

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP051321\  
 Data File : PP035860.D  
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
 Acq On : 13 May 2021 22:33  
 Operator : DD\AJ  
 Sample : AR1242CCC500  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: May 14 04:07:19 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP051021.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Tue May 11 06:42:19 2021  
 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... | 4.775  | 4.196  | 1136266 | 1757926 | 48.494   | 51.715   |
| 2)                          | SA Decachlor... | 10.611 | 9.433  | 607912  | 1067291 | 54.009   | 50.469   |
| Target Compounds            |                 |        |        |         |         |          |          |
| 3)                          | L1 AR-1016-1    | 6.079  | 5.437  | 269202  | 359622  | 419.275  | 448.326  |
| 4)                          | L1 AR-1016-2    | 6.102  | 5.457  | 433185  | 703544  | 419.142  | 406.059  |
| 5)                          | L1 AR-1016-3    | 6.167  | 5.648  | 278884  | 332906  | 409.078  | 460.185  |
| 6)                          | L1 AR-1016-4    | 6.273  | 5.692  | 225750  | 262765  | 411.337  | 403.189  |
| 7)                          | L1 AR-1016-5    | 6.583  | 5.921  | 209303  | 328966  | 412.130  | 417.873  |
| 8)                          | L2 AR-1221-1    | 5.019  | 4.447  | 33678   | 51695   | 122.997  | 135.295  |
| 9)                          | L2 AR-1221-2    | 5.120  | 4.549  | 55361   | 76914   | 246.689  | 275.597  |
| 10)                         | L2 AR-1221-3    | 5.206  | 4.637  | 180434  | 270961  | 291.253  | 303.769  |
| 11)                         | L3 AR-1232-1    | 5.206  | 4.637  | 180434  | 270961  | 377.876  | 396.141  |
| 12)                         | L3 AR-1232-2    | 5.785  | 5.457  | 238595  | 703544  | 917.933  | 983.897  |
| 13)                         | L3 AR-1232-3    | 6.102  | 5.648  | 433185  | 332906  | 965.661  | 1202.723 |
| 14)                         | L3 AR-1232-4    | 6.273  | 5.737  | 225750  | 324672  | 986.615  | 1180.585 |
| 15)                         | L3 AR-1232-5    | 6.369  | 5.921  | 153540  | 328966  | 1080.424 | 1134.948 |
| 16)                         | L4 AR-1242-1    | 6.079  | 5.437  | 269202  | 359622  | 546.966  | 600.611  |
| 17)                         | L4 AR-1242-2    | 6.102  | 5.457  | 433185  | 703544  | 533.347  | 520.523  |
| 18)                         | L4 AR-1242-3    | 6.167  | 5.648  | 278884  | 332906  | 536.039  | 602.339  |
| 19)                         | L4 AR-1242-4    | 6.273  | 5.737  | 225750  | 324672  | 529.973  | 546.520  |
| 20)                         | L4 AR-1242-5    | 7.048  | 6.297  | 229757  | 377112  | 584.106  | 534.259  |
| 21)                         | L5 AR-1248-1    | 6.079  | 5.437  | 269202  | 359622  | 716.831  | 779.056  |
| 22)                         | L5 AR-1248-2    | 6.369  | 5.692  | 153540  | 262765  | 283.728  | 301.657  |
| 23)                         | L5 AR-1248-3    | 6.583  | 5.737  | 209303  | 324672  | 306.318  | 361.246  |
| 24)                         | L5 AR-1248-4    | 7.009  | 5.921  | 205504  | 328966  | 306.032  | 316.554  |
| 25)                         | L5 AR-1248-5    | 7.048  | 6.341  | 229757  | 389798  | 330.954  | 340.153  |
| 26)                         | L6 AR-1254-1    | 6.979  | 6.297  | 149993  | 377112  | 214.160  | 231.263  |
| 27)                         | L6 AR-1254-2    | 7.212  | 6.449  | 184505  | 97396   | 167.649  | 70.840 # |
| 28)                         | L6 AR-1254-3    | 7.584  | 6.867  | 83565   | 111281  | 70.618   | 53.615   |
| 29)                         | L6 AR-1254-4    | 7.879  | 7.105  | 59711   | 89074   | 74.892   | 61.286   |
| 30)                         | L6 AR-1254-5    | 8.303  | 7.526  | 17380   | 17469   | 18.418   | 9.105 #  |
| 31)                         | L7 AR-1260-1    | 7.748  | 7.015  | 7927    | 63812   | 8.792    | 44.509 # |
| 32)                         | L7 AR-1260-2    | 8.011  | 7.192  | 16331   | 20333   | 16.765   | 11.779 # |
| 33)                         | L7 AR-1260-3    | 0.000  | 7.334f | 0       | 21508   | N.D.     | 13.330 # |
| 34)                         | L7 AR-1260-4    | 8.597  | 0.000  | 9523    | 0       | 12.153   | N.D. #   |
| 35)                         | L7 AR-1260-5    | 8.919  | 0.000  | 13891   | 0       | 10.532   | N.D. #   |
| 36)                         | L8 AR-1262-1    | 0.000  | 7.526  | 0       | 17469   | N.D.     | 18.529 # |
| 37)                         | L8 AR-1262-2    | 8.919  | 0.000  | 13891   | 0       | 7.879    | N.D. #   |
| -----                       |                 |        |        |         |         |          |          |

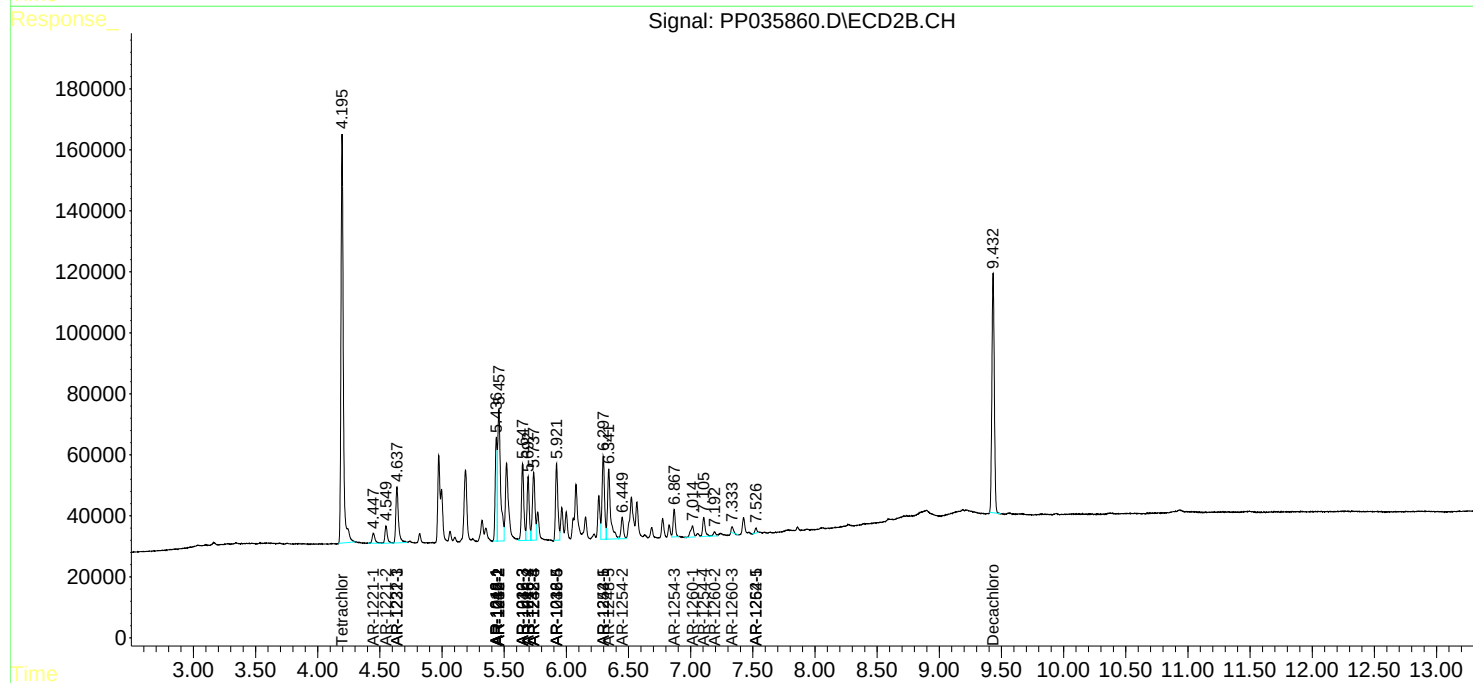
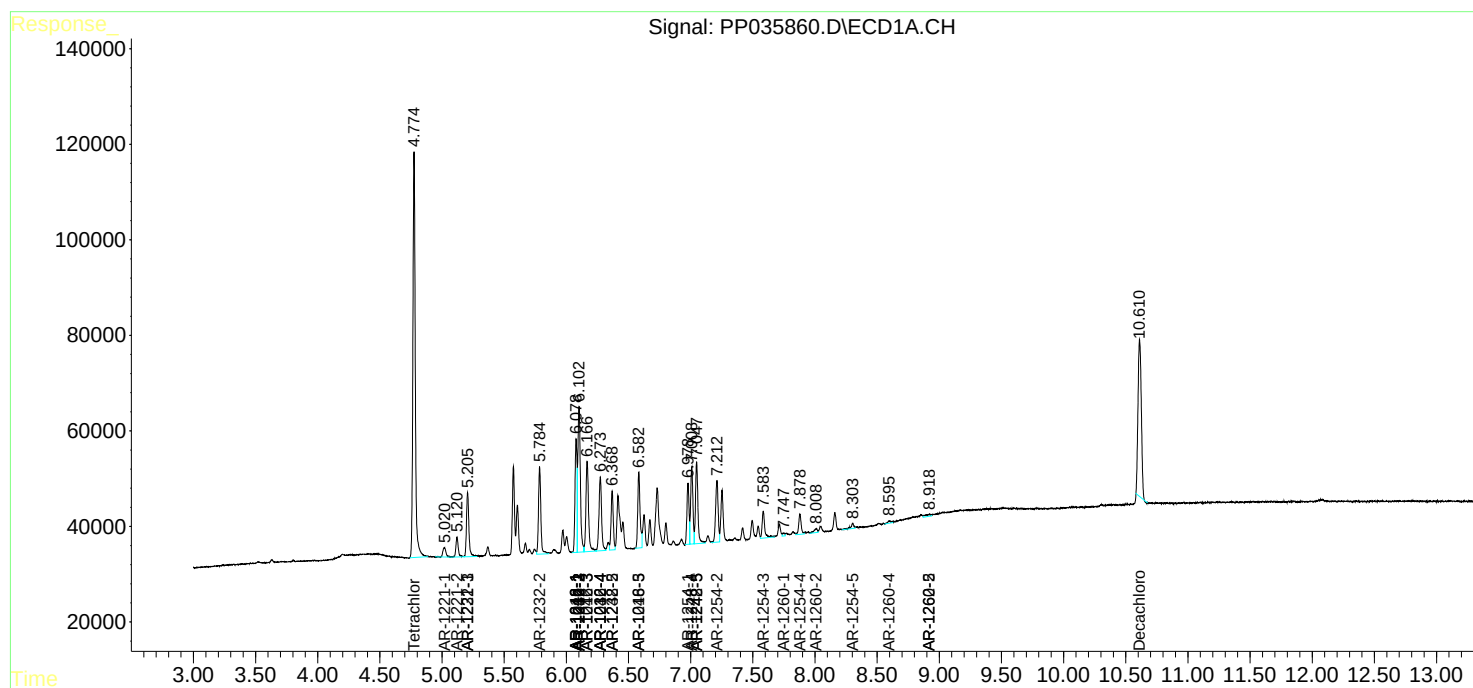
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

