

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP120621\  
 Data File : PP041703.D  
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
 Acq On : 07 Dec 2021 7:37  
 Operator : AJ\MA  
 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: Dec 07 07:40:50 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP113021.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Tue Nov 30 23:30:32 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... | 4.743  | 3.748 | 1259716 | 1631797 | 55.865   | 53.720    |
| 2)                          | SA Decachlor... | 10.635 | 9.002 | 1074946 | 774396  | 49.922   | 50.106    |
| Target Compounds            |                 |        |       |         |         |          |           |
| 3)                          | L1 AR-1016-1    | 6.058  | 4.994 | 304520  | 360752  | 380.585  | 388.307   |
| 4)                          | L1 AR-1016-2    | 6.082  | 5.012 | 455776  | 552772  | 382.533  | 389.390   |
| 5)                          | L1 AR-1016-3    | 6.146  | 5.202 | 287086  | 303974  | 385.258  | 378.607   |
| 6)                          | L1 AR-1016-4    | 6.253  | 5.256 | 229550  | 229368  | 378.130  | 364.006   |
| 7)                          | L1 AR-1016-5    | 6.566  | 5.482 | 225340  | 264987  | 384.540  | 356.234   |
| 8)                          | L2 AR-1221-1    | 4.988  | 4.003 | 38388   | 46724   | 146.052  | 133.141   |
| 9)                          | L2 AR-1221-2    | 5.092  | 4.101 | 50797   | 74134   | 271.052  | 269.291   |
| 10)                         | L2 AR-1221-3    | 5.179  | 4.189 | 178341  | 271466  | 285.993  | 312.802   |
| 11)                         | L3 AR-1232-1    | 5.179  | 4.189 | 178341  | 271466  | 345.122  | 366.475   |
| 12)                         | L3 AR-1232-2    | 5.763  | 5.012 | 236859  | 552772  | 920.473  | 890.722   |
| 13)                         | L3 AR-1232-3    | 6.082  | 5.202 | 455776  | 303974  | 921.017  | 938.495   |
| 14)                         | L3 AR-1232-4    | 6.253  | 5.300 | 229550  | 280119  | 935.034  | 981.226   |
| 15)                         | L3 AR-1232-5    | 6.351  | 5.482 | 168222  | 264987  | 1044.946 | 861.185   |
| 16)                         | L4 AR-1242-1    | 6.058  | 4.994 | 304520  | 360752  | 507.753  | 489.854   |
| 17)                         | L4 AR-1242-2    | 6.082  | 5.012 | 455776  | 552772  | 496.421  | 496.286   |
| 18)                         | L4 AR-1242-3    | 6.146  | 5.202 | 287086  | 303974  | 494.494  | 494.921   |
| 19)                         | L4 AR-1242-4    | 6.253  | 5.300 | 229550  | 280119  | 489.857  | 477.332   |
| 20)                         | L4 AR-1242-5    | 7.034  | 5.861 | 304843  | 349299  | 634.352  | 536.699   |
| 21)                         | L5 AR-1248-1    | 6.058  | 4.994 | 304520  | 360752  | 695.610  | 660.104   |
| 22)                         | L5 AR-1248-2    | 6.351  | 5.256 | 168222  | 229368  | 271.257  | 281.730   |
| 23)                         | L5 AR-1248-3    | 6.566  | 5.300 | 225340  | 280119  | 301.618  | 330.770   |
| 24)                         | L5 AR-1248-4    | 6.995  | 5.482 | 259744  | 264987  | 310.089  | 271.721   |
| 25)                         | L5 AR-1248-5    | 7.034  | 5.903 | 304843  | 310258  | 366.331  | 346.510   |
| 26)                         | L6 AR-1254-1    | 6.965  | 5.861 | 197724  | 349299  | 232.971  | 250.925   |
| 27)                         | L6 AR-1254-2    | 7.198  | 6.021 | 252920  | 126931  | 191.985  | 106.286 # |
| 28)                         | L6 AR-1254-3    | 7.574  | 6.439 | 116440  | 114287  | 81.747   | 64.559    |
| 29)                         | L6 AR-1254-4    | 7.870  | 6.680 | 76187   | 73517   | 73.434   | 71.328    |
| 30)                         | L6 AR-1254-5    | 8.297  | 7.108 | 37555   | 22247   | 33.461   | 15.258 #  |
| 31)                         | L7 AR-1260-1    | 7.738  | 6.585 | 12589   | 61866   | 12.753   | 54.011 #  |
| 32)                         | L7 AR-1260-2    | 7.988f | 6.777 | 54780   | 7133    | 43.600   | 5.434 #   |
| 33)                         | L7 AR-1260-3    | 0.000  | 6.928 | 0       | 24425   | N.D.     | 18.261 #  |
| 34)                         | L7 AR-1260-4    | 8.591  | 0.000 | 22759   | 0       | 21.268   | N.D. #    |
| 36)                         | L8 AR-1262-1    | 0.000  | 7.108 | 0       | 22247   | N.D.     | 29.765 #  |
| 45)                         | L9 AR-1268-5    | 10.339 | 0.000 | 14689   | 0       | 2.032    | N.D. #    |
| -----                       |                 |        |       |         |         |          |           |

