

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\PO121420\  
 Data File : PO073801.D  
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
 Acq On : 15 Dec 2020 3:28  
 Operator : DD\AJ  
 Sample : L5081-19 10X  
 Misc :  
 ALS Vial : 42 Sample Multiplier: 1

Instrument :  
 ECD\_O  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Dec 15 06:14:20 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\PO121020.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Fri Dec 11 03:58:06 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... | 4.937  | 3.996  | 115325 | 119900 | 1.261   | 2.235 #   |
| 2)                          | SA Decachlor... | 10.954 | 9.261  | 140338 | 276885 | 1.698   | 5.918 #   |
| Target Compounds            |                 |        |        |        |        |         |           |
| 3)                          | L1 AR-1016-1    | 6.285f | 0.000  | 279555 | 0      | 79.560  | N.D. #    |
| 4)                          | L1 AR-1016-2    | 6.285  | 0.000  | 279555 | 0      | 57.195  | N.D. #    |
| 5)                          | L1 AR-1016-3    | 6.352  | 0.000  | 161125 | 0      | 54.699  | N.D. #    |
| 6)                          | L1 AR-1016-4    | 6.464  | 0.000  | 152688 | 0      | 61.952  | N.D. #    |
| 7)                          | L1 AR-1016-5    | 0.000  | 5.729  | 0      | 194323 | N.D.    | 118.593 # |
| 8)                          | L2 AR-1221-1    | 5.217f | 0.000  | 29163  | 0      | 27.524  | N.D. #    |
| 9)                          | L2 AR-1221-2    | 5.297  | 0.000  | 17554  | 0      | 22.348  | N.D. #    |
| 12)                         | L3 AR-1232-2    | 5.973  | 0.000  | 255401 | 0      | 238.863 | N.D. #    |
| 13)                         | L3 AR-1232-3    | 6.285  | 0.000  | 279555 | 0      | 130.271 | N.D. #    |
| 14)                         | L3 AR-1232-4    | 6.464  | 0.000  | 152688 | 0      | 143.371 | N.D. #    |
| 15)                         | L3 AR-1232-5    | 6.563  | 5.729  | 92139  | 194323 | 128.688 | 290.763 # |
| 16)                         | L4 AR-1242-1    | 6.285f | 0.000  | 279555 | 0      | 98.635  | N.D. #    |
| 17)                         | L4 AR-1242-2    | 6.285  | 0.000  | 279555 | 0      | 71.778  | N.D. #    |
| 18)                         | L4 AR-1242-3    | 6.352  | 0.000  | 161125 | 0      | 67.926  | N.D. #    |
| 19)                         | L4 AR-1242-4    | 6.464  | 0.000  | 152688 | 0      | 77.461  | N.D. #    |
| 20)                         | L4 AR-1242-5    | 7.269f | 6.111  | 205881 | 102648 | 94.275  | 60.219 #  |
| 21)                         | L5 AR-1248-1    | 6.285f | 0.000  | 279555 | 0      | 128.656 | N.D. #    |
| 22)                         | L5 AR-1248-2    | 6.563  | 0.000  | 92139  | 0      | 32.971  | N.D. #    |
| 24)                         | L5 AR-1248-4    | 7.212  | 5.729  | 148392 | 194323 | 37.106  | 86.334 #  |
| 25)                         | L5 AR-1248-5    | 7.269f | 6.160  | 205881 | 42474  | 54.441  | 18.281 #  |
| 26)                         | L6 AR-1254-1    | 7.160f | 6.111  | 178628 | 102648 | 47.060  | 29.045 #  |
| 27)                         | L6 AR-1254-2    | 7.407  | 6.248f | 489872 | 46049  | 83.088  | 14.750 #  |
| 28)                         | L6 AR-1254-3    | 7.811f | 6.685  | 207842 | 86206  | 33.921  | 17.607 #  |
| 29)                         | L6 AR-1254-4    | 8.081  | 0.000  | 73441  | 0      | 13.999  | N.D. #    |
| 30)                         | L6 AR-1254-5    | 8.510  | 7.354  | 18924  | 673157 | 3.674   | 152.656 # |
| 31)                         | L7 AR-1260-1    | 7.949  | 6.850f | 129594 | 79900  | 30.663  | 25.847    |
| 32)                         | L7 AR-1260-2    | 8.226  | 7.019  | 544484 | 110624 | 96.921  | 27.271 #  |
| 33)                         | L7 AR-1260-3    | 0.000  | 7.193  | 0      | 295473 | N.D.    | 84.655 #  |
| 34)                         | L7 AR-1260-4    | 8.844f | 7.656  | 63061  | 96031  | 13.320  | 31.801 #  |
| 35)                         | L7 AR-1260-5    | 9.146  | 7.897  | 495225 | 220788 | 49.623  | 29.556 #  |
| 36)                         | L8 AR-1262-1    | 0.000  | 7.354  | 0      | 673157 | N.D.    | 269.284 # |
| 37)                         | L8 AR-1262-2    | 9.146  | 7.897  | 495225 | 220788 | 38.611  | 25.100 #  |
| 39)                         | L8 AR-1262-4    | 9.541  | 8.245  | 270455 | 152810 | 80.864  | 24.835 #  |
| 40)                         | L8 AR-1262-5    | 0.000  | 8.770f | 0      | 262464 | N.D.    | 92.191 #  |
| 42)                         | L9 AR-1268-2    | 9.541  | 8.245  | 270455 | 152810 | 21.940  | 18.548    |
| 44)                         | L9 AR-1268-4    | 0.000  | 8.770f | 0      | 262464 | N.D.    | 88.670 #  |
| -----                       |                 |        |        |        |        |         |           |

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

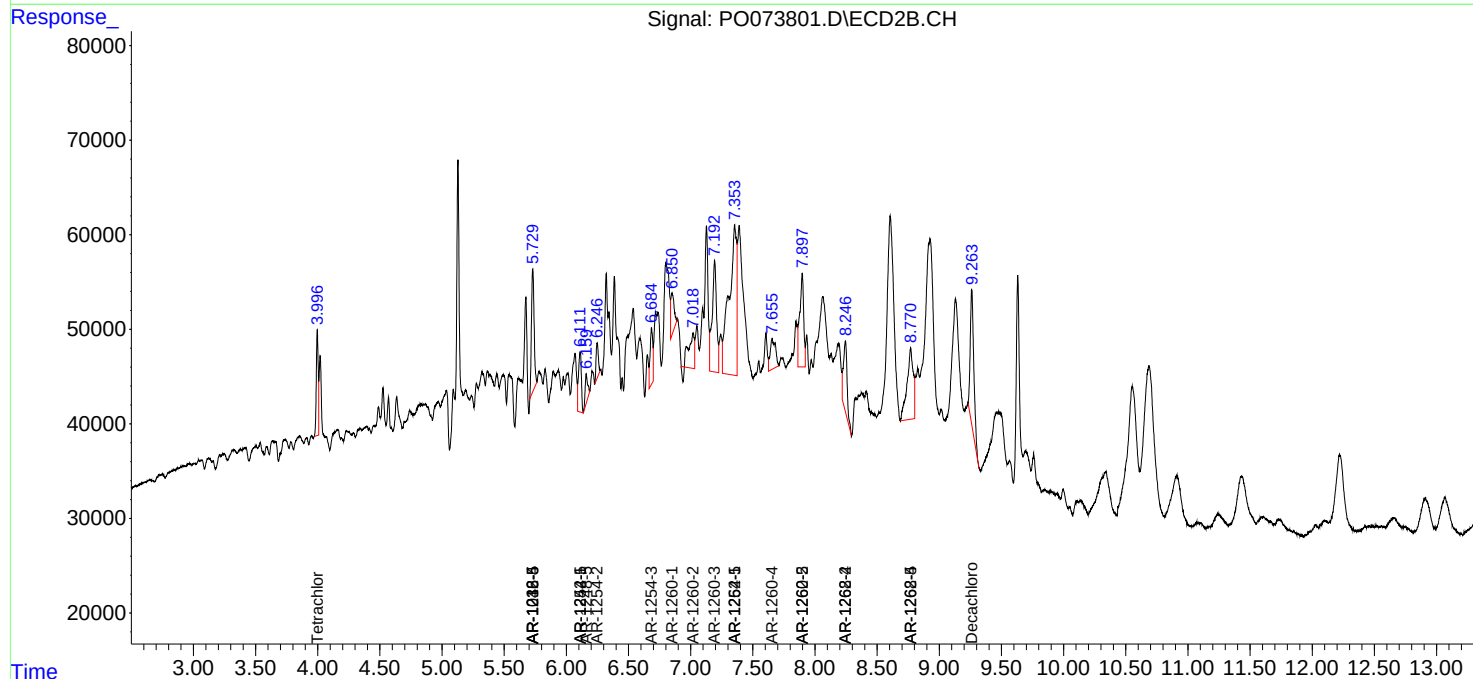
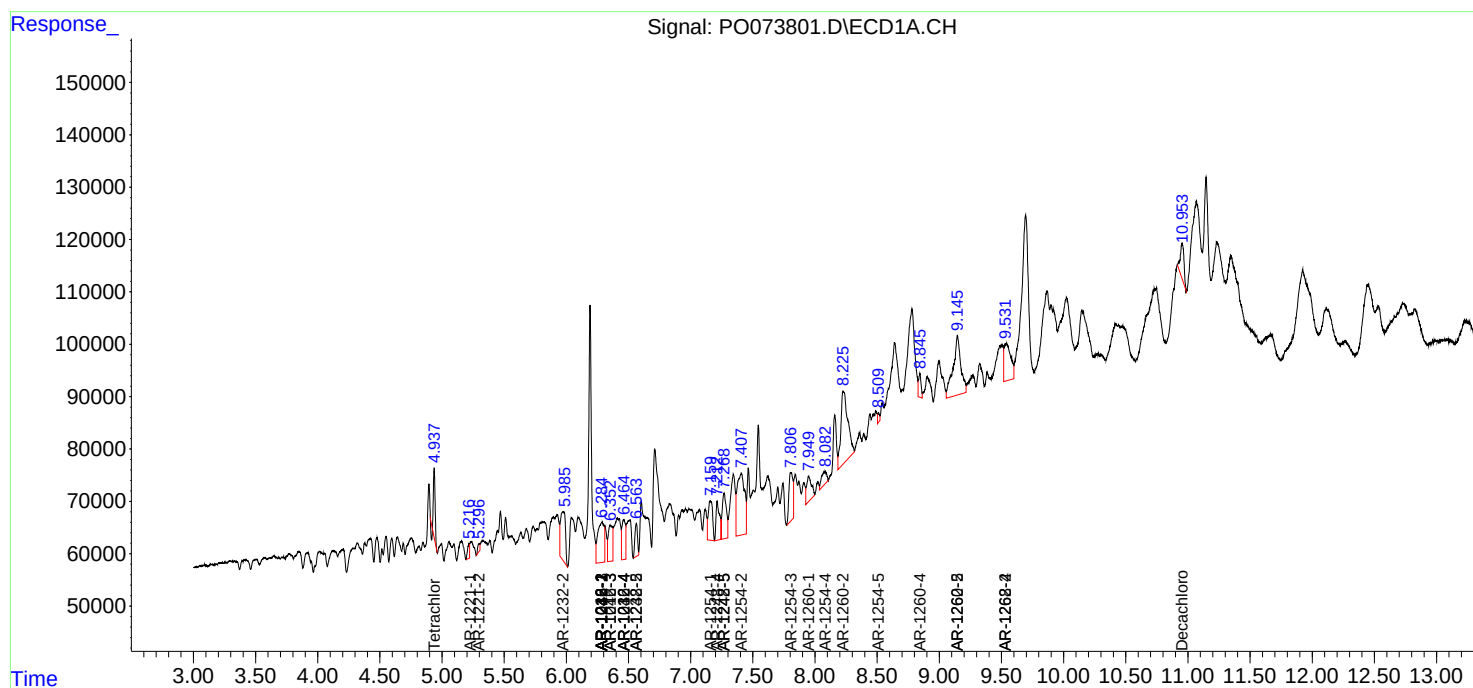
Instrument :  
ECD\_O  
ClientSampleId :