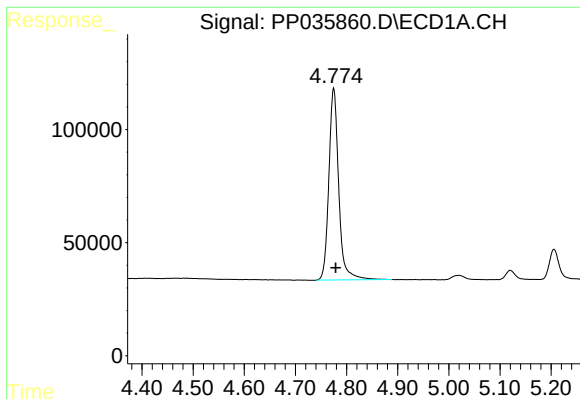
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP051321\  
Data File : PP035860.D  
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
Acq On : 13 May 2021 22:33  
Operator : DD\AJ  
Sample : AR1242CCC500  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
ECD\_P  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: May 14 04:07:19 2021  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP051021.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Tue May 11 06:42:19 2021  
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

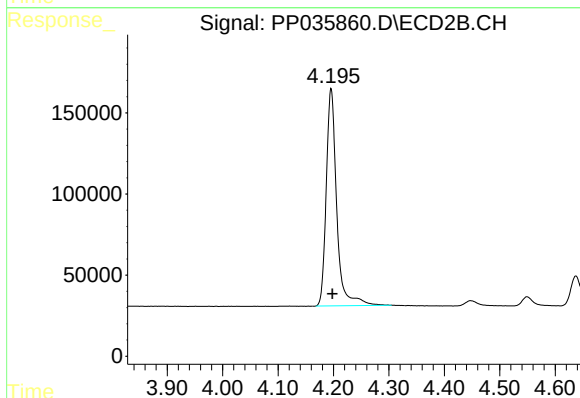




#1 Tetrachloro-m-xylene

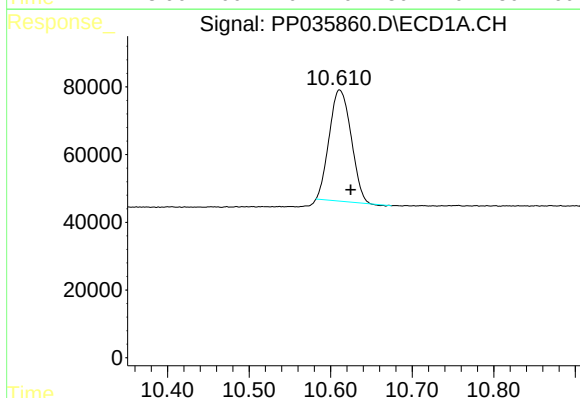
R.T.: 4.775 min  
Delta R.T.: -0.004 min  
Response: 1136266  
Conc: 48.49 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



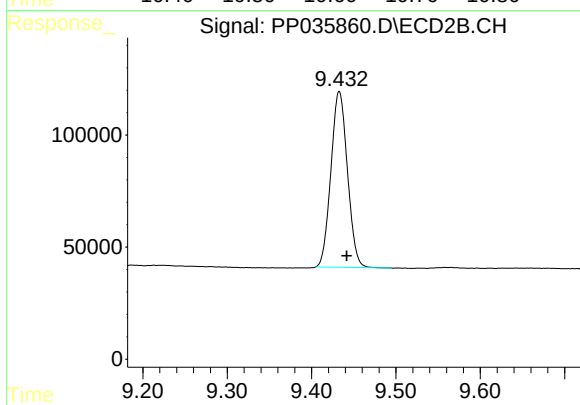
#1 Tetrachloro-m-xylene

R.T.: 4.196 min  
Delta R.T.: -0.002 min  
Response: 1757926  
Conc: 51.71 ng/ml



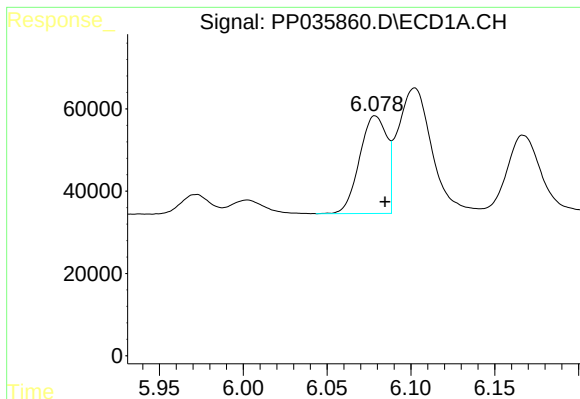
#2 Decachlorobiphenyl

R.T.: 10.611 min  
Delta R.T.: -0.014 min  
Response: 607912  
Conc: 54.01 ng/ml



#2 Decachlorobiphenyl

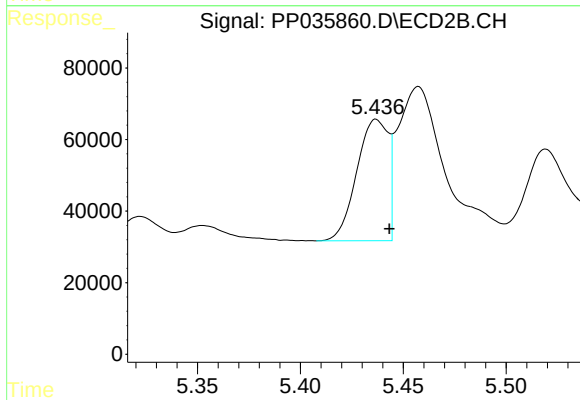
R.T.: 9.433 min  
Delta R.T.: -0.009 min  
Response: 1067291  
Conc: 50.47 ng/ml



#3 AR-1016-1

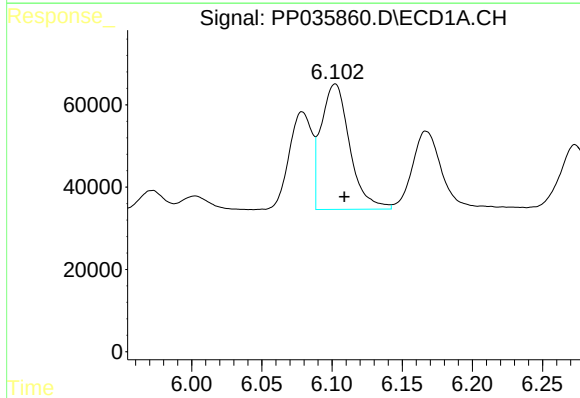
R.T.: 6.079 min  
Delta R.T.: -0.006 min  
Response: 269202  
Conc: 419.28 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



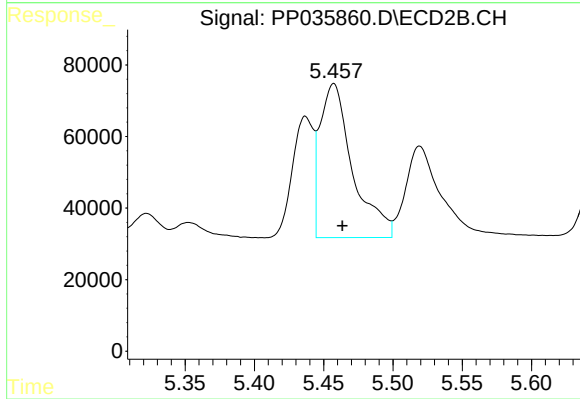
#3 AR-1016-1

R.T.: 5.437 min  
Delta R.T.: -0.006 min  
Response: 359622  
Conc: 448.33 ng/ml



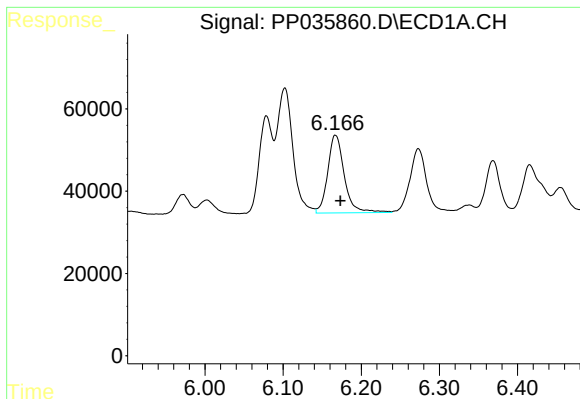
#4 AR-1016-2

R.T.: 6.102 min  
Delta R.T.: -0.007 min  
Response: 433185  
Conc: 419.14 ng/ml



#4 AR-1016-2

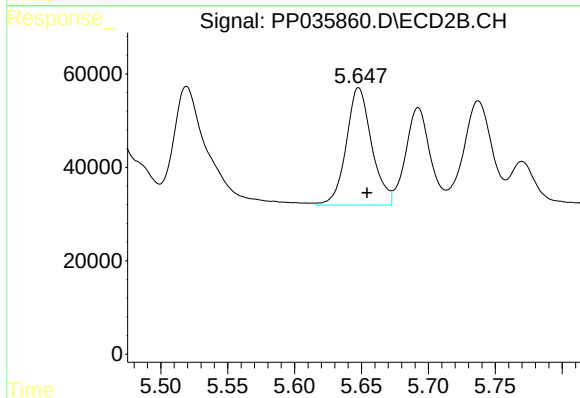
R.T.: 5.457 min  
Delta R.T.: -0.006 min  
Response: 703544  
Conc: 406.06 ng/ml