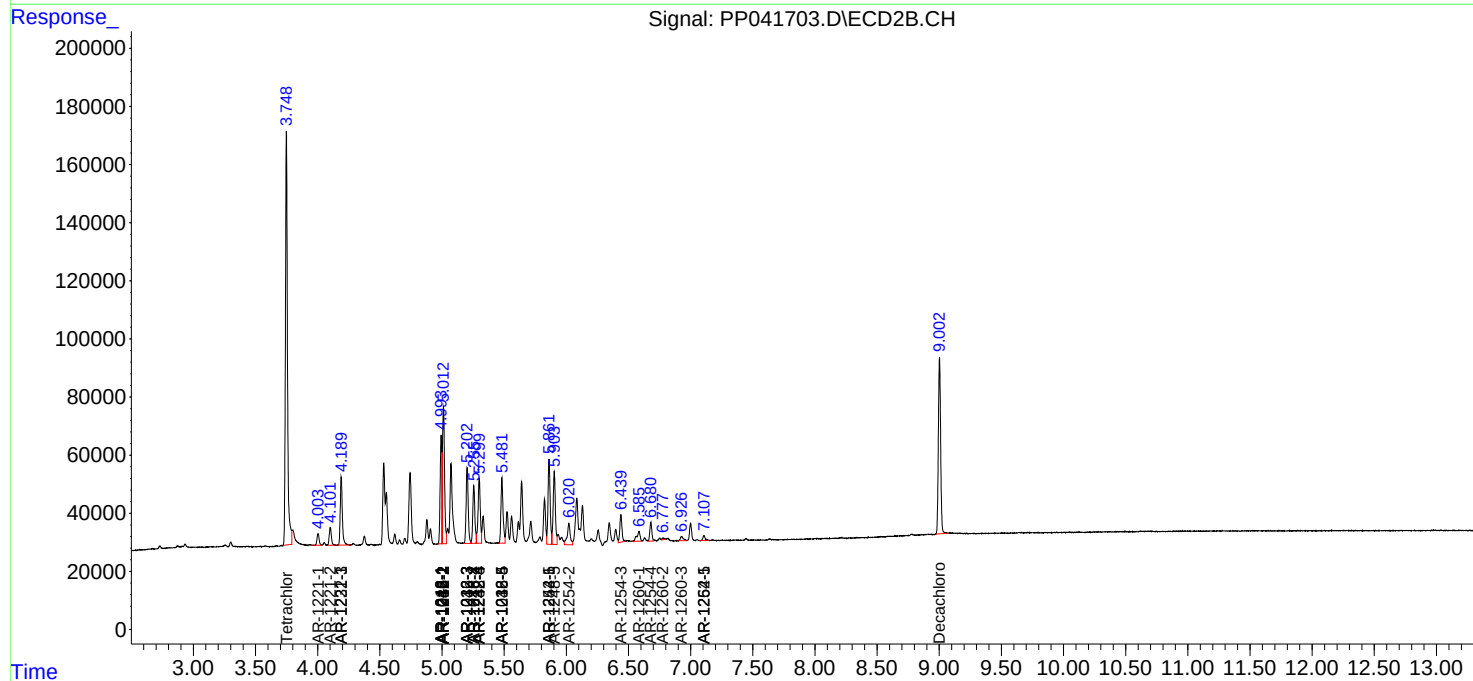
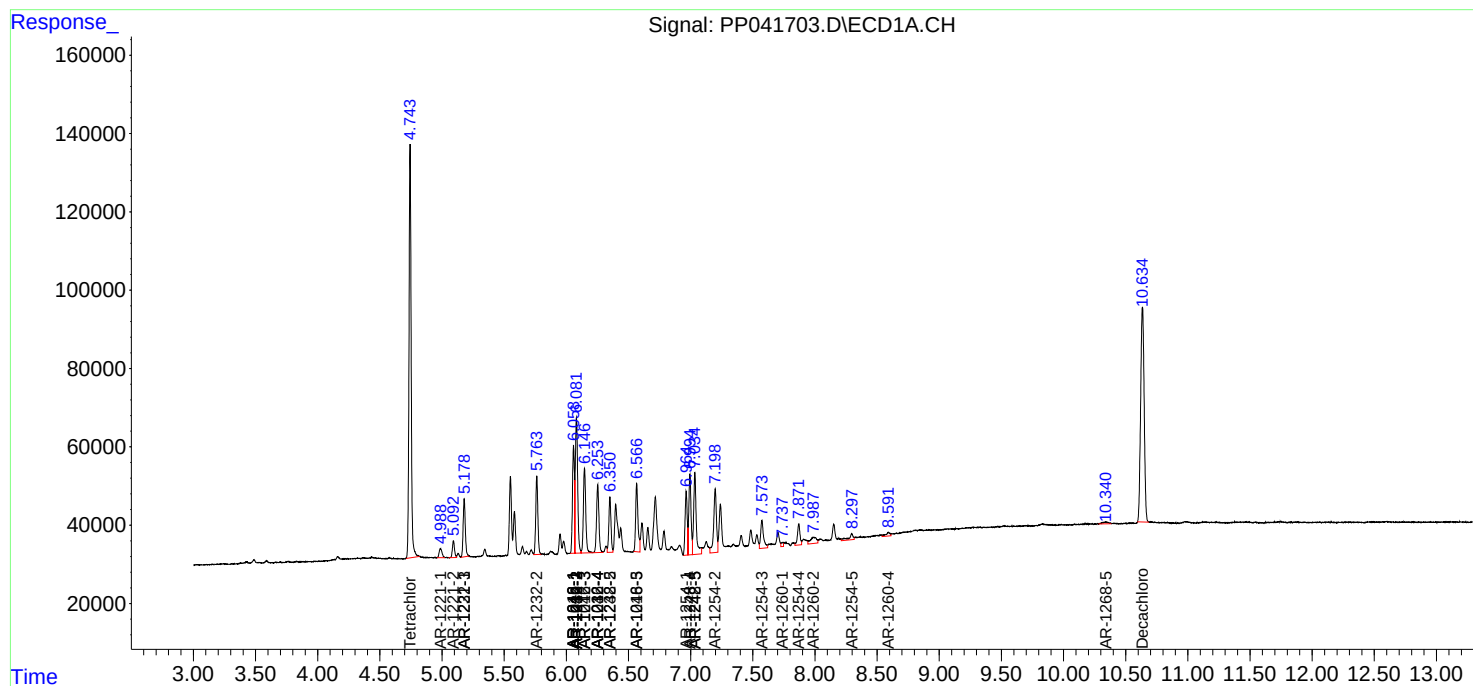
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

