 ng/ml



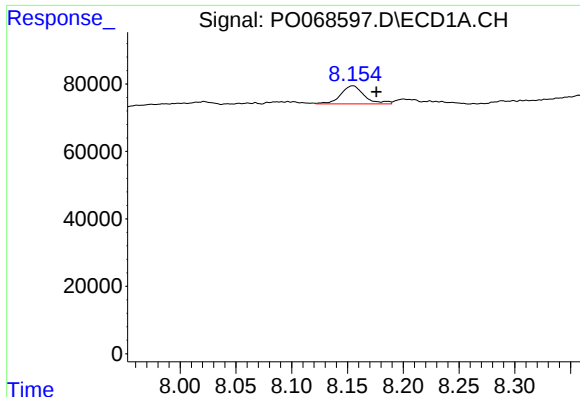
#31 AR-1260-1

R.T.: 7.915 min  
Delta R.T.: 0.004 min  
Response: 12797  
Conc: 9.19 ng/ml



#31 AR-1260-1

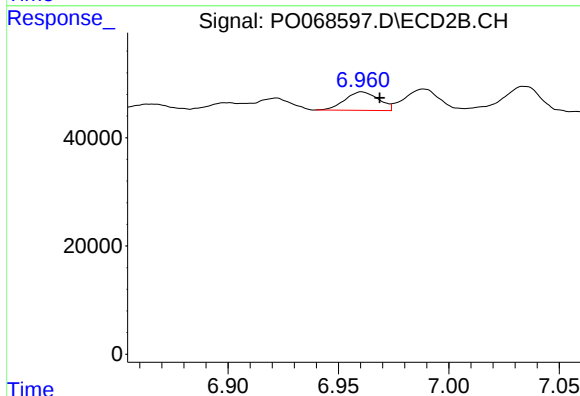
R.T.: 6.762 min  
Delta R.T.: -0.009 min  
Response: 52259  
Conc: 27.23 ng/ml



#32 AR-1260-2

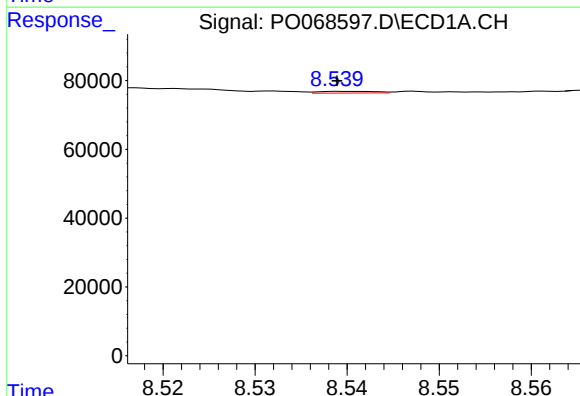
R.T.: 8.155 min  
Delta R.T.: -0.021 min  
Response: 79275  
Conc: 44.68 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