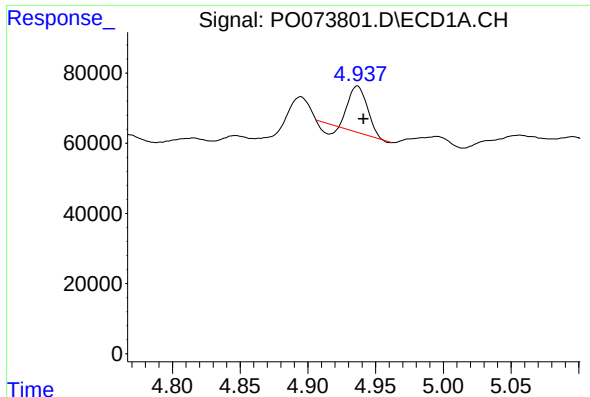
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\PO121420\  
Data File : P0073801.D  
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
Acq On : 15 Dec 2020 3:28  
Operator : DD\AJ  
Sample : L5081-19 10X  
Misc :  
ALS Vial : 42 Sample Multiplier: 1

Instrument :  
ECD\_O  
ClientSampled :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Dec 15 06:14:20 2020  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\PO121020.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Fri Dec 11 03:58:06 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

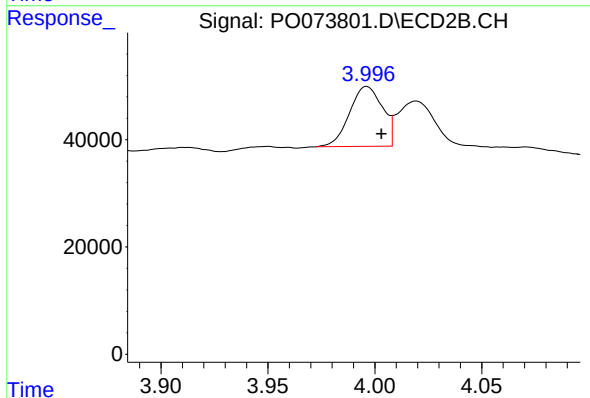




#1 Tetrachloro-m-xylene

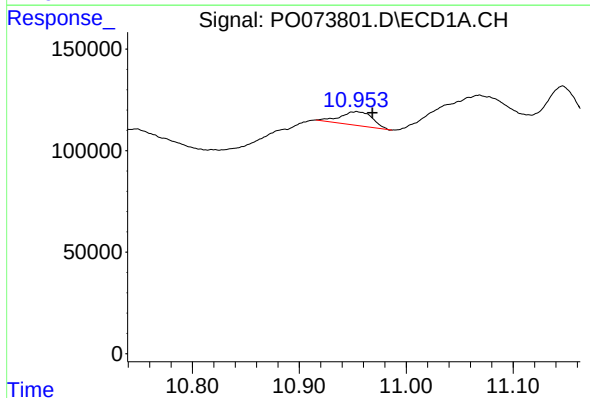
R.T.: 4.937 min  
Delta R.T.: -0.004 min  
Response: 115325  
Conc: 1.26 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



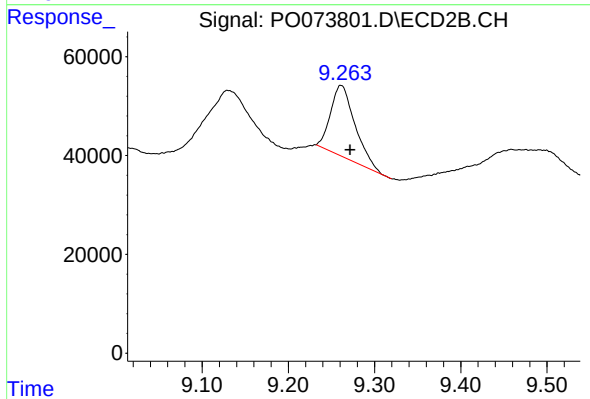
#1 Tetrachloro-m-xylene

R.T.: 3.996 min  
Delta R.T.: -0.007 min  
Response: 119900  
Conc: 2.24 ng/ml



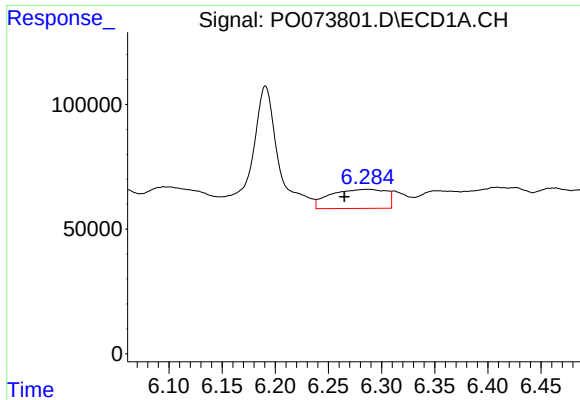
#2 Decachlorobiphenyl

R.T.: 10.954 min  
Delta R.T.: -0.014 min  
Response: 140338  
Conc: 1.70 ng/ml



#2 Decachlorobiphenyl

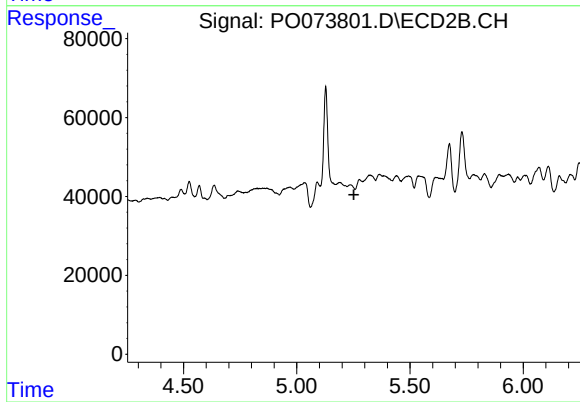
R.T.: 9.261 min  
Delta R.T.: -0.011 min  
Response: 276885  
Conc: 5.92 ng/ml



#3 AR-1016-1

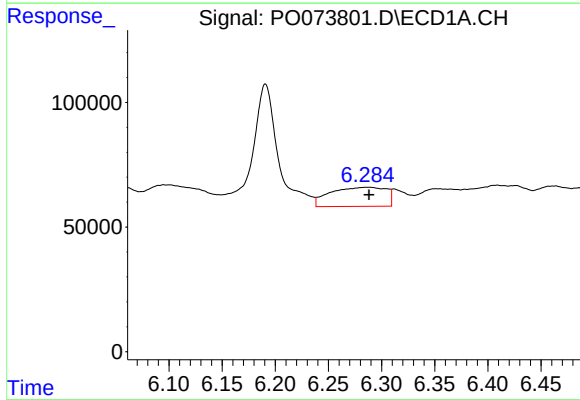
R.T.: 6.285 min  
Delta R.T.: 0.020 min  
Response: 279555  
Conc: 79.56 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



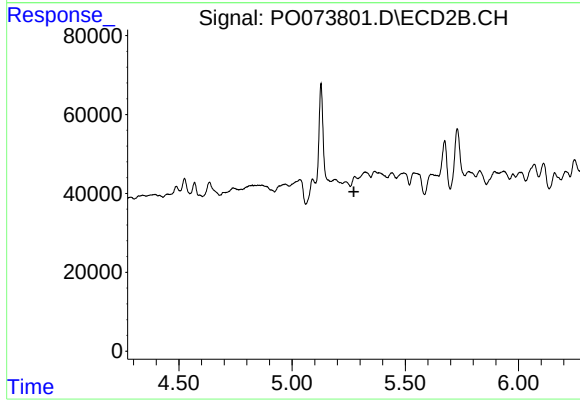
#3 AR-1016-1

R.T.: 0.000 min  
Exp R.T. : 5.252 min  
Response: 0  
Conc: N.D.



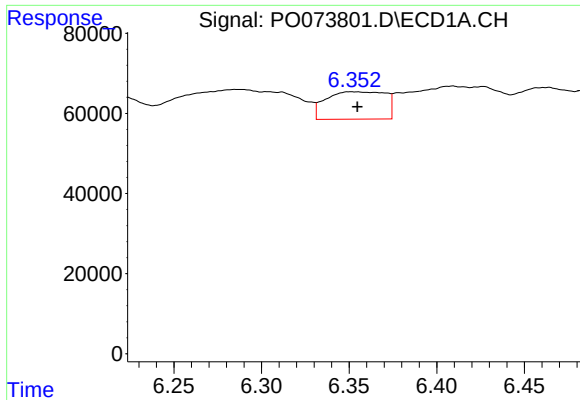
#4 AR-1016-2

R.T.: 6.285 min  
Delta R.T.: -0.003 min  
Response: 279555  
Conc: 57.20 ng/ml



#4 AR-1016-2

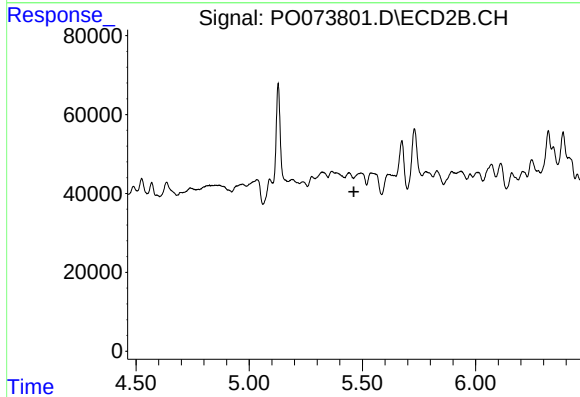
R.T.: 0.000 min  
Exp R.T. : 5.273 min  
Response: 0  
Conc: N.D.