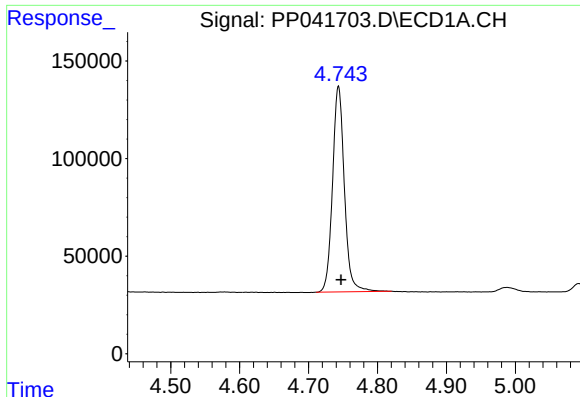
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP120621\  
Data File : PP041703.D  
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
Acq On : 07 Dec 2021 7:37  
Operator : AJ\MA  
Sample : AR1242CCC500  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
ECD\_P  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Dec 07 07:40:50 2021  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP113021.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Tue Nov 30 23:30:32 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

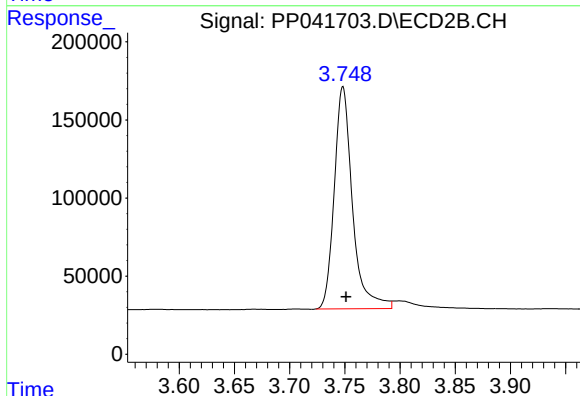




#1 Tetrachloro-m-xylene

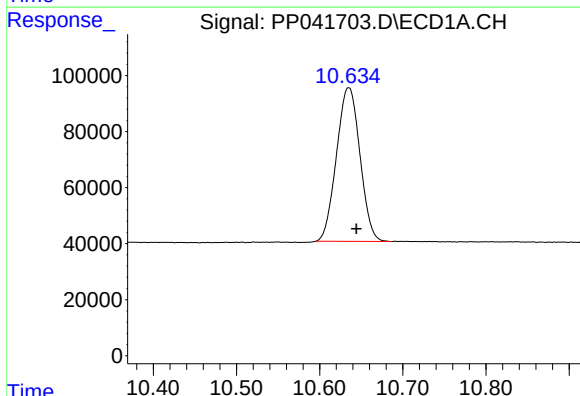
R.T.: 4.743 min  
Delta R.T.: -0.004 min  
Response: 1259716  
Conc: 55.86 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



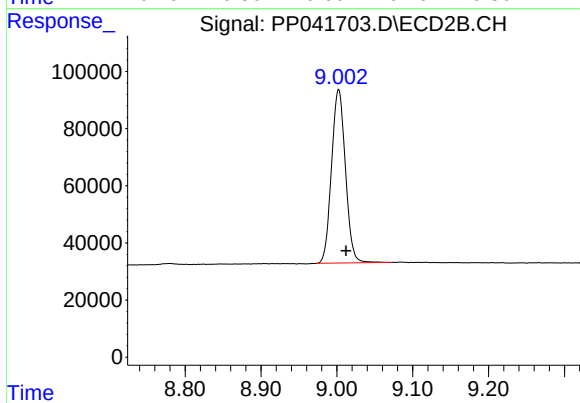
#1 Tetrachloro-m-xylene

R.T.: 3.748 min  
Delta R.T.: -0.003 min  
Response: 1631797  
Conc: 53.72 ng/ml



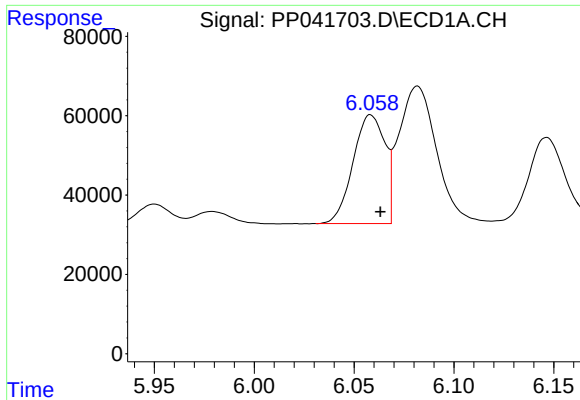
#2 Decachlorobiphenyl

R.T.: 10.635 min  
Delta R.T.: -0.009 min  
Response: 1074946  
Conc: 49.92 ng/ml