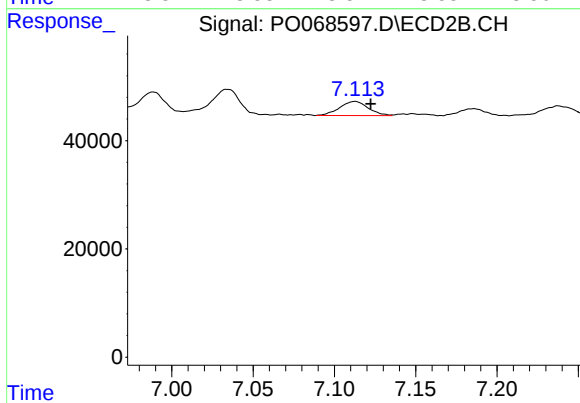
#32 AR-1260-2

R.T.: 6.961 min  
Delta R.T.: -0.008 min  
Response: 36332  
Conc: 15.49 ng/ml



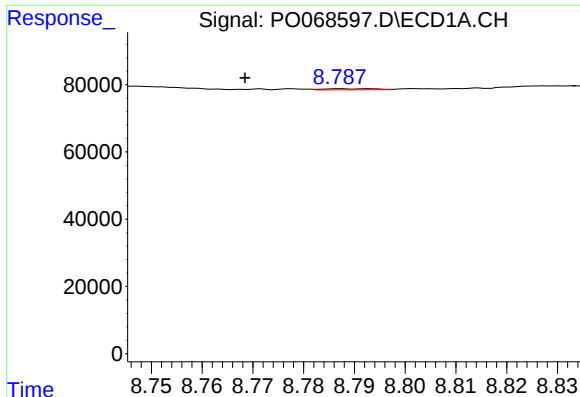
#33 AR-1260-3

R.T.: 8.540 min  
Delta R.T.: 0.001 min  
Response: 2199  
Conc: 1.51 ng/ml



#33 AR-1260-3

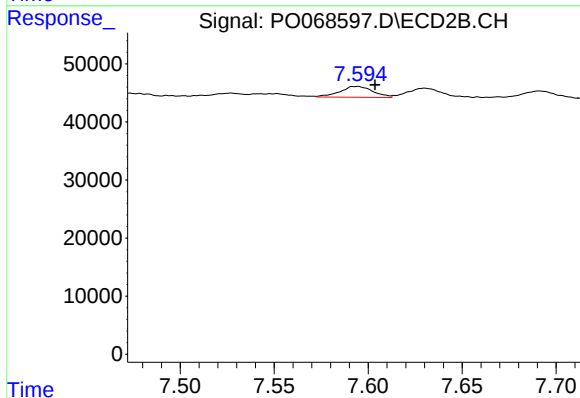
R.T.: 7.113 min  
Delta R.T.: -0.010 min  
Response: 31983  
Conc: 14.68 ng/ml



#34 AR-1260-4

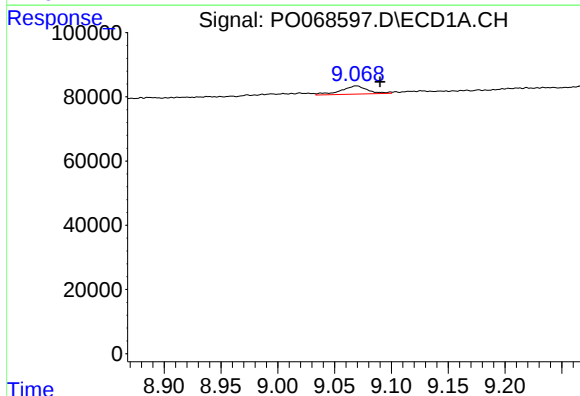
R.T.: 8.787 min  
Delta R.T.: 0.019 min  
Response: 2150  
Conc: 1.38 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