#5 AR-1016-3

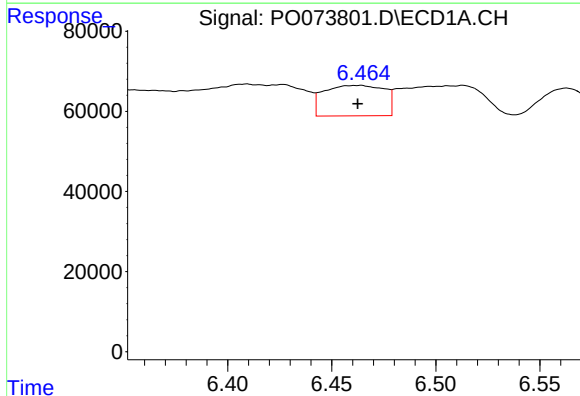
R.T.: 6.352 min  
Delta R.T.: -0.003 min  
Response: 161125  
Conc: 54.70 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



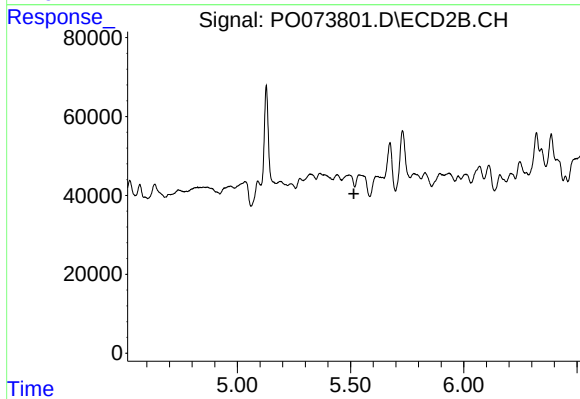
#5 AR-1016-3

R.T.: 0.000 min  
Exp R.T. : 5.462 min  
Response: 0  
Conc: N.D.



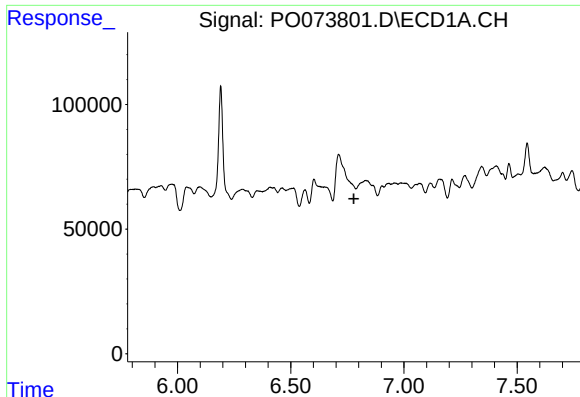
#6 AR-1016-4

R.T.: 6.464 min  
Delta R.T.: 0.002 min  
Response: 152688  
Conc: 61.95 ng/ml



#6 AR-1016-4

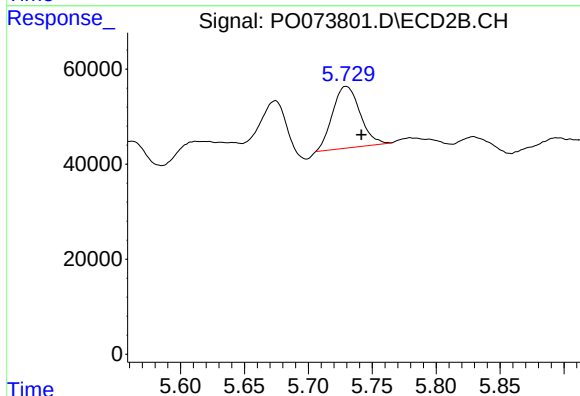
R.T.: 0.000 min  
Exp R.T. : 5.515 min  
Response: 0  
Conc: N.D.



#7 AR-1016-5

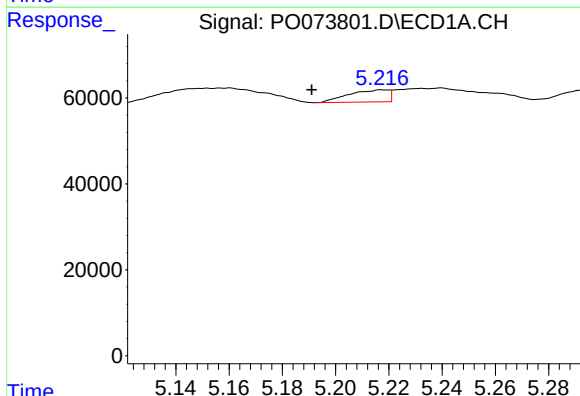
R.T.: 0.000 min  
Exp R.T.: 6.779 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :



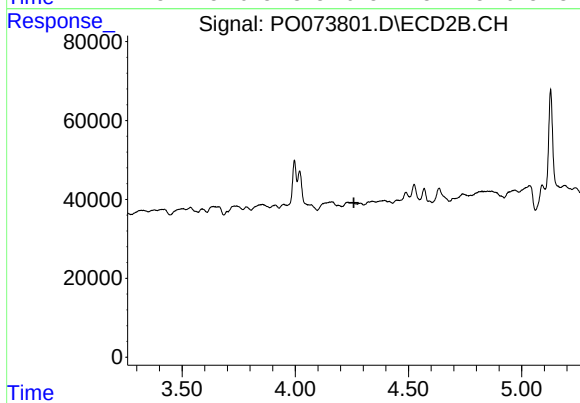
#7 AR-1016-5

R.T.: 5.729 min  
Delta R.T.: -0.012 min  
Response: 194323  
Conc: 118.59 ng/ml



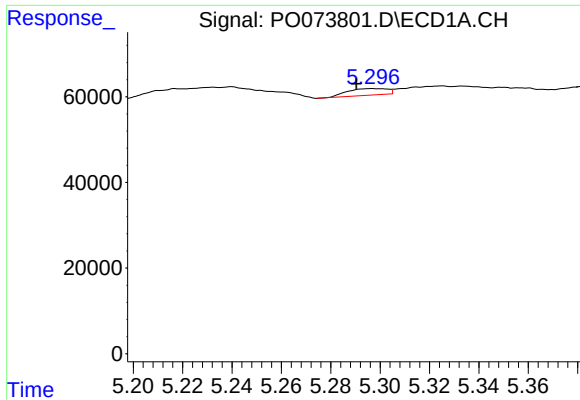
#8 AR-1221-1

R.T.: 5.217 min  
Delta R.T.: 0.026 min  
Response: 29163  
Conc: 27.52 ng/ml



#8 AR-1221-1

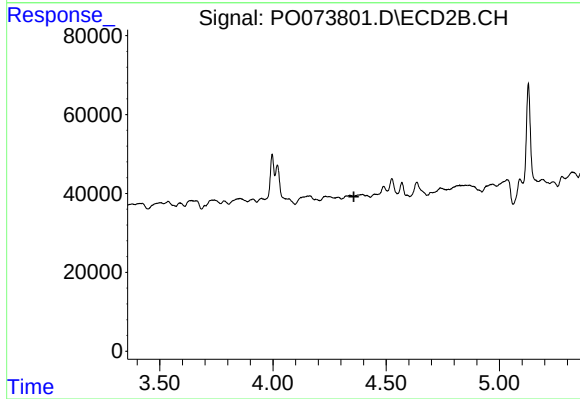
R.T.: 0.000 min  
Exp R.T.: 4.259 min  
Response: 0  
Conc: N.D.



#9 AR-1221-2

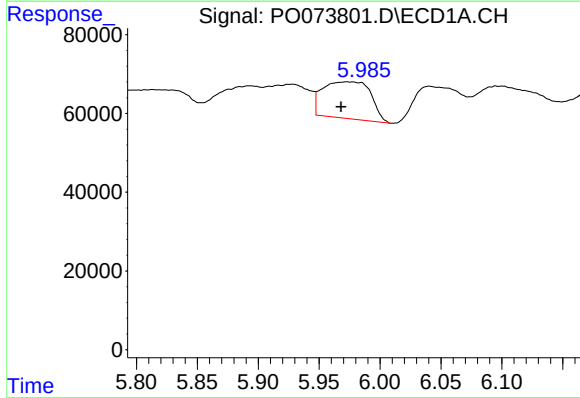
R.T.: 5.297 min  
Delta R.T.: 0.006 min  
Response: 17554  
Conc: 22.35 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



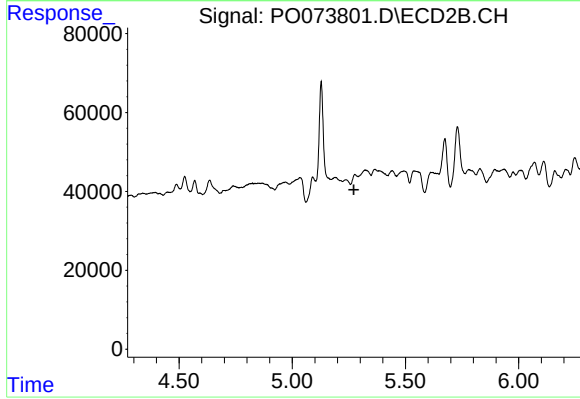
#9 AR-1221-2

R.T.: 0.000 min  
Exp R.T. : 4.357 min  
Response: 0  
Conc: N.D.