#2 Decachlorobiphenyl

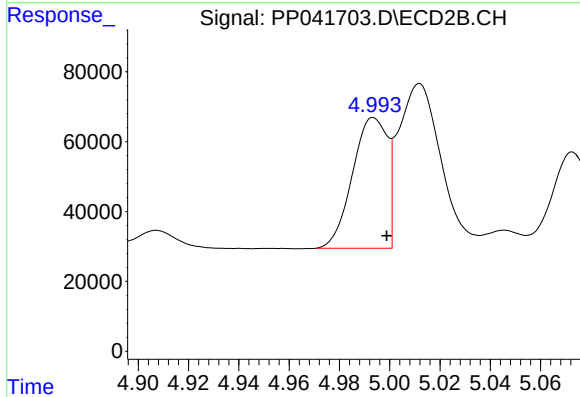
R.T.: 9.002 min  
Delta R.T.: -0.010 min  
Response: 774396  
Conc: 50.11 ng/ml



#3 AR-1016-1

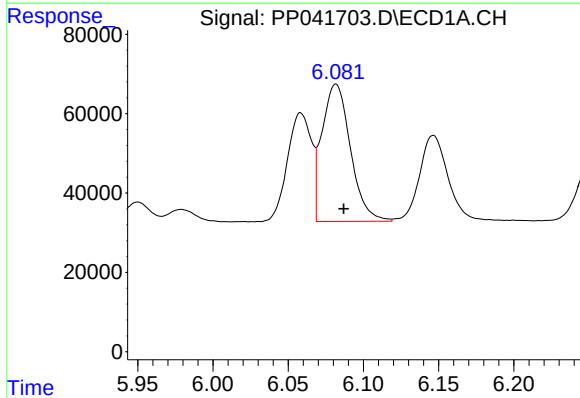
R.T.: 6.058 min  
Delta R.T.: -0.005 min  
Response: 304520  
Conc: 380.59 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