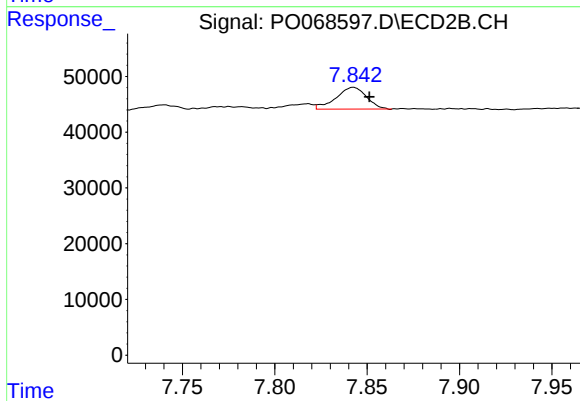
#34 AR-1260-4

R.T.: 7.594 min  
Delta R.T.: -0.010 min  
Response: 22958  
Conc: 12.07 ng/ml



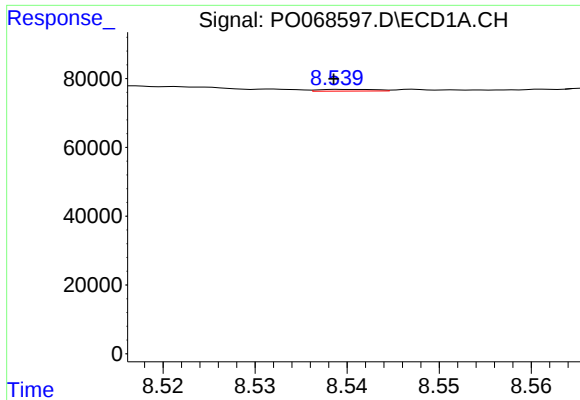
#35 AR-1260-5

R.T.: 9.069 min  
Delta R.T.: -0.021 min  
Response: 42084  
Conc: 12.67 ng/ml



#35 AR-1260-5

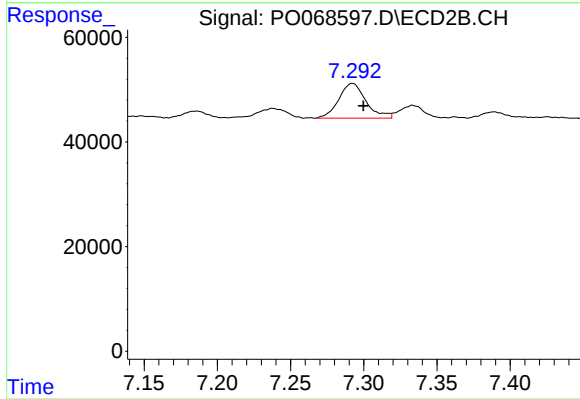
R.T.: 7.843 min  
Delta R.T.: -0.009 min  
Response: 44700  
Conc: 10.06 ng/ml



#36 AR-1262-1

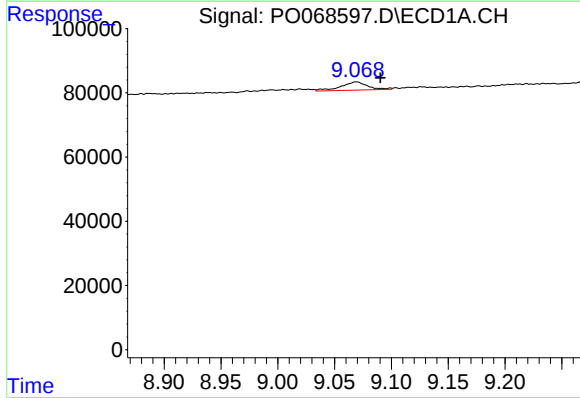
R.T.: 8.540 min  
Delta R.T.: 0.002 min  
Response: 2199  
Conc: 1.10 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