#12 AR-1232-2

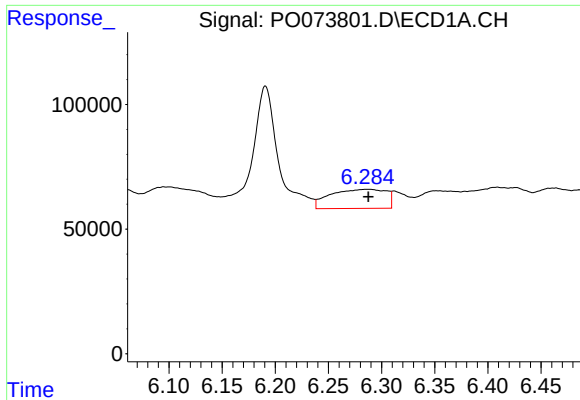
R.T.: 5.973 min  
Delta R.T.: 0.005 min  
Response: 255401  
Conc: 238.86 ng/ml



#12 AR-1232-2

R.T.: 0.000 min  
Exp R.T. : 5.272 min  
Response: 0  
Conc: N.D.

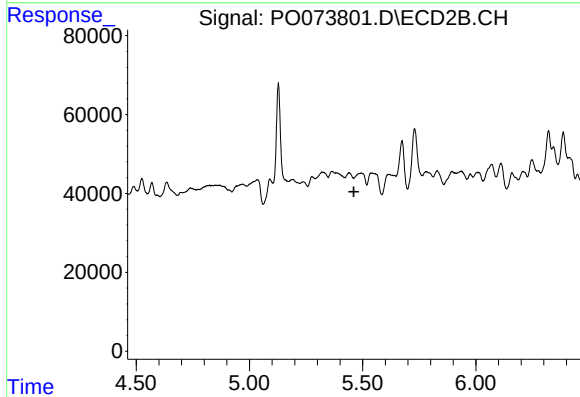




#13 AR-1232-3

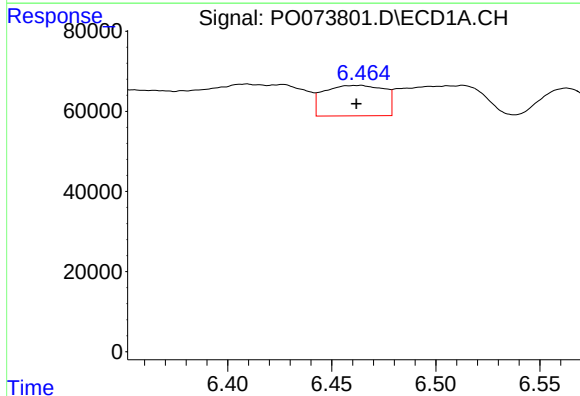
R.T.: 6.285 min  
Delta R.T.: -0.002 min  
Response: 279555  
Conc: 130.27 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



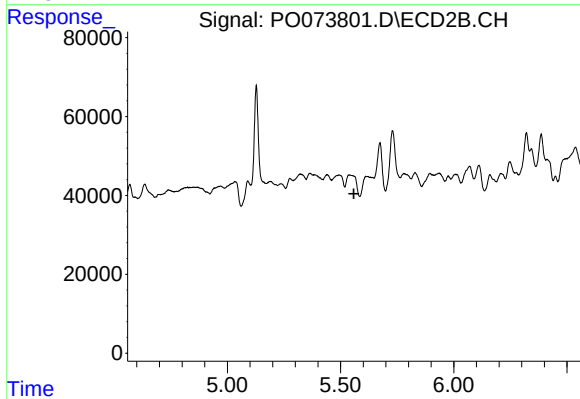
#13 AR-1232-3

R.T.: 0.000 min  
Exp R.T. : 5.462 min  
Response: 0  
Conc: N.D.



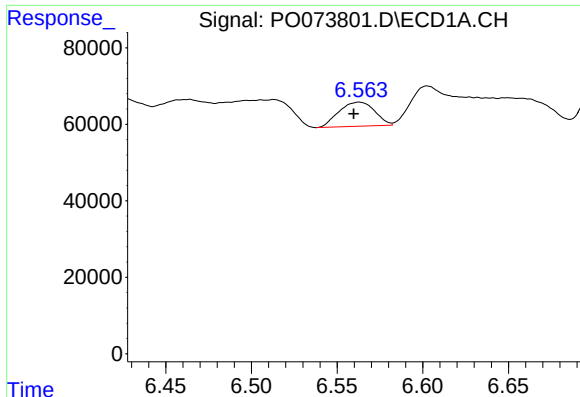
#14 AR-1232-4

R.T.: 6.464 min  
Delta R.T.: 0.002 min  
Response: 152688  
Conc: 143.37 ng/ml



#14 AR-1232-4

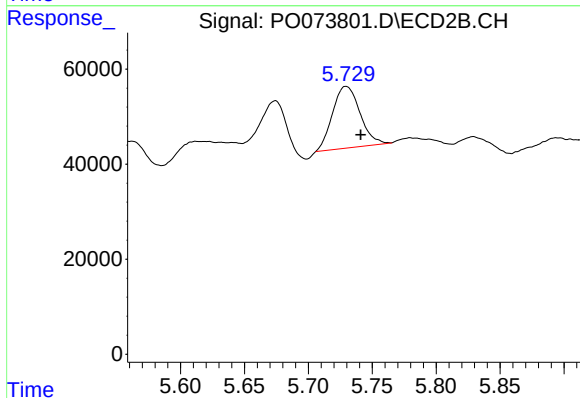
R.T.: 0.000 min  
Exp R.T. : 5.559 min  
Response: 0  
Conc: N.D.



#15 AR-1232-5

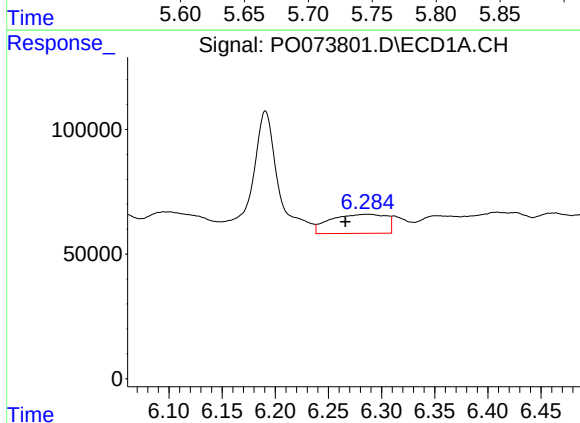
R.T.: 6.563 min  
Delta R.T.: 0.003 min  
Response: 92139  
Conc: 128.69 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



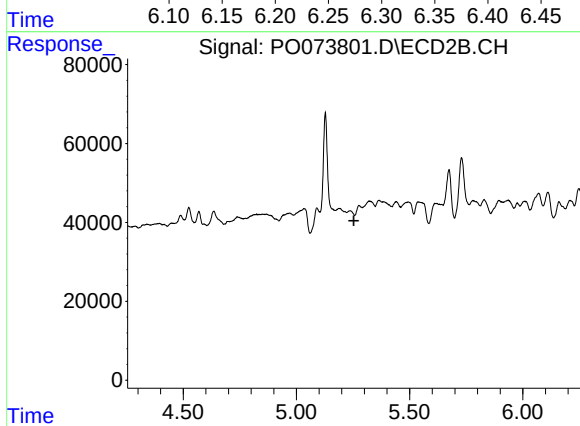
#15 AR-1232-5

R.T.: 5.729 min  
Delta R.T.: -0.012 min  
Response: 194323  
Conc: 290.76 ng/ml



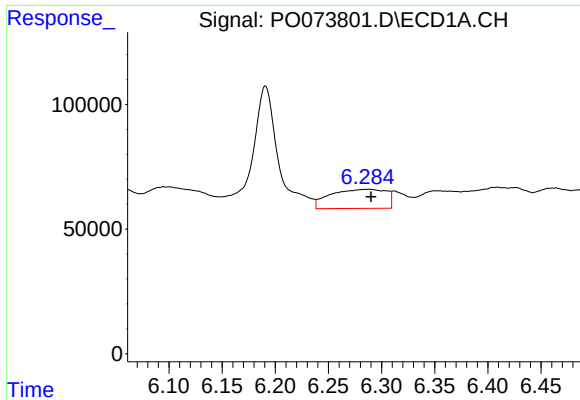
#16 AR-1242-1

R.T.: 6.285 min  
Delta R.T.: 0.019 min  
Response: 279555  
Conc: 98.64 ng/ml



#16 AR-1242-1

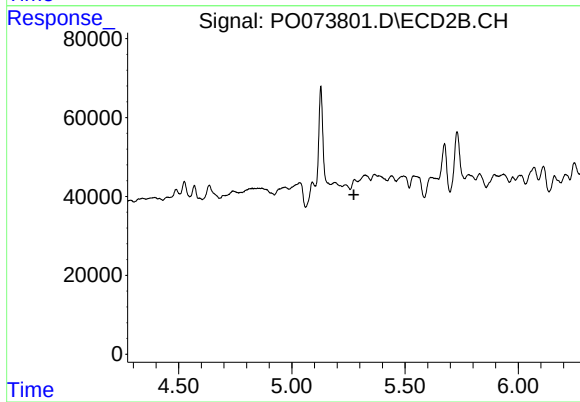
R.T.: 0.000 min  
Exp R.T.: 5.254 min  
Response: 0  
Conc: N.D.



#17 AR-1242-2

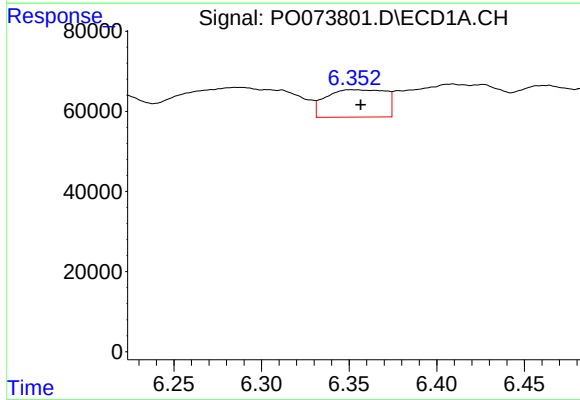
R.T.: 6.285 min  
Delta R.T.: -0.005 min  
Response: 279555  
Conc: 71.78 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



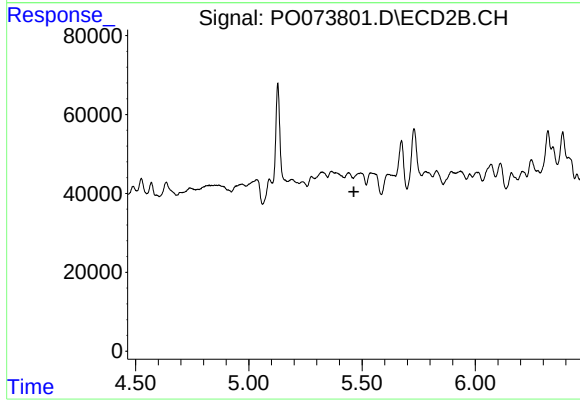
#17 AR-1242-2

R.T.: 0.000 min  
Exp R.T. : 5.274 min  
Response: 0  
Conc: N.D.