#5 AR-1016-3

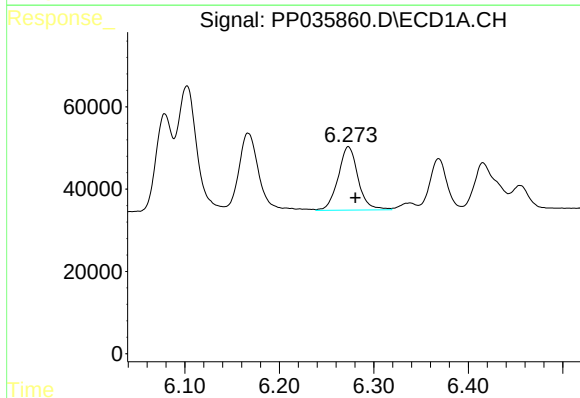
R.T.: 6.167 min  
Delta R.T.: -0.006 min  
Response: 278884  
Conc: 409.08 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



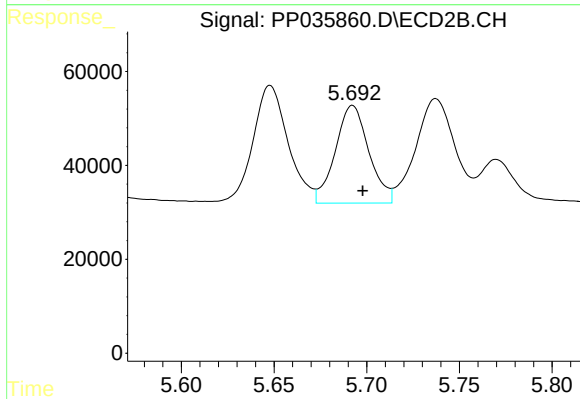
#5 AR-1016-3

R.T.: 5.648 min  
Delta R.T.: -0.006 min  
Response: 332906  
Conc: 460.18 ng/ml



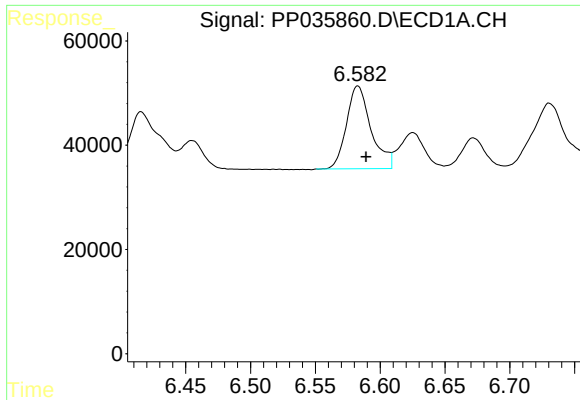
#6 AR-1016-4

R.T.: 6.273 min  
Delta R.T.: -0.007 min  
Response: 225750  
Conc: 411.34 ng/ml



#6 AR-1016-4

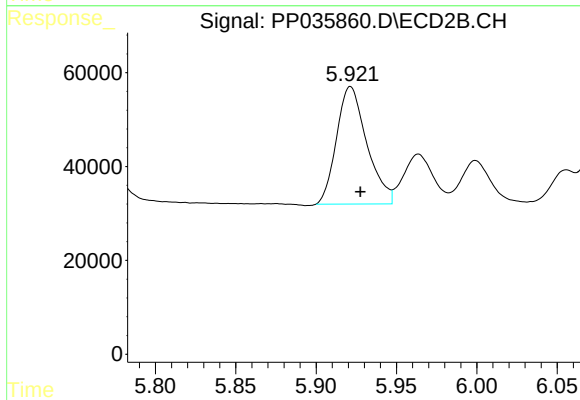
R.T.: 5.692 min  
Delta R.T.: -0.006 min  
Response: 262765  
Conc: 403.19 ng/ml



#7 AR-1016-5

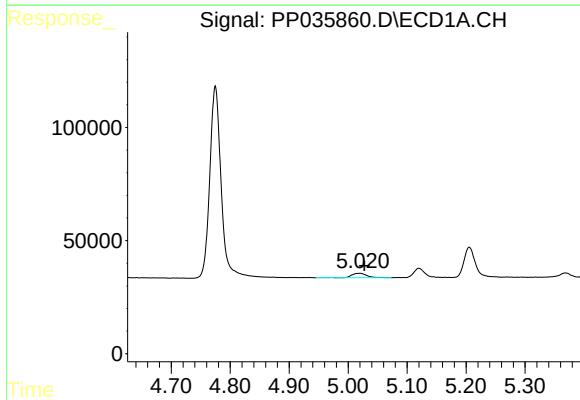
R.T.: 6.583 min  
Delta R.T.: -0.006 min  
Response: 209303  
Conc: 412.13 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



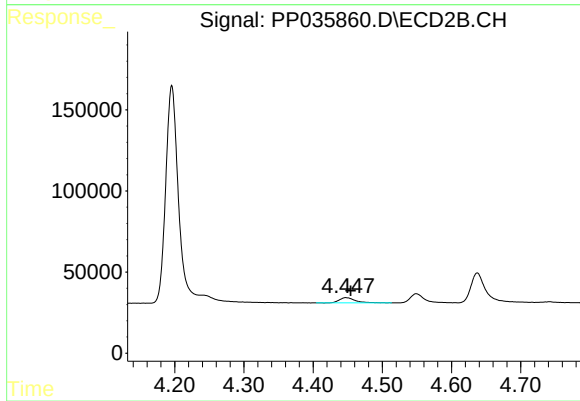
#7 AR-1016-5

R.T.: 5.921 min  
Delta R.T.: -0.006 min  
Response: 328966  
Conc: 417.87 ng/ml



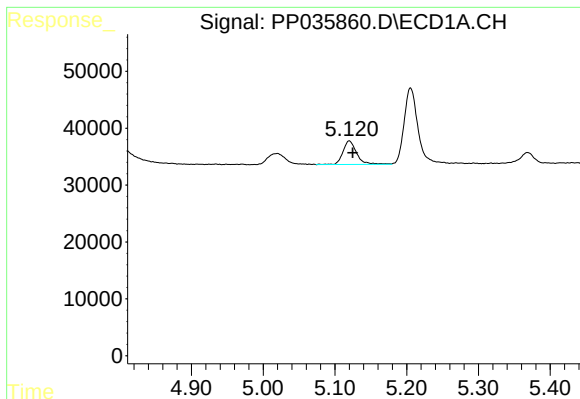
#8 AR-1221-1

R.T.: 5.019 min  
Delta R.T.: -0.009 min  
Response: 33678  
Conc: 123.00 ng/ml



#8 AR-1221-1

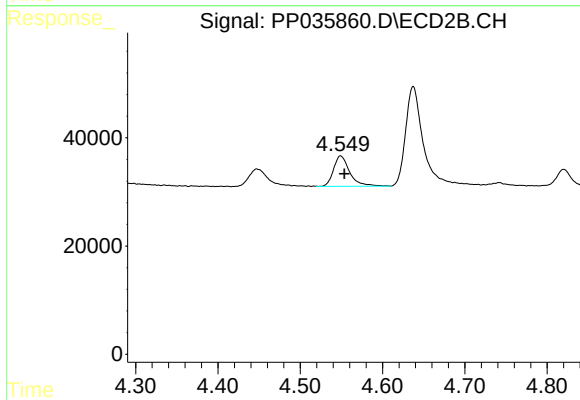
R.T.: 4.447 min  
Delta R.T.: -0.007 min  
Response: 51695  
Conc: 135.30 ng/ml



#9 AR-1221-2

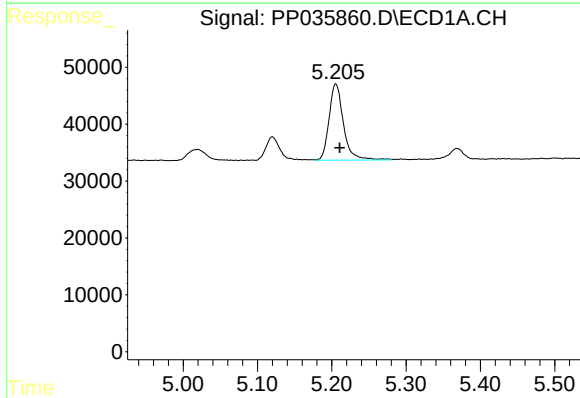
R.T.: 5.120 min  
Delta R.T.: -0.005 min  
Response: 55361  
Conc: 246.69 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