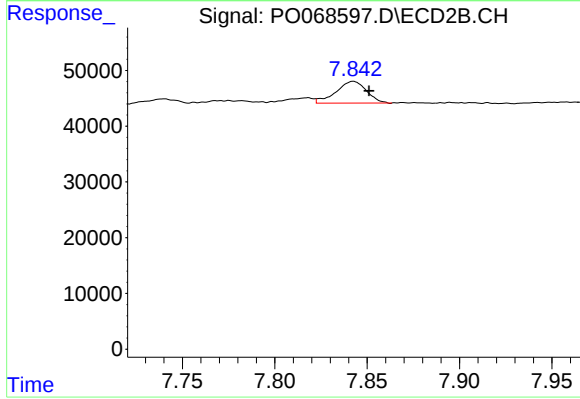
#36 AR-1262-1

R.T.: 7.292 min  
Delta R.T.: -0.007 min  
Response: 85956  
Conc: 60.43 ng/ml



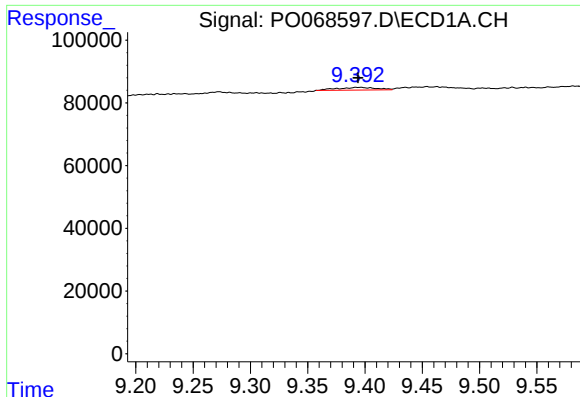
#37 AR-1262-2

R.T.: 9.069 min  
Delta R.T.: -0.021 min  
Response: 42084  
Conc: 11.67 ng/ml



#37 AR-1262-2

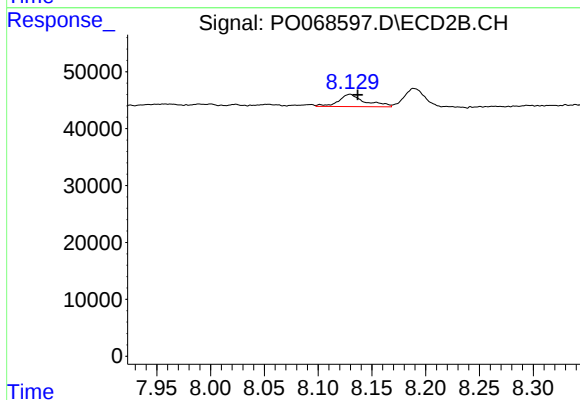
R.T.: 7.843 min  
Delta R.T.: -0.008 min  
Response: 44700  
Conc: 9.62 ng/ml



#38 AR-1262-3

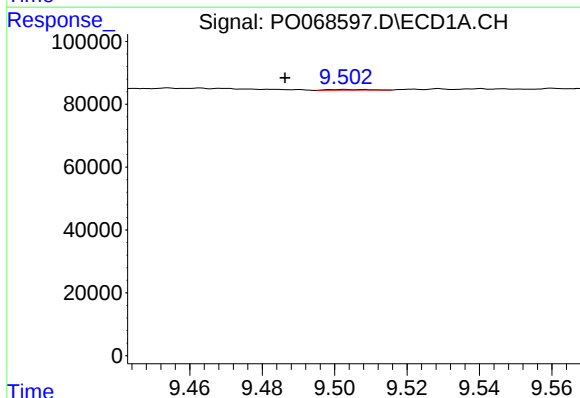
R.T.: 9.393 min  
Delta R.T.: -0.001 min  
Response: 19799  
Conc: 7.63 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