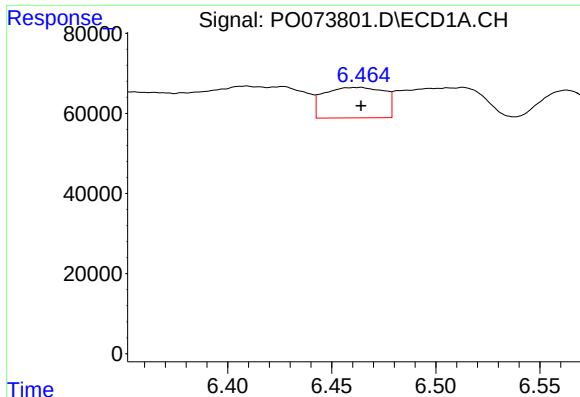
#18 AR-1242-3

R.T.: 6.352 min  
Delta R.T.: -0.005 min  
Response: 161125  
Conc: 67.93 ng/ml



#18 AR-1242-3

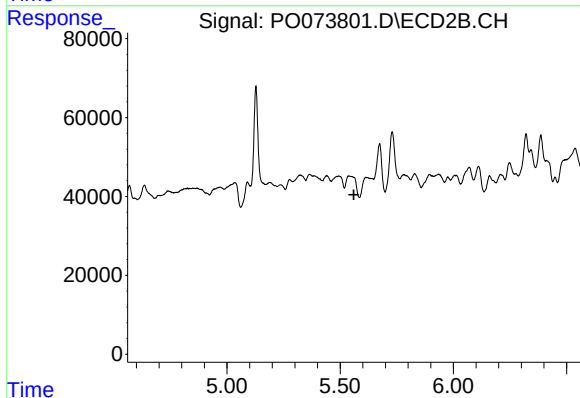
R.T.: 0.000 min  
Exp R.T. : 5.464 min  
Response: 0  
Conc: N.D.



#19 AR-1242-4

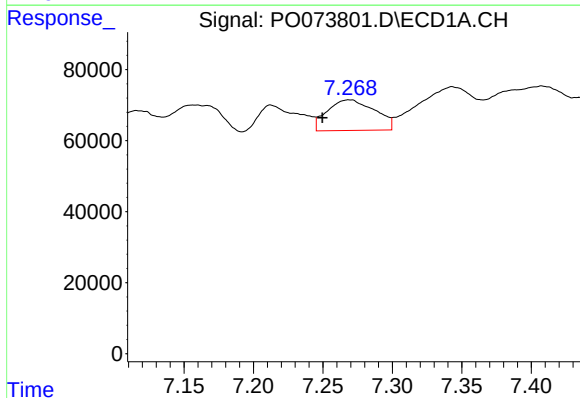
R.T.: 6.464 min  
Delta R.T.: 0.000 min  
Response: 152688  
Conc: 77.46 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



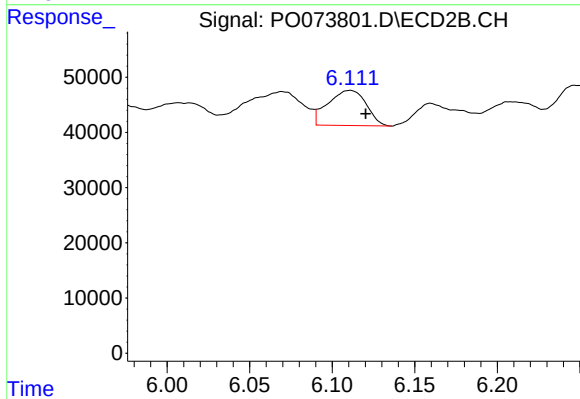
#19 AR-1242-4

R.T.: 0.000 min  
Exp R.T. : 5.560 min  
Response: 0  
Conc: N.D.



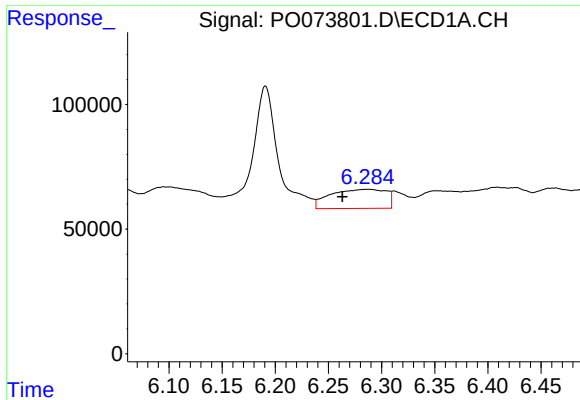
#20 AR-1242-5

R.T.: 7.269 min  
Delta R.T.: 0.019 min  
Response: 205881  
Conc: 94.28 ng/ml



#20 AR-1242-5

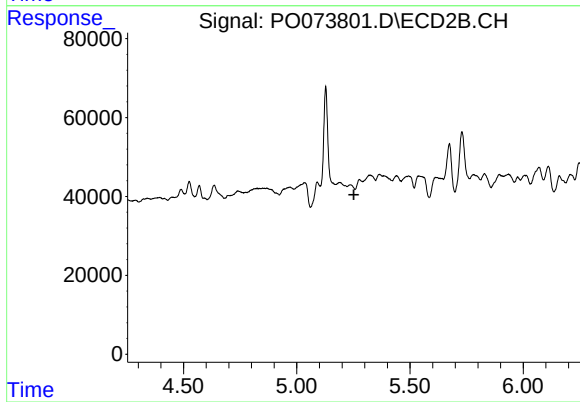
R.T.: 6.111 min  
Delta R.T.: -0.010 min  
Response: 102648  
Conc: 60.22 ng/ml



#21 AR-1248-1

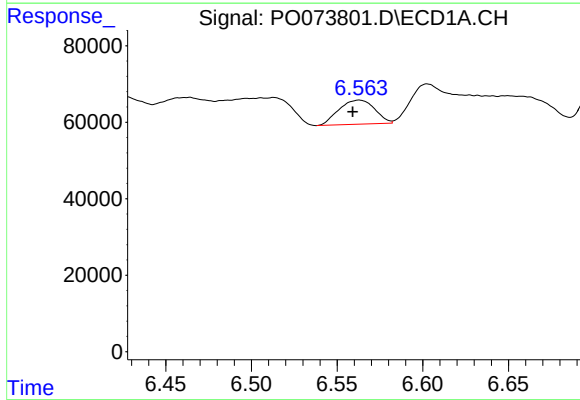
R.T.: 6.285 min  
Delta R.T.: 0.022 min  
Response: 279555  
Conc: 128.66 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



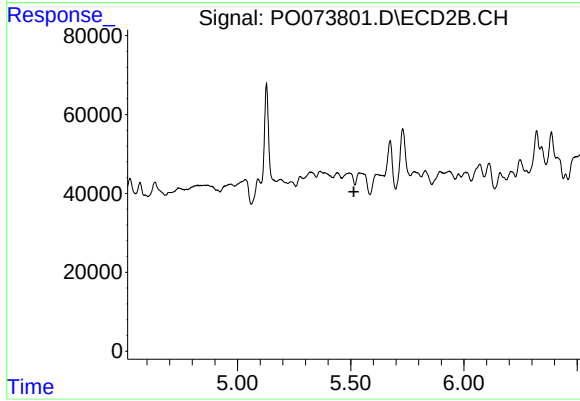
#21 AR-1248-1

R.T.: 0.000 min  
Exp R.T. : 5.252 min  
Response: 0  
Conc: N.D.



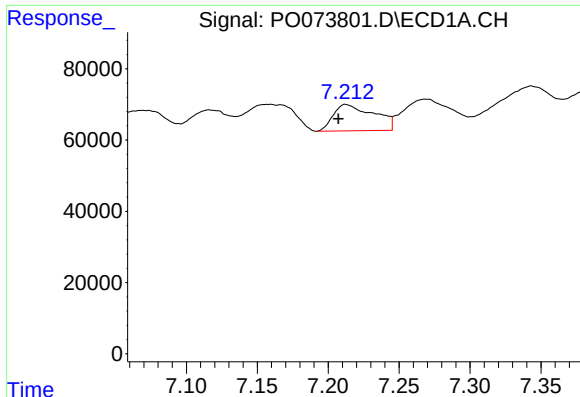
#22 AR-1248-2

R.T.: 6.563 min  
Delta R.T.: 0.004 min  
Response: 92139  
Conc: 32.97 ng/ml



#22 AR-1248-2

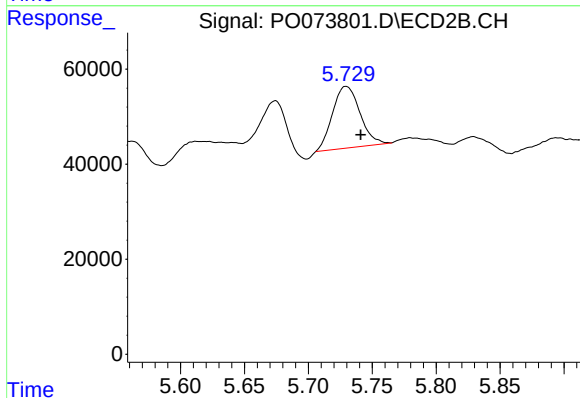
R.T.: 0.000 min  
Exp R.T. : 5.514 min  
Response: 0  
Conc: N.D.