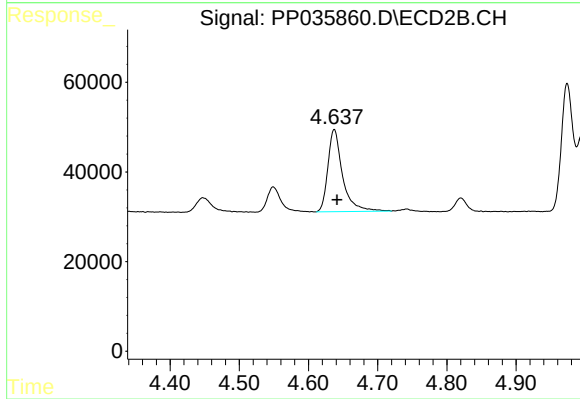
#9 AR-1221-2

R.T.: 4.549 min  
Delta R.T.: -0.005 min  
Response: 76914  
Conc: 275.60 ng/ml



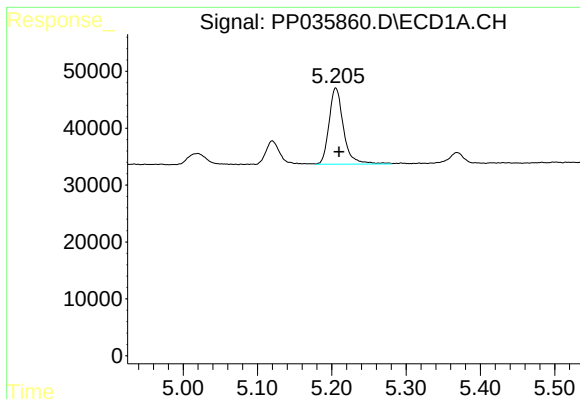
#10 AR-1221-3

R.T.: 5.206 min  
Delta R.T.: -0.005 min  
Response: 180434  
Conc: 291.25 ng/ml



#10 AR-1221-3

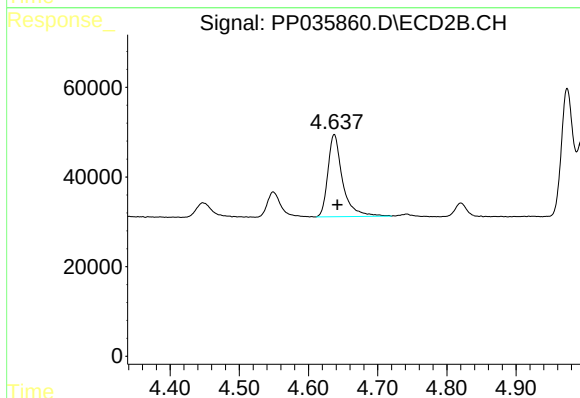
R.T.: 4.637 min  
Delta R.T.: -0.004 min  
Response: 270961  
Conc: 303.77 ng/ml



#11 AR-1232-1

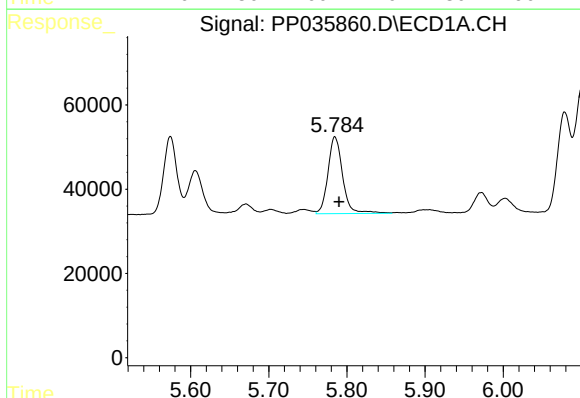
R.T.: 5.206 min  
Delta R.T.: -0.004 min  
Response: 180434  
Conc: 377.88 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



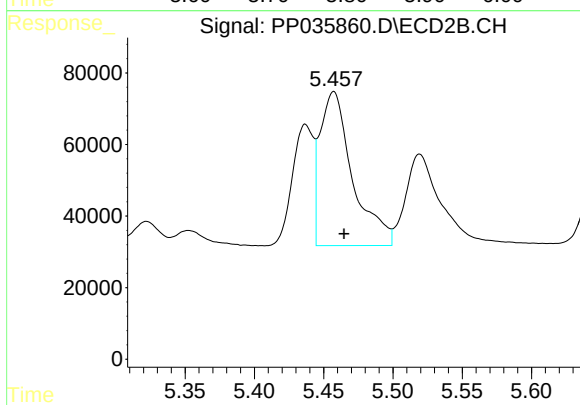
#11 AR-1232-1

R.T.: 4.637 min  
Delta R.T.: -0.004 min  
Response: 270961  
Conc: 396.14 ng/ml



#12 AR-1232-2

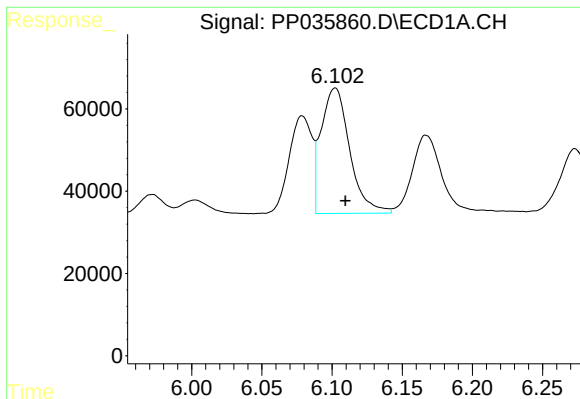
R.T.: 5.785 min  
Delta R.T.: -0.005 min  
Response: 238595  
Conc: 917.93 ng/ml



#12 AR-1232-2

R.T.: 5.457 min  
Delta R.T.: -0.007 min  
Response: 703544  
Conc: 983.90 ng/ml

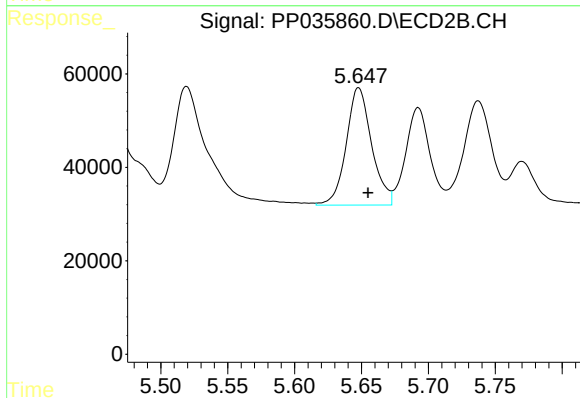




#13 AR-1232-3

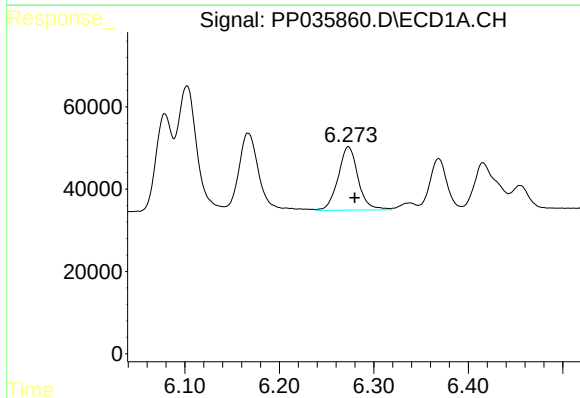
R.T.: 6.102 min  
Delta R.T.: -0.007 min  
Response: 433185  
Conc: 965.66 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



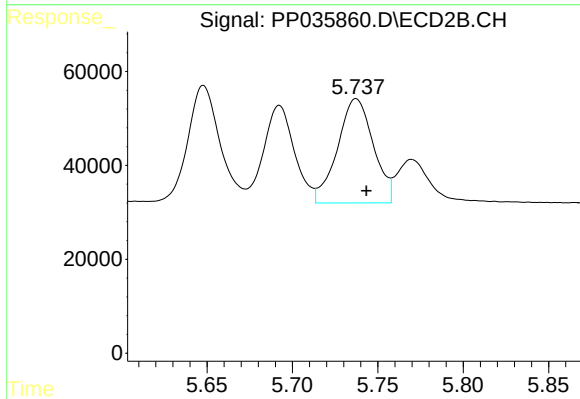
#13 AR-1232-3

R.T.: 5.648 min  
Delta R.T.: -0.007 min  
Response: 332906  
Conc: 1202.72 ng/ml



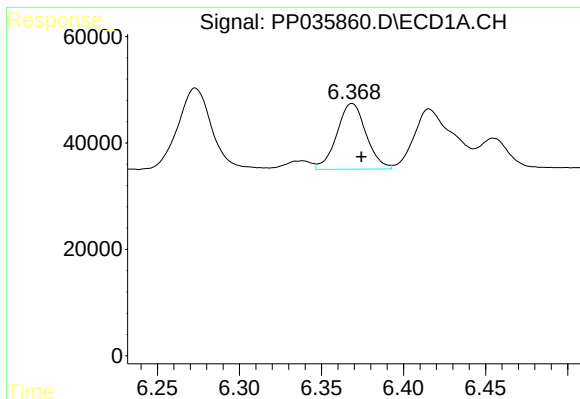
#14 AR-1232-4

R.T.: 6.273 min  
Delta R.T.: -0.007 min  
Response: 225750  
Conc: 986.62 ng/ml



#14 AR-1232-4

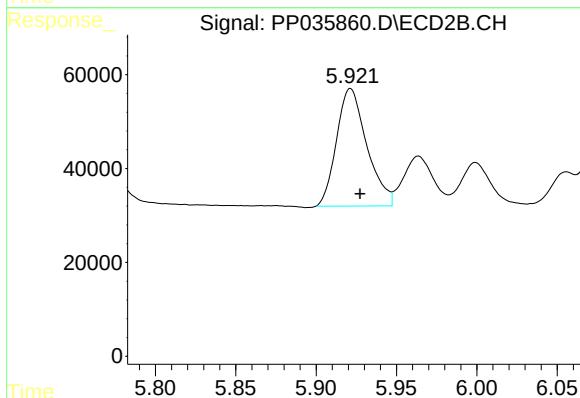
R.T.: 5.737 min  
Delta R.T.: -0.006 min  
Response: 324672  
Conc: 1180.59 ng/ml



#15 AR-1232-5

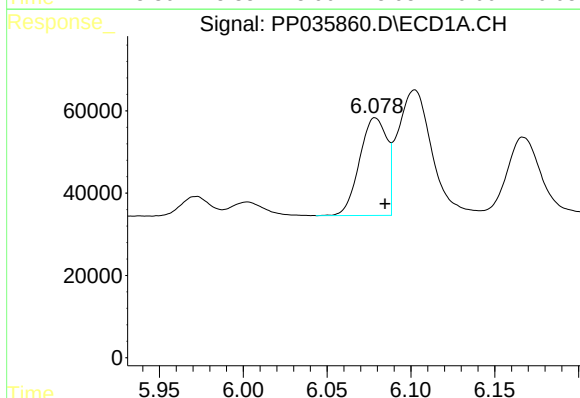
R.T.: 6.369 min  
Delta R.T.: -0.006 min  
Response: 153540  
Conc: 1080.42 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