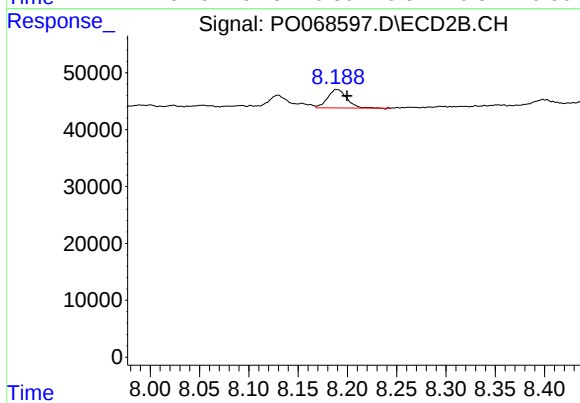
#38 AR-1262-3

R.T.: 8.130 min  
Delta R.T.: -0.007 min  
Response: 36248  
Conc: 18.77 ng/ml



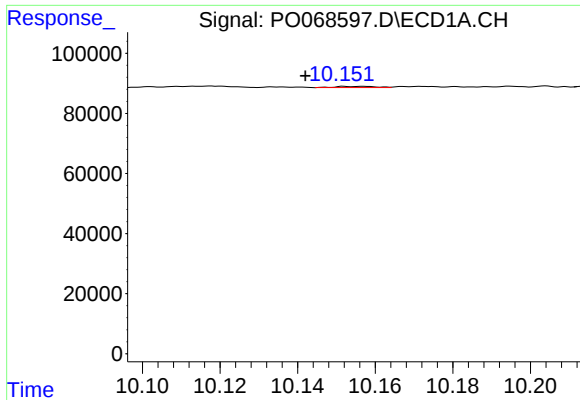
#39 AR-1262-4

R.T.: 9.502 min  
Delta R.T.: 0.016 min  
Response: 1874  
Conc: 0.91 ng/ml



#39 AR-1262-4

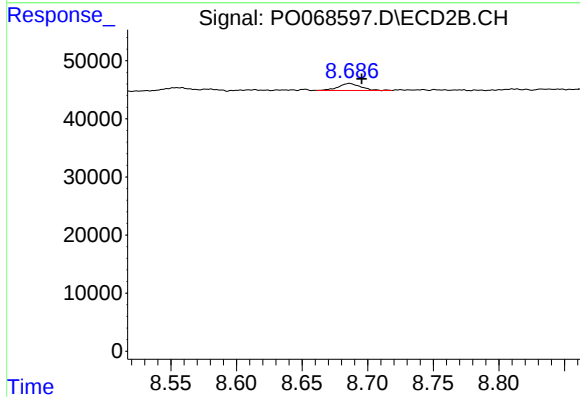
R.T.: 8.189 min  
Delta R.T.: -0.010 min  
Response: 43617  
Conc: 12.42 ng/ml



#40 AR-1262-5

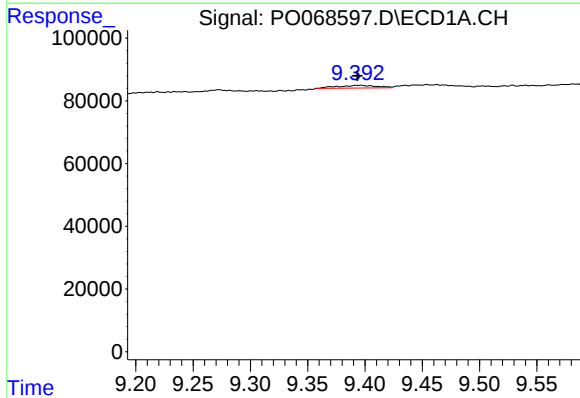
R.T.: 10.157 min  
Delta R.T.: 0.015 min  
Response: 2779  
Conc: 1.82 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