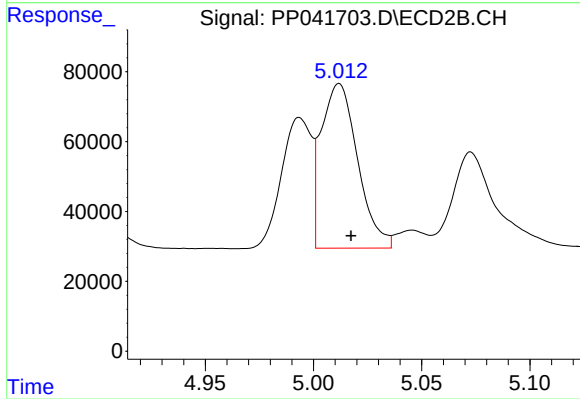
#3 AR-1016-1

R.T.: 4.994 min  
Delta R.T.: -0.005 min  
Response: 360752  
Conc: 388.31 ng/ml



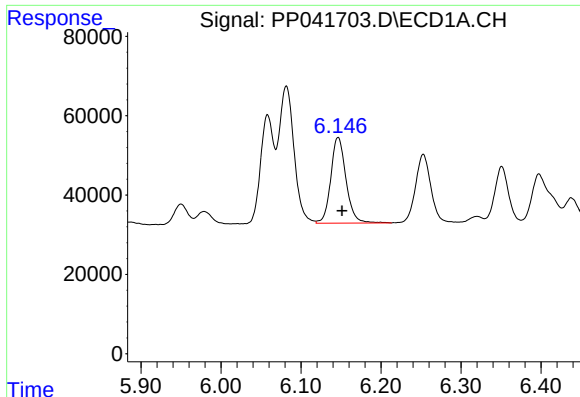
#4 AR-1016-2

R.T.: 6.082 min  
Delta R.T.: -0.005 min  
Response: 455776  
Conc: 382.53 ng/ml



#4 AR-1016-2

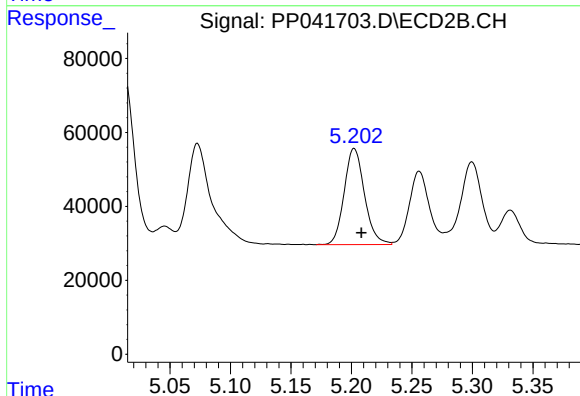
R.T.: 5.012 min  
Delta R.T.: -0.005 min  
Response: 552772  
Conc: 389.39 ng/ml



#5 AR-1016-3

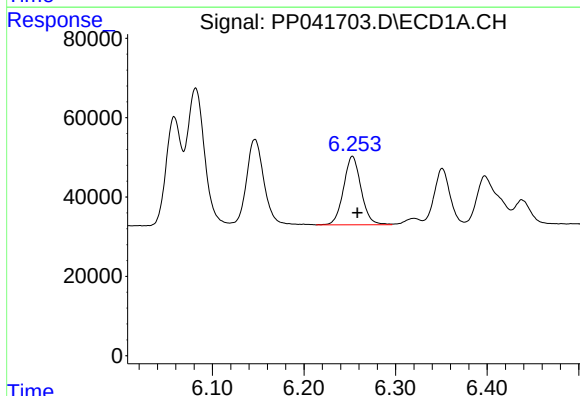
R.T.: 6.146 min  
Delta R.T.: -0.005 min  