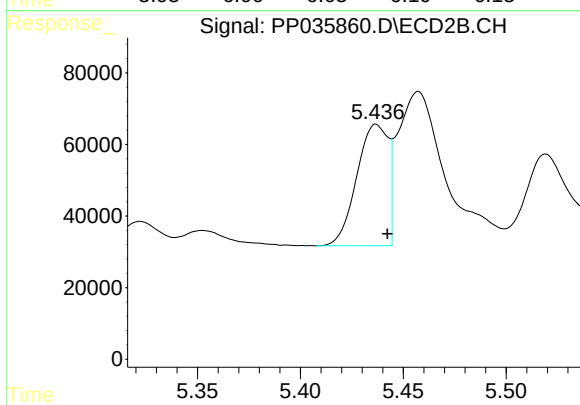
#15 AR-1232-5

R.T.: 5.921 min  
Delta R.T.: -0.006 min  
Response: 328966  
Conc: 1134.95 ng/ml



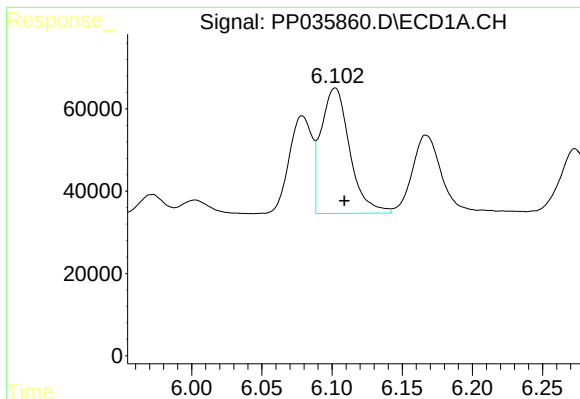
#16 AR-1242-1

R.T.: 6.079 min  
Delta R.T.: -0.005 min  
Response: 269202  
Conc: 546.97 ng/ml



#16 AR-1242-1

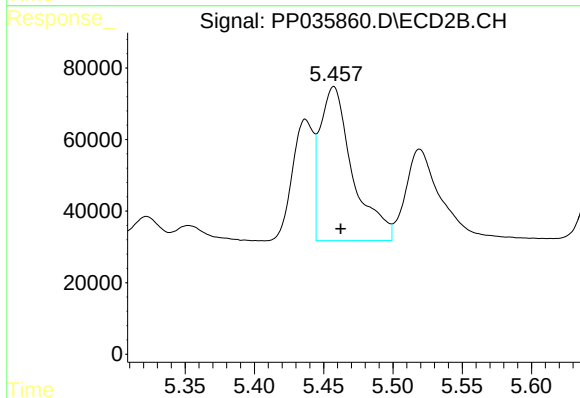
R.T.: 5.437 min  
Delta R.T.: -0.005 min  
Response: 359622  
Conc: 600.61 ng/ml



#17 AR-1242-2

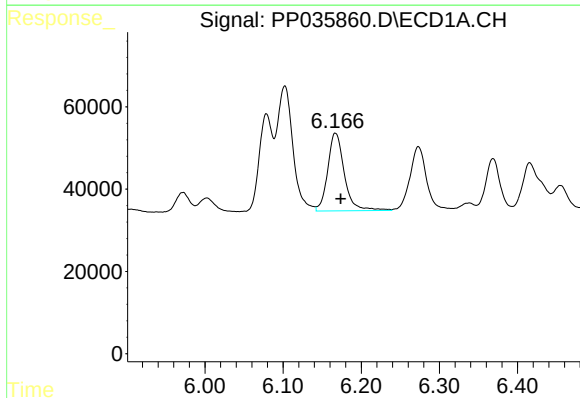
R.T.: 6.102 min  
Delta R.T.: -0.007 min  
Response: 433185  
Conc: 533.35 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



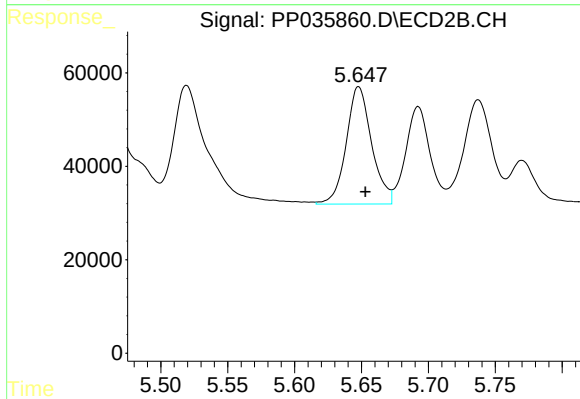
#17 AR-1242-2

R.T.: 5.457 min  
Delta R.T.: -0.005 min  
Response: 703544  
Conc: 520.52 ng/ml



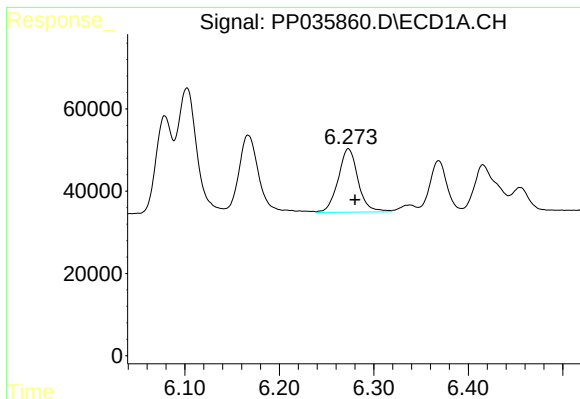
#18 AR-1242-3

R.T.: 6.167 min  
Delta R.T.: -0.006 min  
Response: 278884  
Conc: 536.04 ng/ml



#18 AR-1242-3

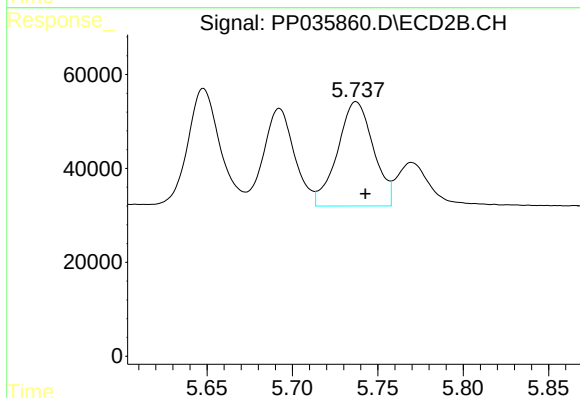
R.T.: 5.648 min  
Delta R.T.: -0.005 min  
Response: 332906  
Conc: 602.34 ng/ml



#19 AR-1242-4

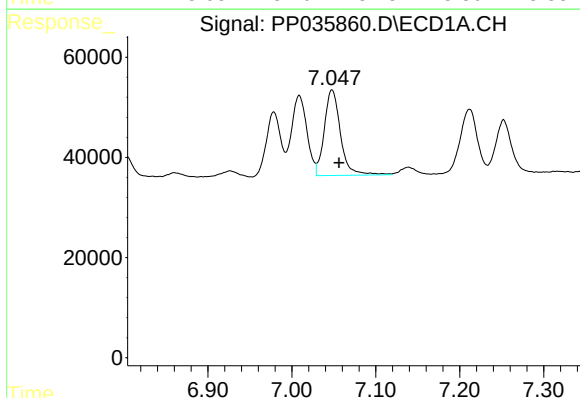
R.T.: 6.273 min  
Delta R.T.: -0.007 min  
Response: 225750  
Conc: 529.97 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



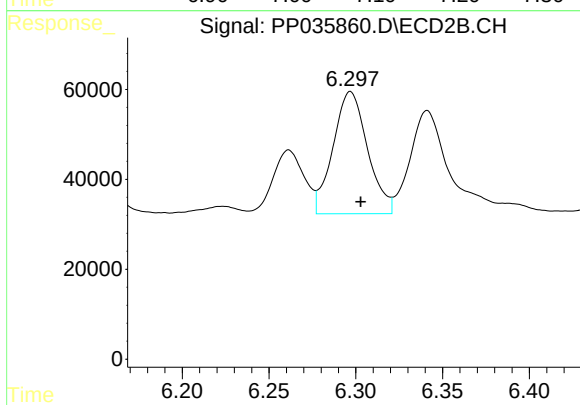
#19 AR-1242-4

R.T.: 5.737 min  
Delta R.T.: -0.005 min  
Response: 324672  
Conc: 546.52 ng/ml



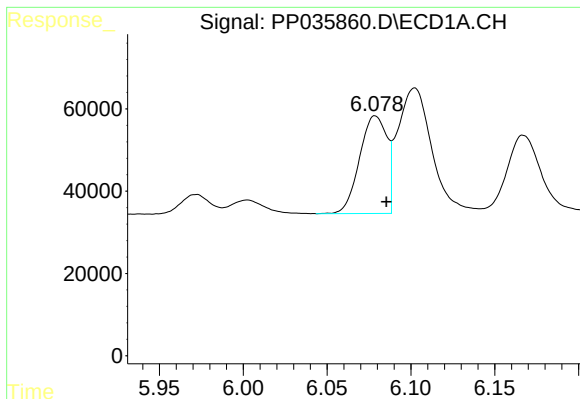
#20 AR-1242-5

R.T.: 7.048 min  
Delta R.T.: -0.008 min  
Response: 229757  
Conc: 584.11 ng/ml



#20 AR-1242-5

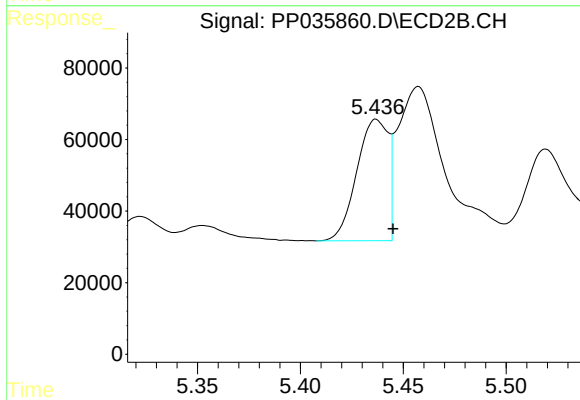
R.T.: 6.297 min  
Delta R.T.: -0.006 min  
Response: 377112  
Conc: 534.26 ng/ml