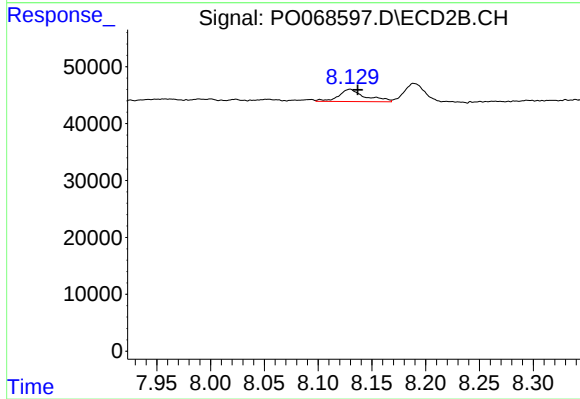
#40 AR-1262-5

R.T.: 8.686 min  
Delta R.T.: -0.010 min  
Response: 14618  
Conc: 8.47 ng/ml



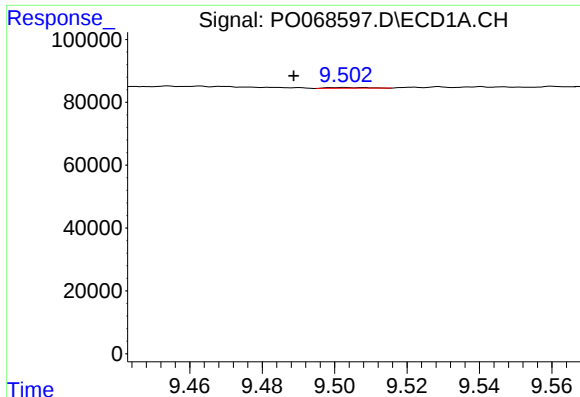
#41 AR-1268-1

R.T.: 9.393 min  
Delta R.T.: 0.000 min  
Response: 19799  
Conc: 4.16 ng/ml



#41 AR-1268-1

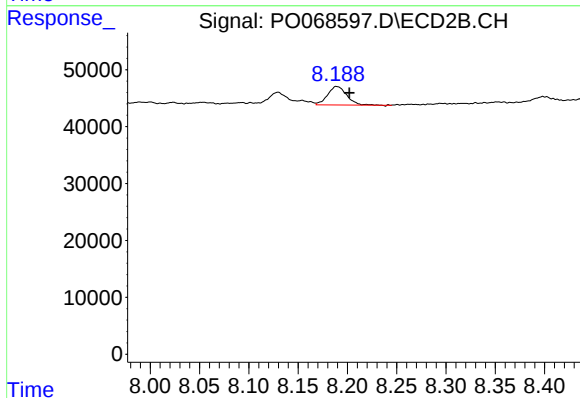
R.T.: 8.130 min  
Delta R.T.: -0.007 min  
Response: 36248  
Conc: 6.44 ng/ml



#42 AR-1268-2

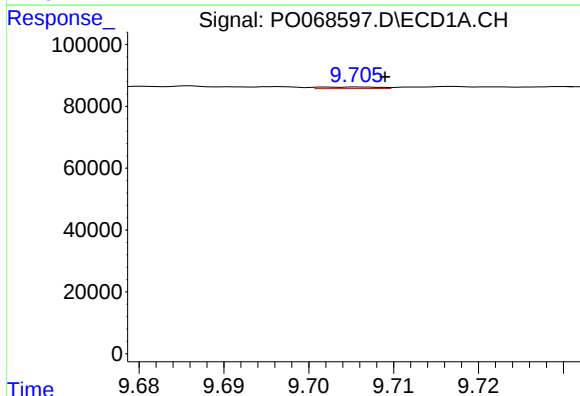
R.T.: 9.502 min  
Delta R.T.: 0.014 min  
Response: 1874  
Conc: 0.41 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