Response: 287086  
Conc: 385.26 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



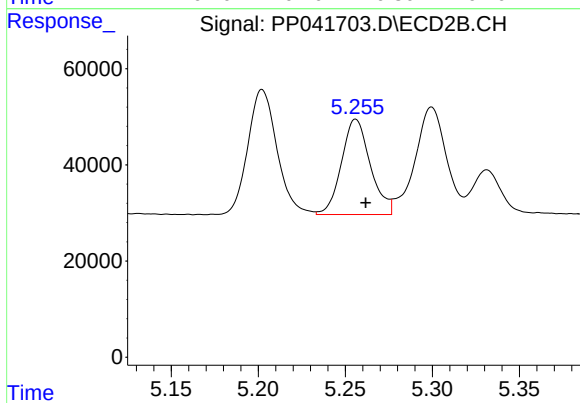
#5 AR-1016-3

R.T.: 5.202 min  
Delta R.T.: -0.006 min  
Response: 303974  
Conc: 378.61 ng/ml



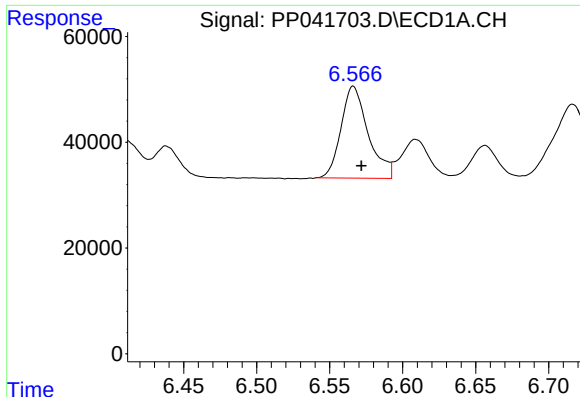
#6 AR-1016-4

R.T.: 6.253 min  
Delta R.T.: -0.006 min  
Response: 229550  
Conc: 378.13 ng/ml



#6 AR-1016-4

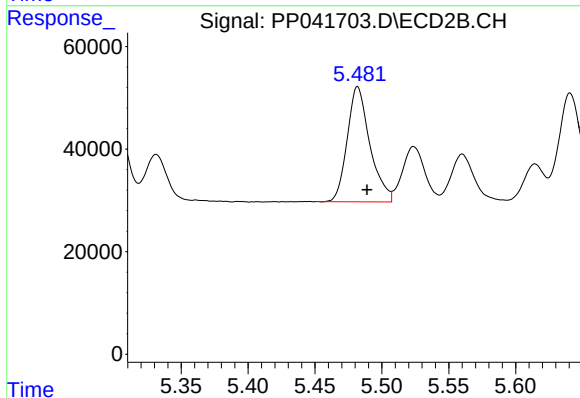
R.T.: 5.256 min  
Delta R.T.: -0.006 min  
Response: 229368  
Conc: 364.01 ng/ml