#24 AR-1248-4

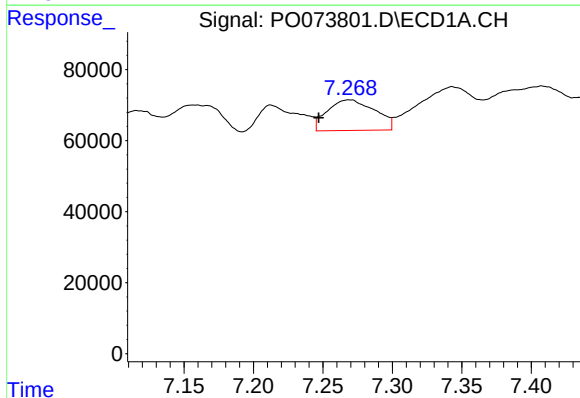
R.T.: 7.212 min  
Delta R.T.: 0.005 min  
Response: 148392  
Conc: 37.11 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



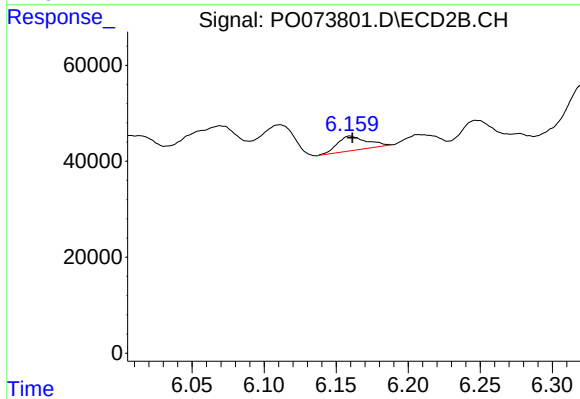
#24 AR-1248-4

R.T.: 5.729 min  
Delta R.T.: -0.011 min  
Response: 194323  
Conc: 86.33 ng/ml



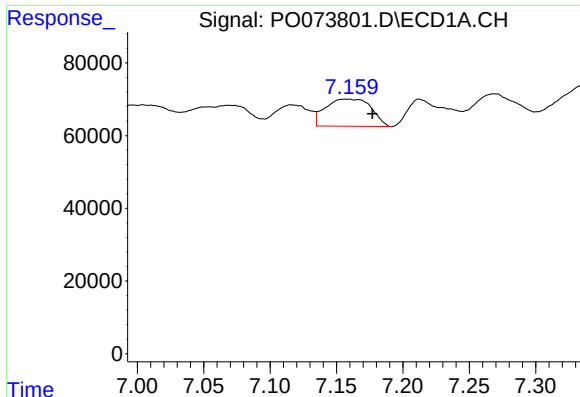
#25 AR-1248-5

R.T.: 7.269 min  
Delta R.T.: 0.021 min  
Response: 205881  
Conc: 54.44 ng/ml



#25 AR-1248-5

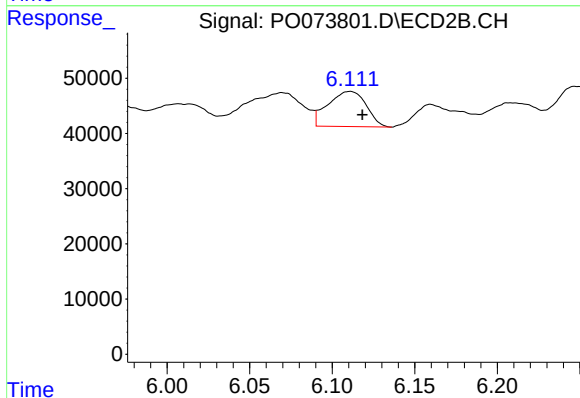
R.T.: 6.160 min  
Delta R.T.: -0.002 min  
Response: 42474  
Conc: 18.28 ng/ml



#26 AR-1254-1

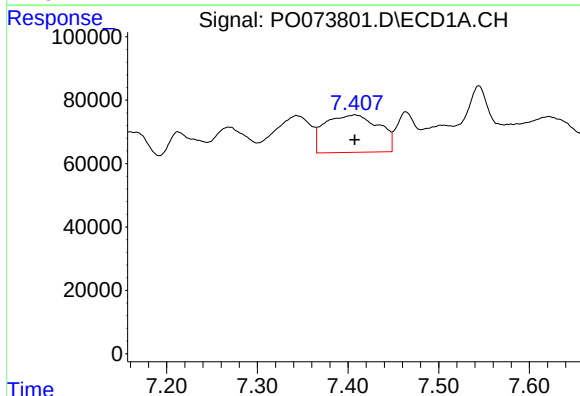
R.T.: 7.160 min  
Delta R.T.: -0.017 min  
Response: 178628  
Conc: 47.06 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



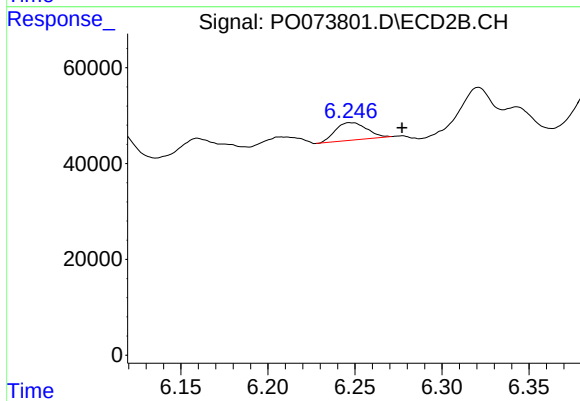
#26 AR-1254-1

R.T.: 6.111 min  
Delta R.T.: -0.008 min  
Response: 102648  
Conc: 29.05 ng/ml



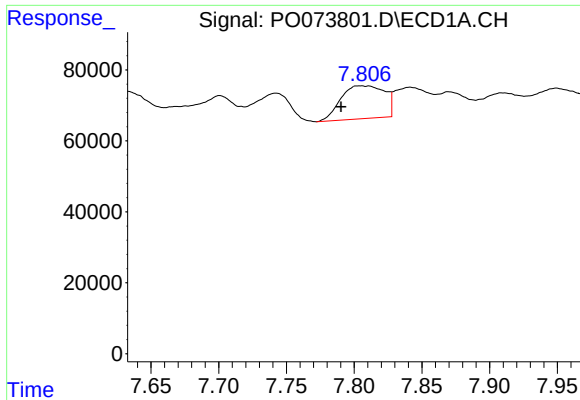
#27 AR-1254-2

R.T.: 7.407 min  
Delta R.T.: 0.000 min  
Response: 489872  
Conc: 83.09 ng/ml



#27 AR-1254-2

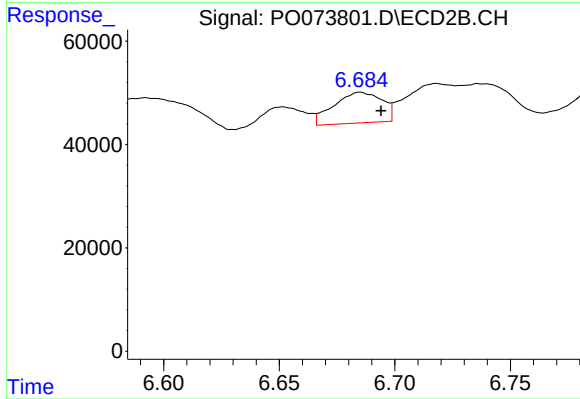
R.T.: 6.248 min  
Delta R.T.: -0.030 min  
Response: 46049  
Conc: 14.75 ng/ml



#28 AR-1254-3

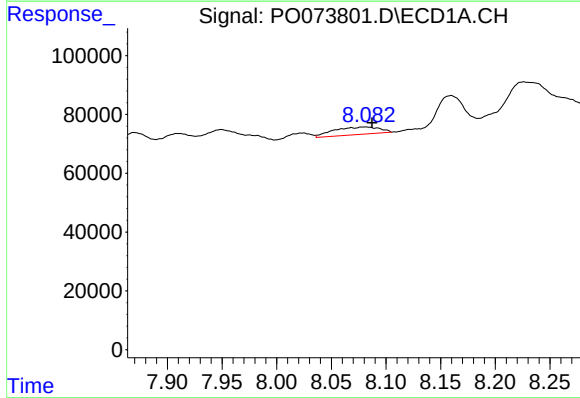
R.T.: 7.811 min  
Delta R.T.: 0.020 min  
Response: 207842  
Conc: 33.92 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



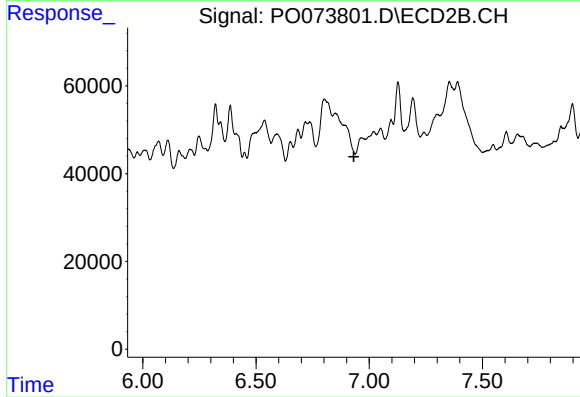
#28 AR-1254-3

R.T.: 6.685 min  
Delta R.T.: -0.009 min  
Response: 86206  
Conc: 17.61 ng/ml



#29 AR-1254-4

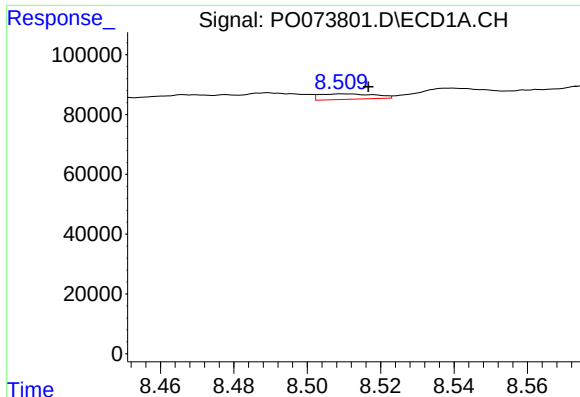
R.T.: 8.081 min  
Delta R.T.: -0.006 min  
Response: 73441  
Conc: 14.00 ng/ml



#29 AR-1254-4

R.T.: 0.000 min  
Exp R.T.: 6.932 min  
Response: 0  
Conc: N.D.