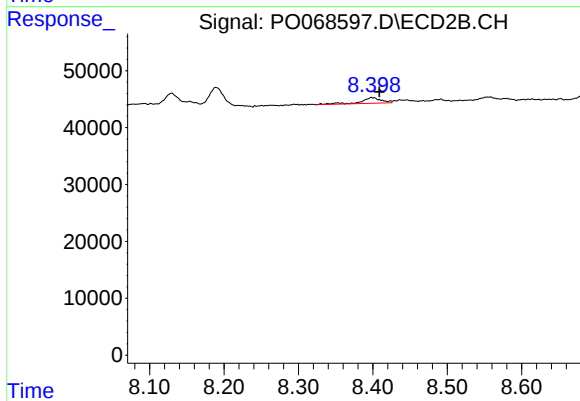
#42 AR-1268-2

R.T.: 8.189 min  
Delta R.T.: -0.013 min  
Response: 43617  
Conc: 8.53 ng/ml



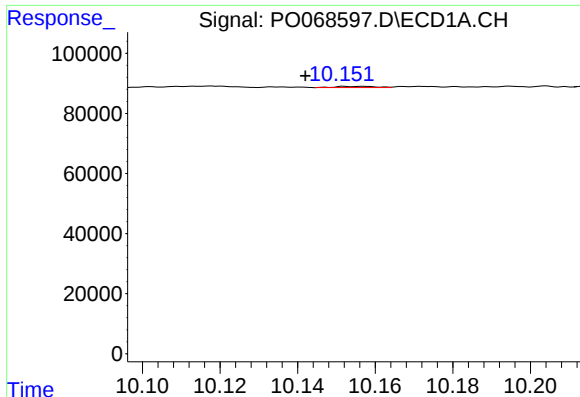
#43 AR-1268-3

R.T.: 9.706 min  
Delta R.T.: -0.003 min  
Response: 2364  
Conc: 0.60 ng/ml



#43 AR-1268-3

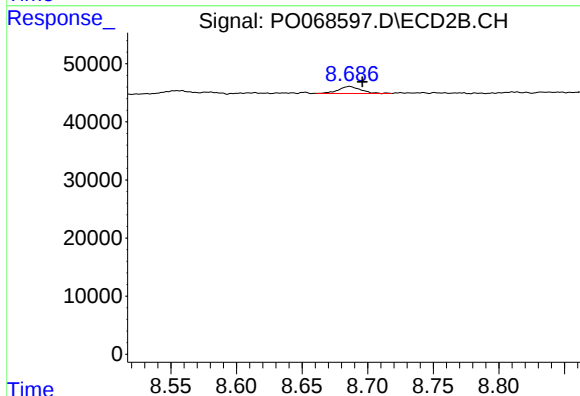
R.T.: 8.399 min  
Delta R.T.: -0.010 min  
Response: 19572  
Conc: 4.62 ng/ml



#44 AR-1268-4

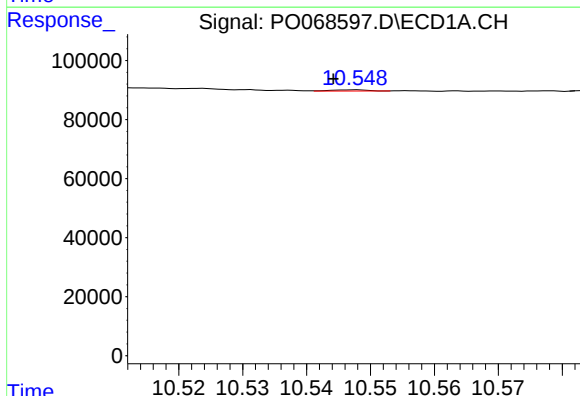
R.T.: 10.157 min  
Delta R.T.: 0.015 min  
Response: 2779  
Conc: 1.56 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



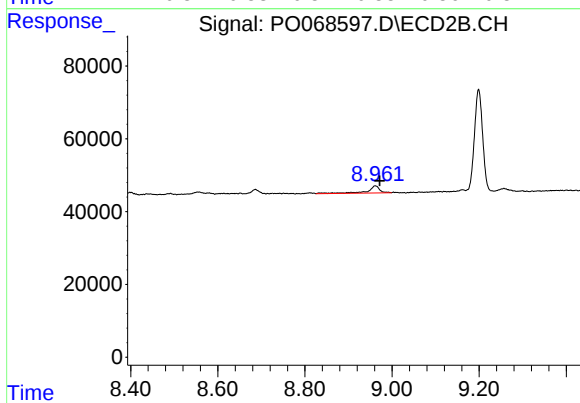
#44 AR-1268-4

R.T.: 8.686 min  
Delta R.T.: -0.010 min  
Response: 14618  
Conc: 7.22 ng/ml



#45 AR-1268-5

R.T.: 10.547 min  
Delta R.T.: 0.003 min  
Response: 1560  
Conc: 0.12 ng/ml



#45 AR-1268-5

R.T.: 8.961 min  
Delta R.T.: -0.010 min  
Response: 37883  
Conc: 2.88 ng/ml