#7 AR-1016-5

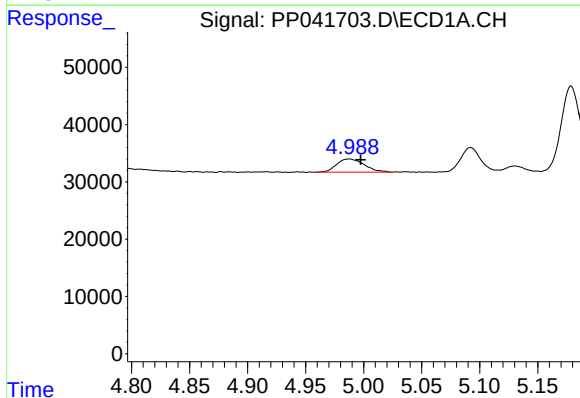
R.T.: 6.566 min  
Delta R.T.: -0.006 min  
Response: 225340  
Conc: 384.54 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



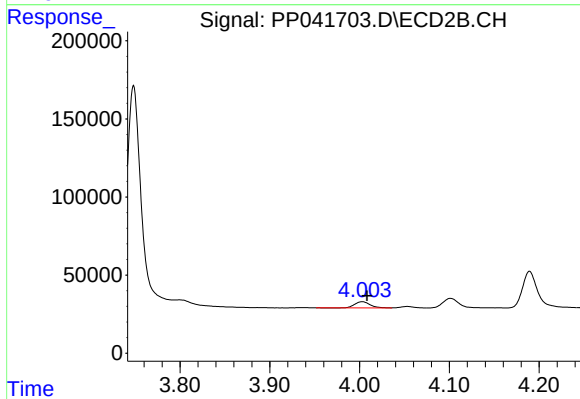
#7 AR-1016-5

R.T.: 5.482 min  
Delta R.T.: -0.007 min  
Response: 264987  
Conc: 356.23 ng/ml



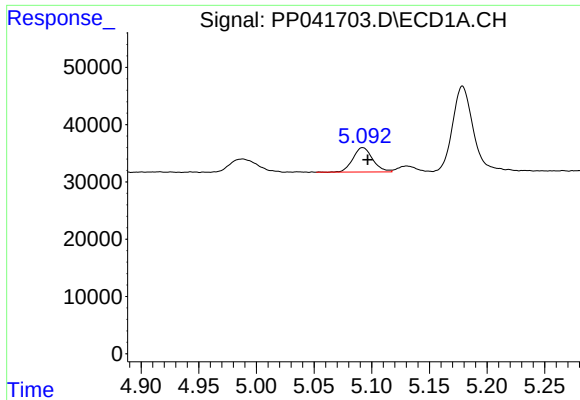
#8 AR-1221-1

R.T.: 4.988 min  
Delta R.T.: -0.009 min  
Response: 38388  
Conc: 146.05 ng/ml



#8 AR-1221-1

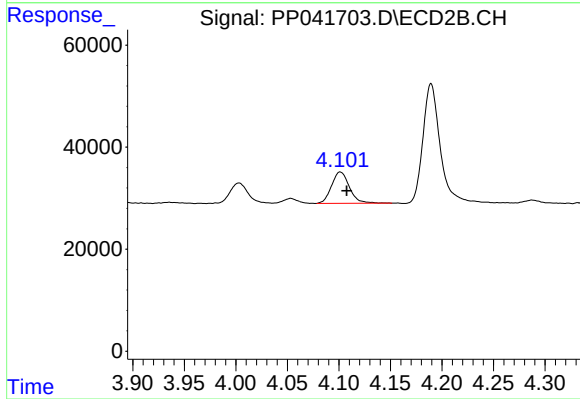
R.T.: 4.003 min  
Delta R.T.: -0.005 min  
Response: 46724  
Conc: 133.14 ng/ml