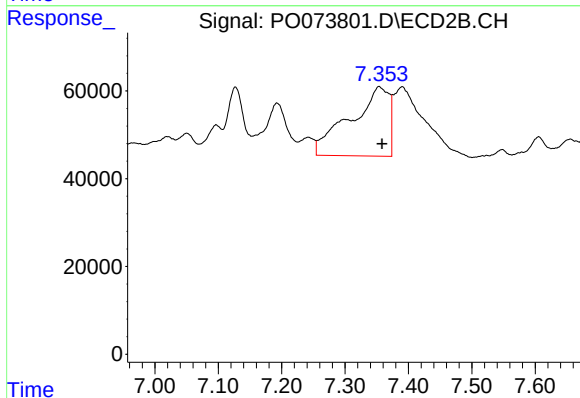




#30 AR-1254-5

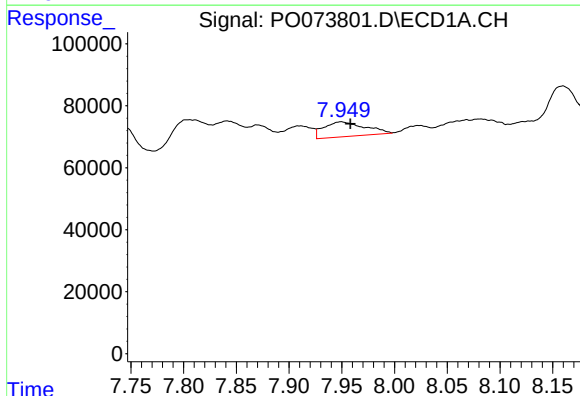
R.T.: 8.510 min  
Delta R.T.: -0.007 min  
Response: 18924  
Conc: 3.67 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



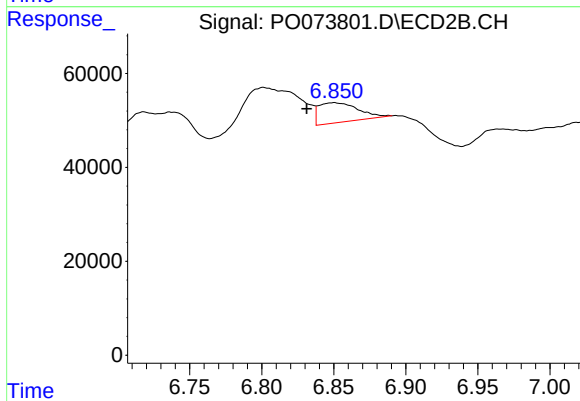
#30 AR-1254-5

R.T.: 7.354 min  
Delta R.T.: -0.005 min  
Response: 673157  
Conc: 152.66 ng/ml



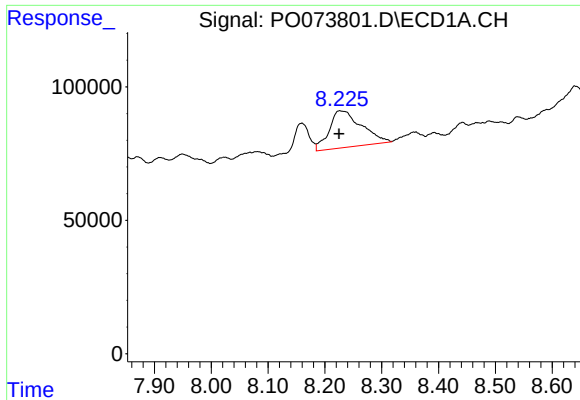
#31 AR-1260-1

R.T.: 7.949 min  
Delta R.T.: -0.009 min  
Response: 129594  
Conc: 30.66 ng/ml



#31 AR-1260-1

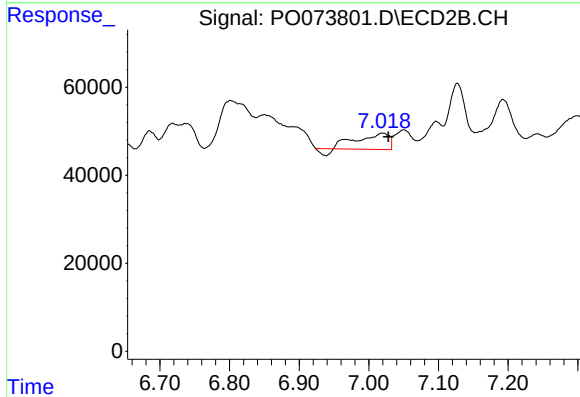
R.T.: 6.850 min  
Delta R.T.: 0.019 min  
Response: 79900  
Conc: 25.85 ng/ml



#32 AR-1260-2

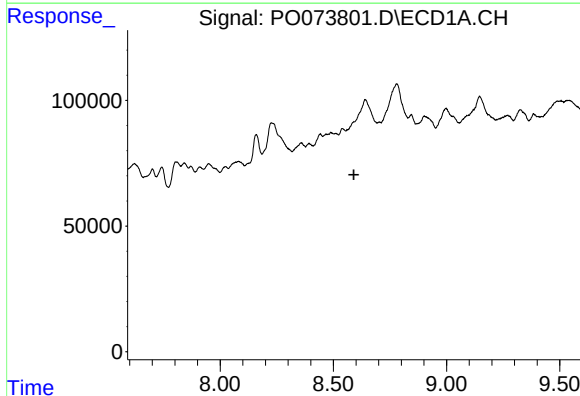
R.T.: 8.226 min  
Delta R.T.: 0.001 min  
Response: 544484  
Conc: 96.92 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



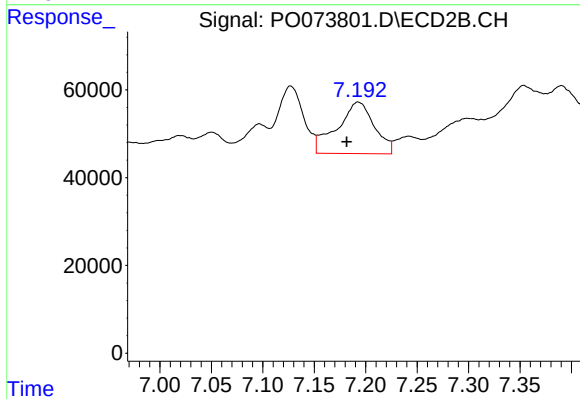
#32 AR-1260-2

R.T.: 7.019 min  
Delta R.T.: -0.009 min  
Response: 110624  
Conc: 27.27 ng/ml



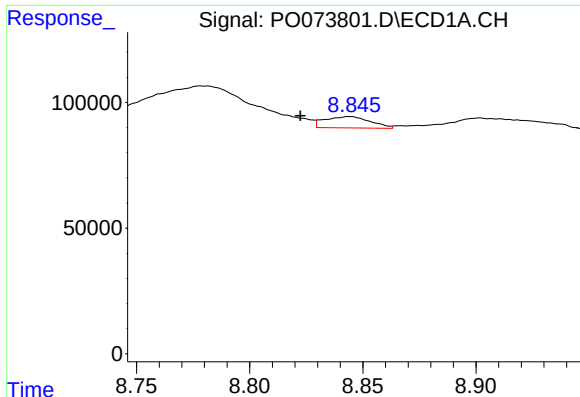
#33 AR-1260-3

R.T.: 0.000 min  
Exp R.T. : 8.591 min  
Response: 0  
Conc: N.D.



#33 AR-1260-3

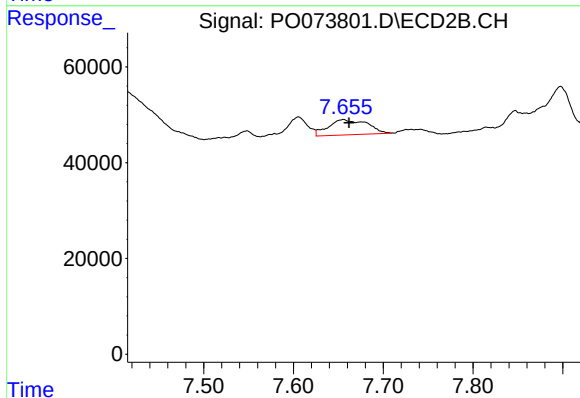
R.T.: 7.193 min  
Delta R.T.: 0.011 min  
Response: 295473  
Conc: 84.66 ng/ml



#34 AR-1260-4

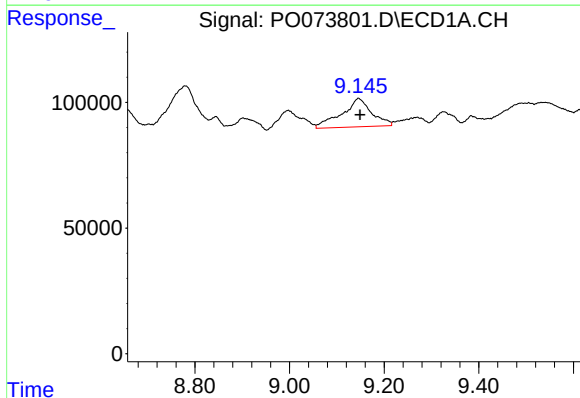
R.T.: 8.844 min  
Delta R.T.: 0.022 min  
Response: 63061  
Conc: 13.32 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



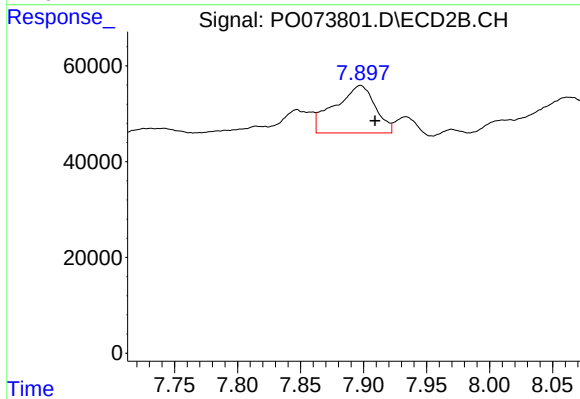
#34 AR-1260-4

R.T.: 7.656 min  
Delta R.T.: -0.006 min  
Response: 96031  
Conc: 31.80 ng/ml



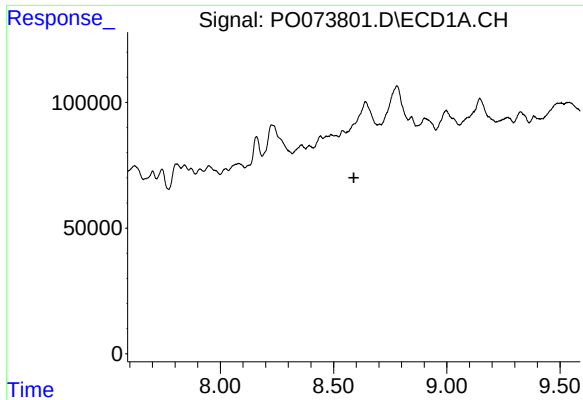
#35 AR-1260-5

R.T.: 9.146 min  
Delta R.T.: -0.003 min  
Response: 495225  
Conc: 49.62 ng/ml



#35 AR-1260-5

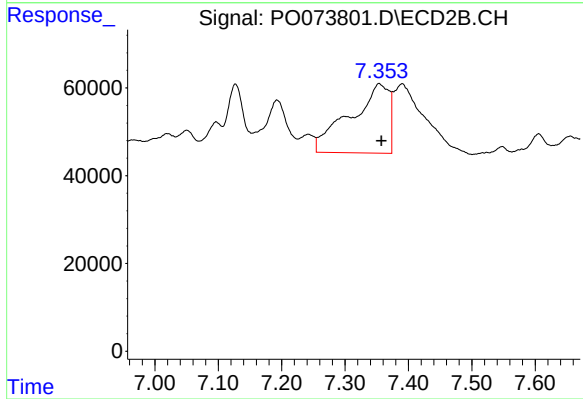
R.T.: 7.897 min  
Delta R.T.: -0.012 min  
Response: 220788  
Conc: 29.56 ng/ml