#21 AR-1248-1

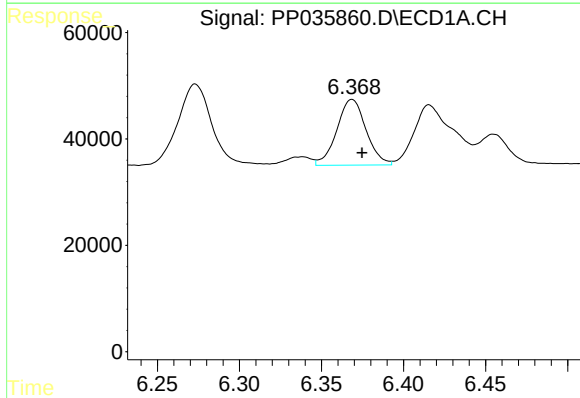
R.T.: 6.079 min  
Delta R.T.: -0.006 min  
Response: 269202  
Conc: 716.83 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



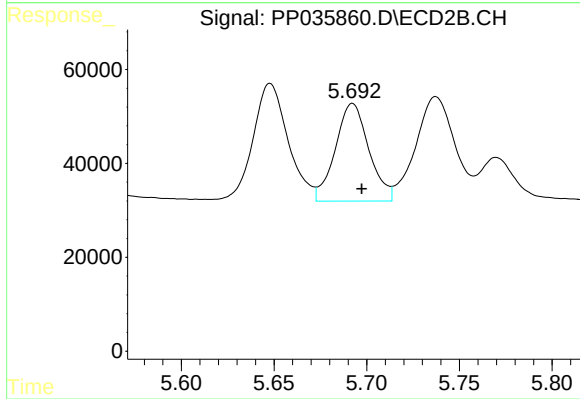
#21 AR-1248-1

R.T.: 5.437 min  
Delta R.T.: -0.008 min  
Response: 359622  
Conc: 779.06 ng/ml



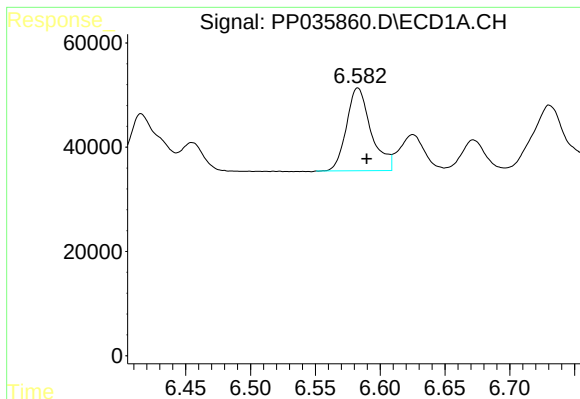
#22 AR-1248-2

R.T.: 6.369 min  
Delta R.T.: -0.006 min  
Response: 153540  
Conc: 283.73 ng/ml



#22 AR-1248-2

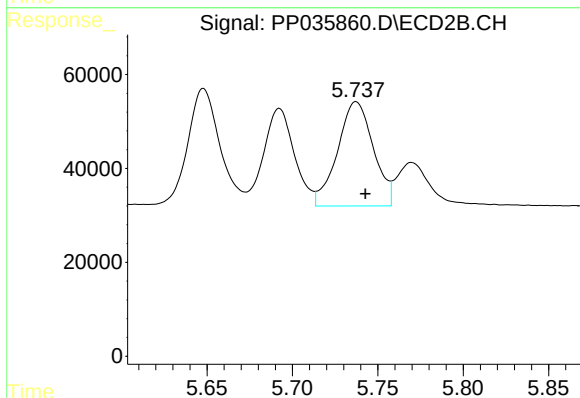
R.T.: 5.692 min  
Delta R.T.: -0.005 min  
Response: 262765  
Conc: 301.66 ng/ml



#23 AR-1248-3

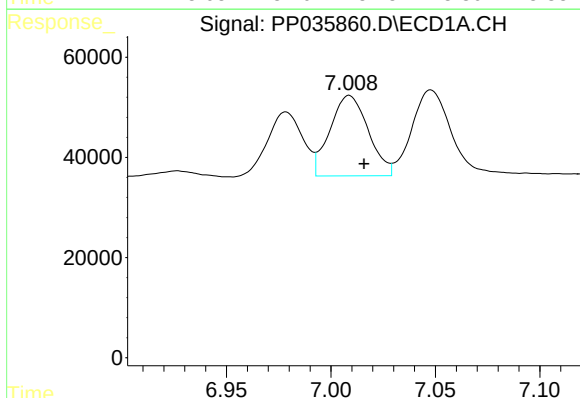
R.T.: 6.583 min  
Delta R.T.: -0.007 min  
Response: 209303  
Conc: 306.32 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



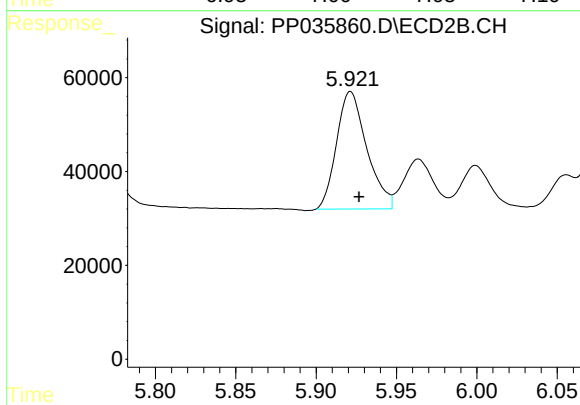
#23 AR-1248-3

R.T.: 5.737 min  
Delta R.T.: -0.005 min  
Response: 324672  
Conc: 361.25 ng/ml



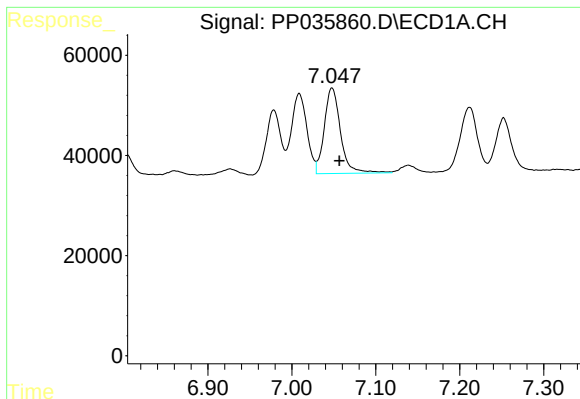
#24 AR-1248-4

R.T.: 7.009 min  
Delta R.T.: -0.007 min  
Response: 205504  
Conc: 306.03 ng/ml



#24 AR-1248-4

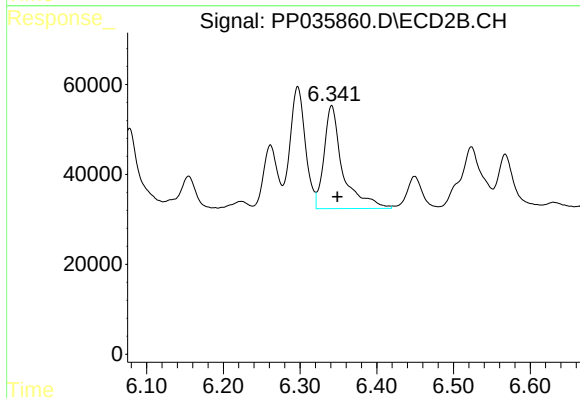
R.T.: 5.921 min  
Delta R.T.: -0.005 min  
Response: 328966  
Conc: 316.55 ng/ml



#25 AR-1248-5

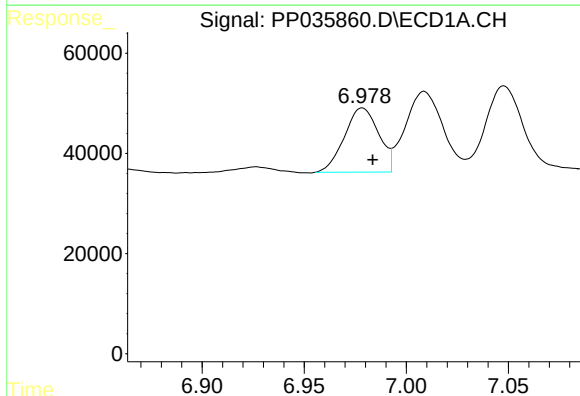
R.T.: 7.048 min  
Delta R.T.: -0.009 min  
Response: 229757  
Conc: 330.95 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



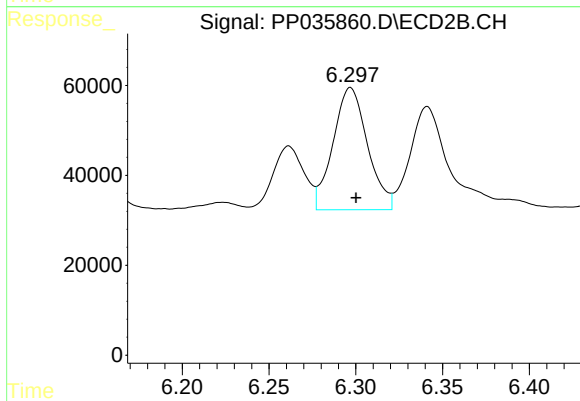
#25 AR-1248-5

R.T.: 6.341 min  
Delta R.T.: -0.008 min  
Response: 389798  
Conc: 340.15 ng/ml



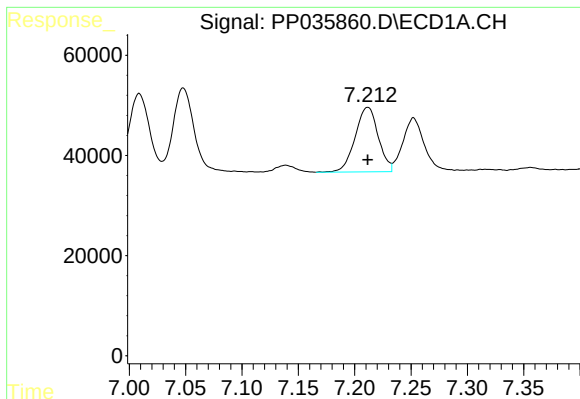
#26 AR-1254-1

R.T.: 6.979 min  
Delta R.T.: -0.005 min  
Response: 149993  
Conc: 214.16 ng/ml



#26 AR-1254-1

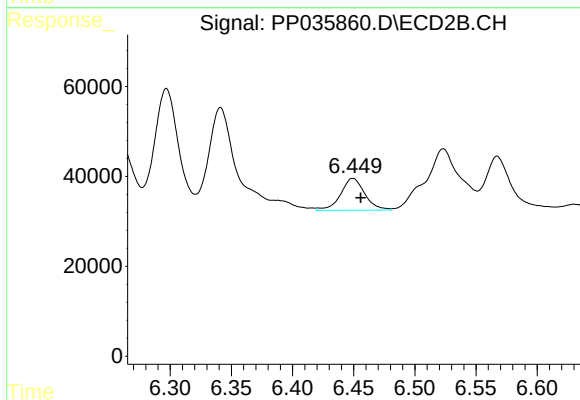
R.T.: 6.297 min  
Delta R.T.: -0.003 min  
Response: 377112  
Conc: 231.26 ng/ml



#27 AR-1254-2

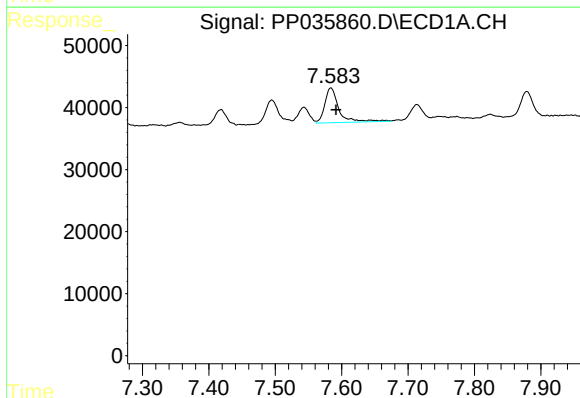
R.T.: 7.212 min  
Delta R.T.: 0.000 min  
Response: 184505  
Conc: 167.65 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



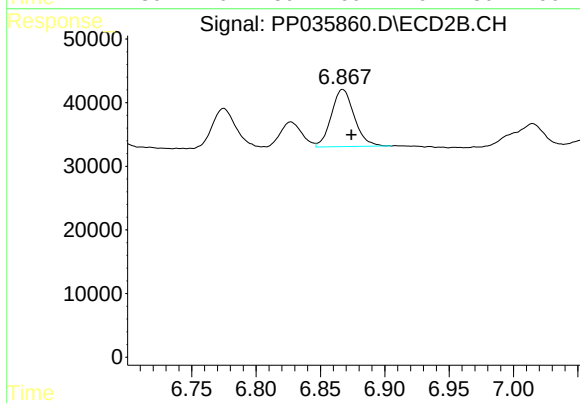
#27 AR-1254-2

R.T.: 6.449 min  
Delta R.T.: -0.006 min  
Response: 97396  
Conc: 70.84 ng/ml



#28 AR-1254-3

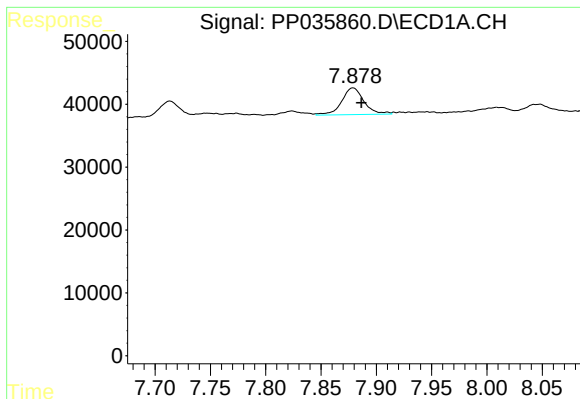
R.T.: 7.584 min  
Delta R.T.: -0.008 min  
Response: 83565  
Conc: 70.62 ng/ml



#28 AR-1254-3

R.T.: 6.867 min  
Delta R.T.: -0.007 min  
Response: 111281  
Conc: 53.62 ng/ml

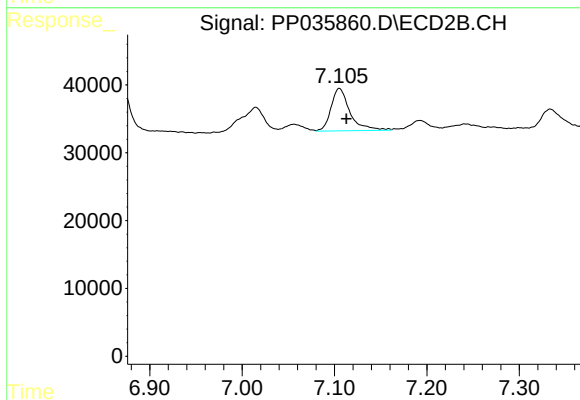




#29 AR-1254-4

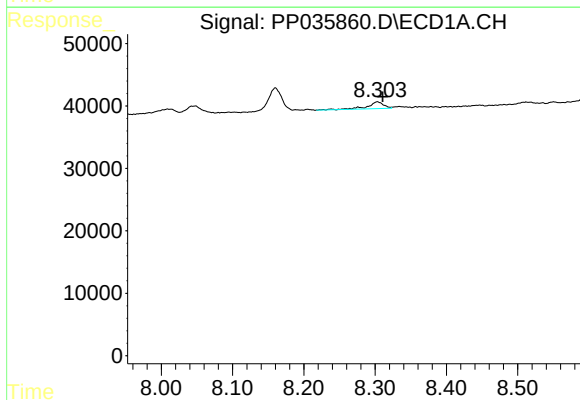
R.T.: 7.879 min  
Delta R.T.: -0.008 min  
Response: 59711  
Conc: 74.89 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



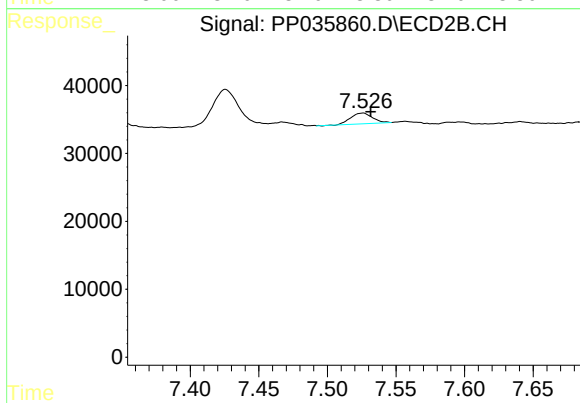
#29 AR-1254-4

R.T.: 7.105 min  
Delta R.T.: -0.008 min  
Response: 89074  
Conc: 61.29 ng/ml



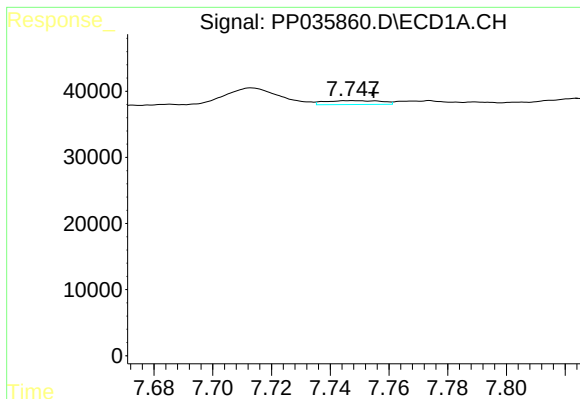
#30 AR-1254-5

R.T.: 8.303 min  
Delta R.T.: -0.007 min  
Response: 17380  
Conc: 18.42 ng/ml



#30 AR-1254-5

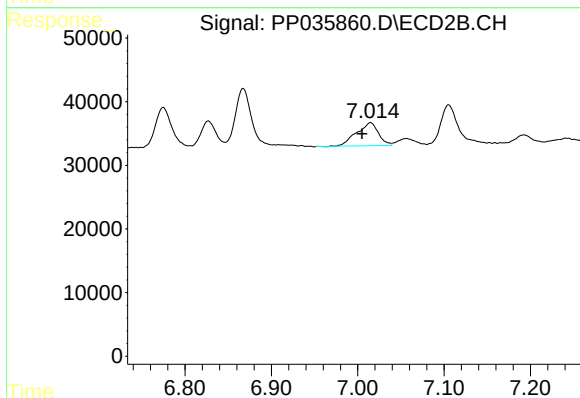
R.T.: 7.526 min  
Delta R.T.: -0.006 min  
Response: 17469  
Conc: 9.10 ng/ml



#31 AR-1260-1

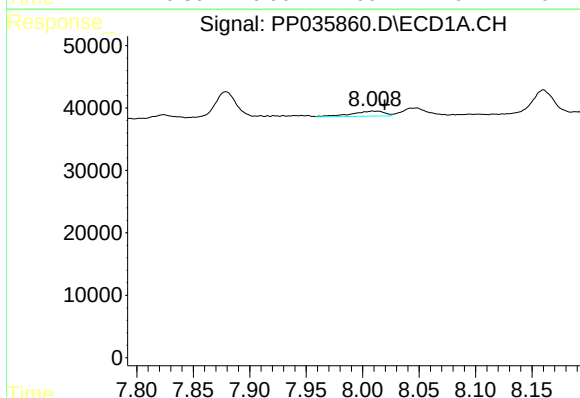
R.T.: 7.748 min  
Delta R.T.: -0.007 min  
Response: 7927  
Conc: 8.79 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