#36 AR-1262-1

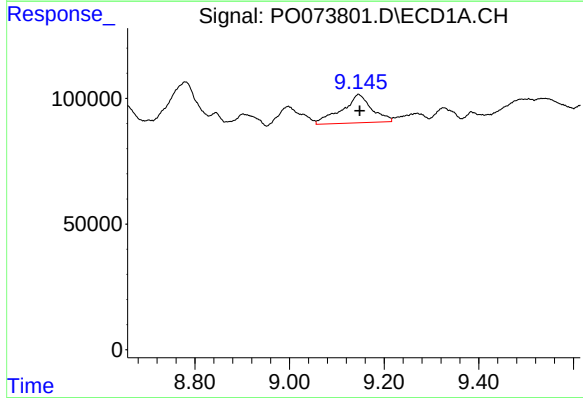
R.T.: 0.000 min  
Exp R.T.: 8.590 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :



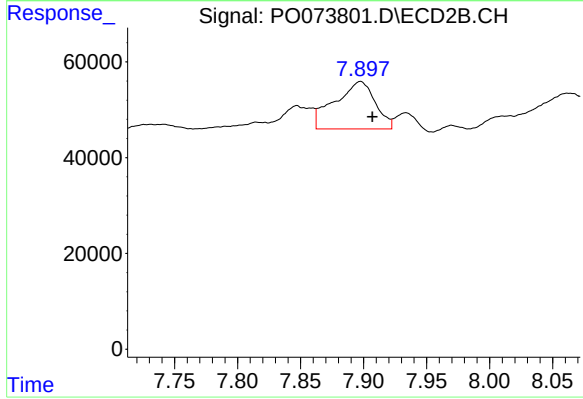
#36 AR-1262-1

R.T.: 7.354 min  
Delta R.T.: -0.004 min  
Response: 673157  
Conc: 269.28 ng/ml



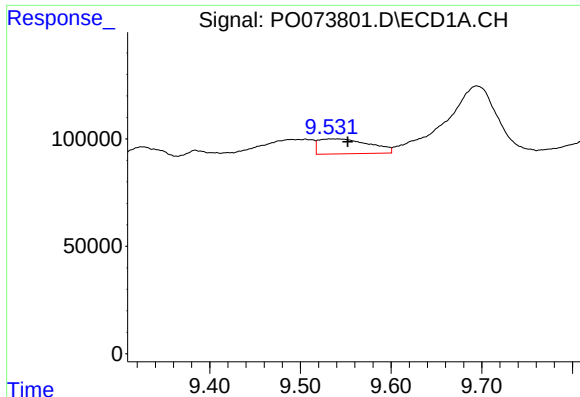
#37 AR-1262-2

R.T.: 9.146 min  
Delta R.T.: -0.002 min  
Response: 495225  
Conc: 38.61 ng/ml



#37 AR-1262-2

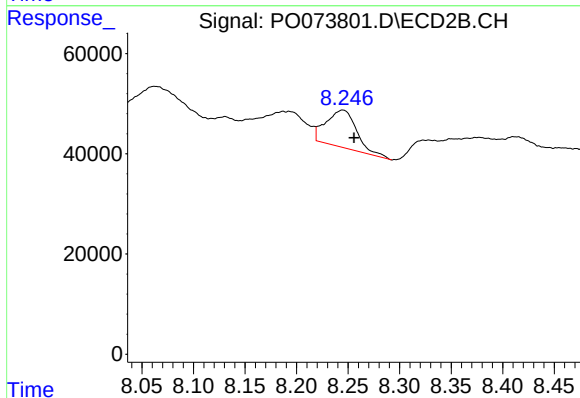
R.T.: 7.897 min  
Delta R.T.: -0.009 min  
Response: 220788  
Conc: 25.10 ng/ml



#39 AR-1262-4

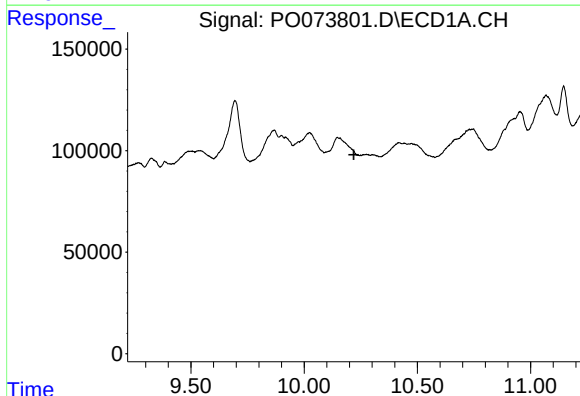
R.T.: 9.541 min  
Delta R.T.: -0.011 min  
Response: 270455  
Conc: 80.86 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



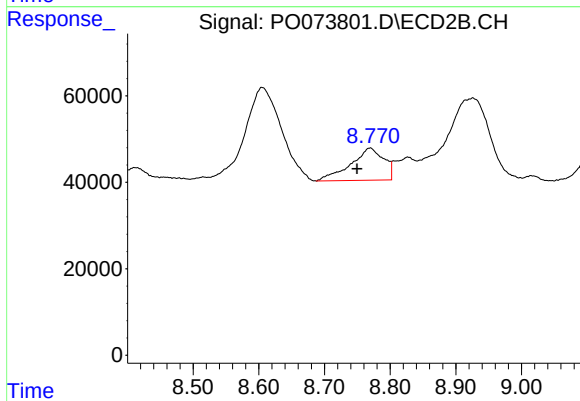
#39 AR-1262-4

R.T.: 8.245 min  
Delta R.T.: -0.011 min  
Response: 152810  
Conc: 24.83 ng/ml



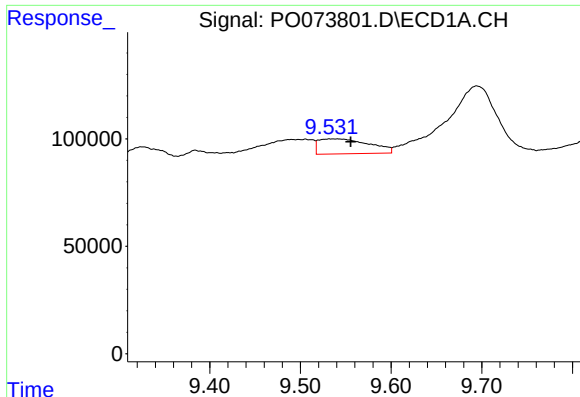
#40 AR-1262-5

R.T.: 0.000 min  
Exp R.T. : 10.220 min  
Response: 0  
Conc: N.D.



#40 AR-1262-5

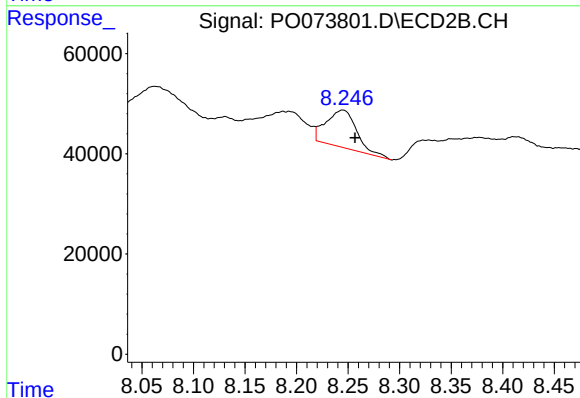
R.T.: 8.770 min  
Delta R.T.: 0.020 min  
Response: 262464  
Conc: 92.19 ng/ml



#42 AR-1268-2

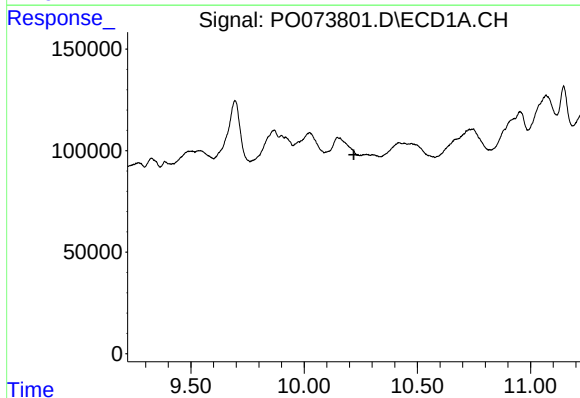
R.T.: 9.541 min  
Delta R.T.: -0.015 min  
Response: 270455  
Conc: 21.94 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



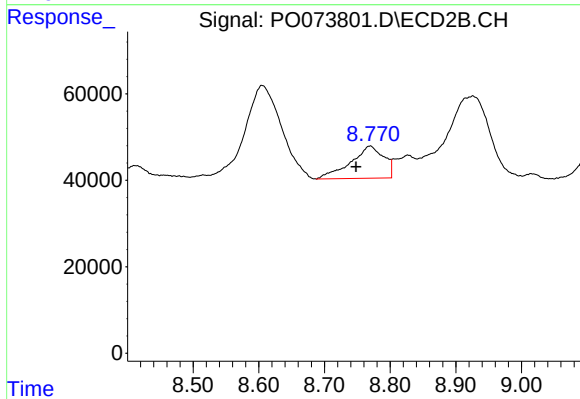
#42 AR-1268-2

R.T.: 8.245 min  
Delta R.T.: -0.012 min  
Response: 152810  
Conc: 18.55 ng/ml



#44 AR-1268-4

R.T.: 0.000 min  
Exp R.T. : 10.219 min  
Response: 0  
Conc: N.D.



#44 AR-1268-4

R.T.: 8.770 min  
Delta R.T.: 0.022 min  
Response: 262464  
Conc: 88.67 ng/ml