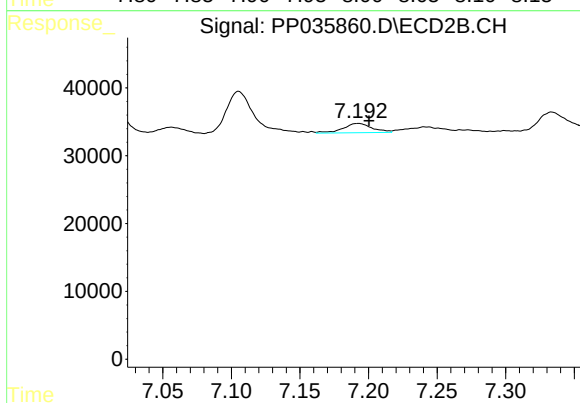
#31 AR-1260-1

R.T.: 7.015 min  
Delta R.T.: 0.010 min  
Response: 63812  
Conc: 44.51 ng/ml



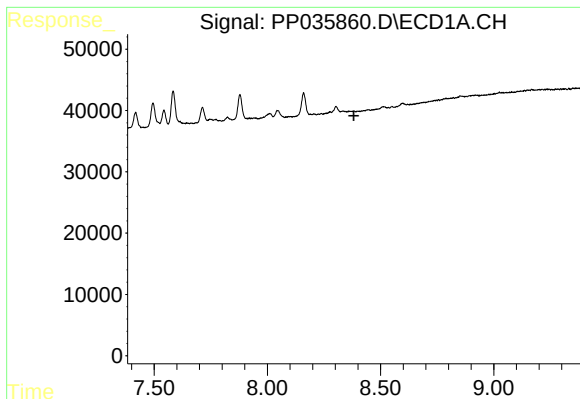
#32 AR-1260-2

R.T.: 8.011 min  
Delta R.T.: -0.009 min  
Response: 16331  
Conc: 16.76 ng/ml



#32 AR-1260-2

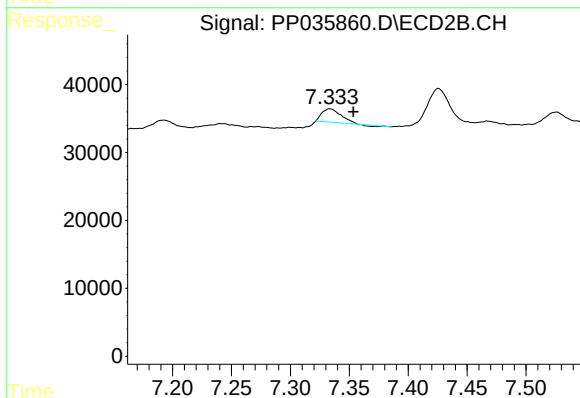
R.T.: 7.192 min  
Delta R.T.: -0.008 min  
Response: 20333  
Conc: 11.78 ng/ml



#33 AR-1260-3

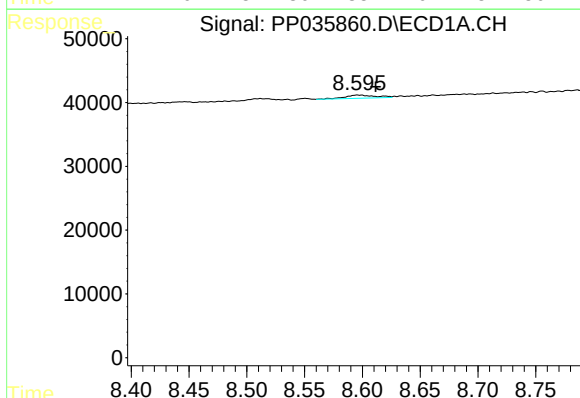
R.T.: 0.000 min  
Exp R.T.: 8.382 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :



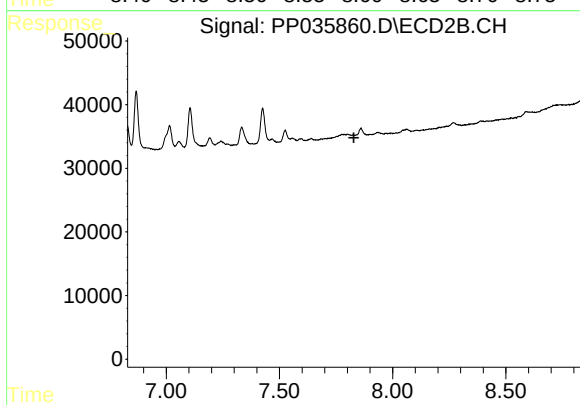
#33 AR-1260-3

R.T.: 7.334 min  
Delta R.T.: -0.020 min  
Response: 21508  
Conc: 13.33 ng/ml



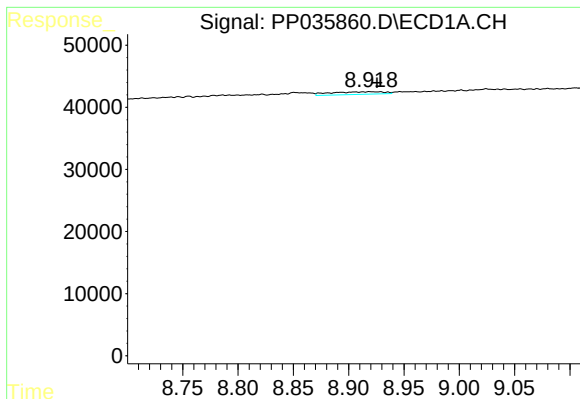
#34 AR-1260-4

R.T.: 8.597 min  
Delta R.T.: -0.015 min  
Response: 9523  
Conc: 12.15 ng/ml



#34 AR-1260-4

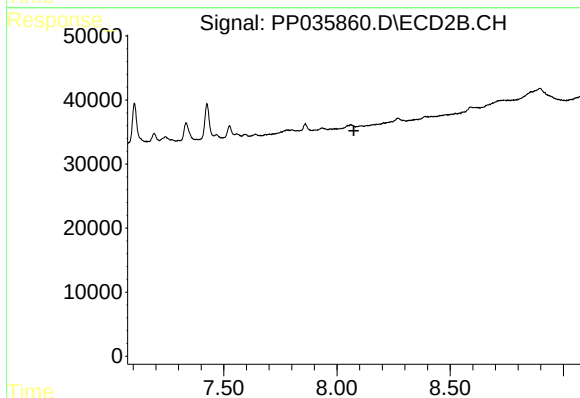
R.T.: 0.000 min  
Exp R.T.: 7.829 min  
Response: 0  
Conc: N.D.



#35 AR-1260-5

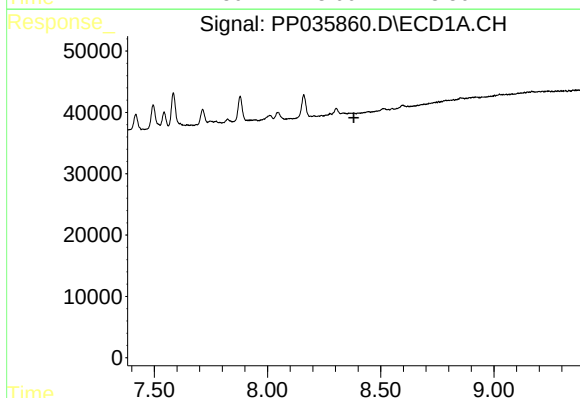
R.T.: 8.919 min  
Delta R.T.: -0.007 min  
Response: 13891  
Conc: 10.53 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



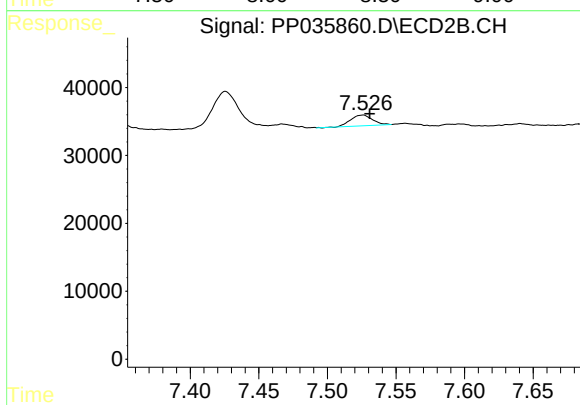
#35 AR-1260-5

R.T.: 0.000 min  
Exp R.T. : 8.074 min  
Response: 0  
Conc: N.D.



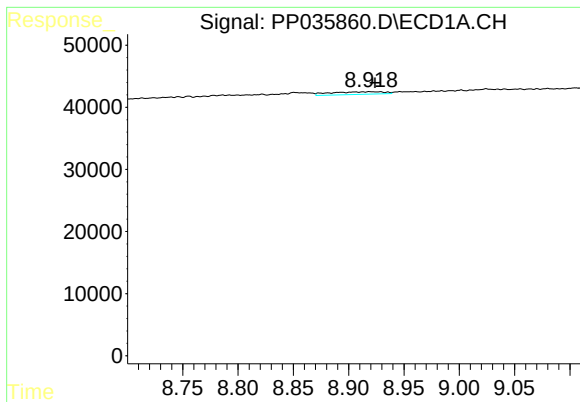
#36 AR-1262-1

R.T.: 0.000 min  
Exp R.T. : 8.381 min  
Response: 0  
Conc: N.D.



#36 AR-1262-1

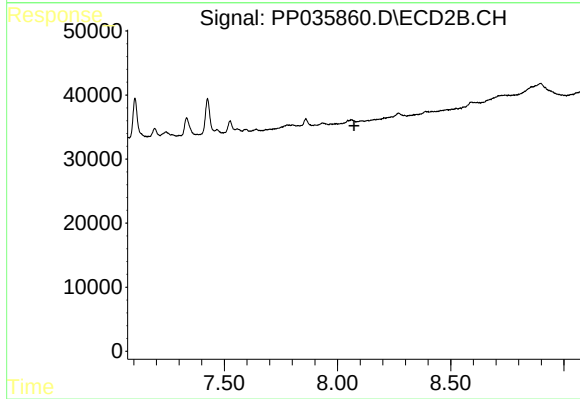
R.T.: 7.526 min  
Delta R.T.: -0.005 min  
Response: 17469  
Conc: 18.53 ng/ml



#37 AR-1262-2

R.T.: 8.919 min  
Delta R.T.: -0.005 min  
Response: 13891  
Conc: 7.88 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



#37 AR-1262-2

R.T.: 0.000 min  
Exp R.T. : 8.073 min  
Response: 0  
Conc: N.D.