#9 AR-1221-2

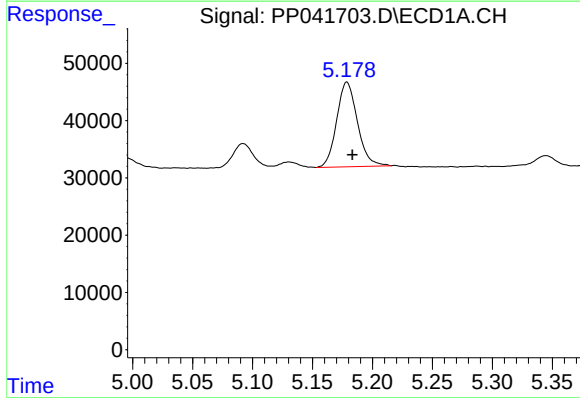
R.T.: 5.092 min  
Delta R.T.: -0.005 min  
Response: 50797  
Conc: 271.05 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



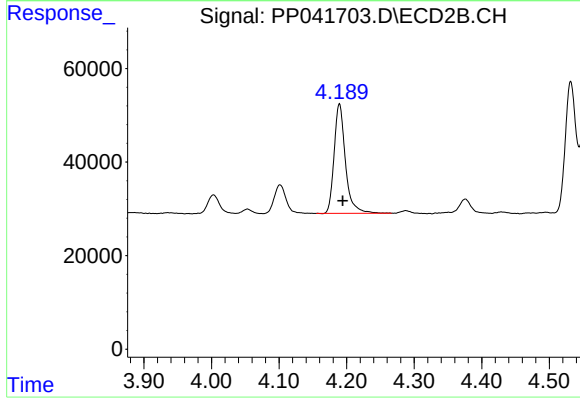
#9 AR-1221-2

R.T.: 4.101 min  
Delta R.T.: -0.006 min  
Response: 74134  
Conc: 269.29 ng/ml



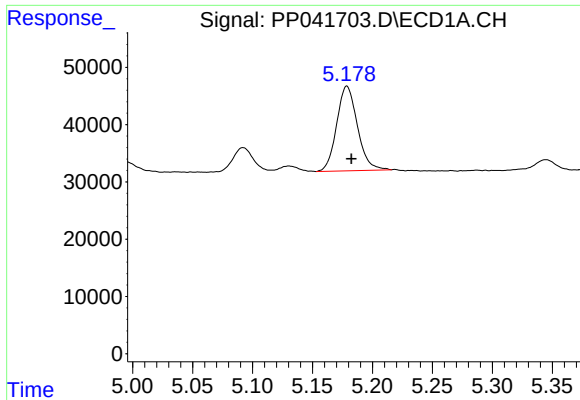
#10 AR-1221-3

R.T.: 5.179 min  
Delta R.T.: -0.004 min  
Response: 178341  
Conc: 285.99 ng/ml



#10 AR-1221-3

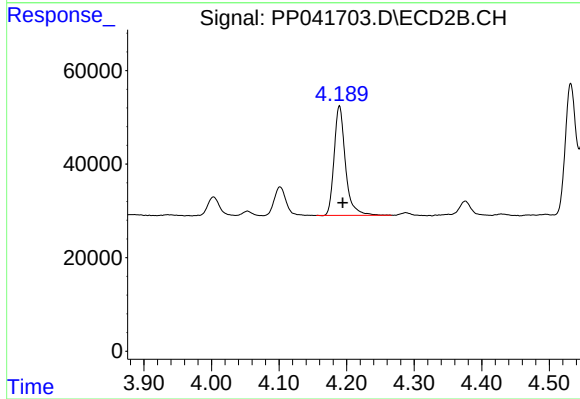
R.T.: 4.189 min  
Delta R.T.: -0.005 min  
Response: 271466  
Conc: 312.80 ng/ml



#11 AR-1232-1

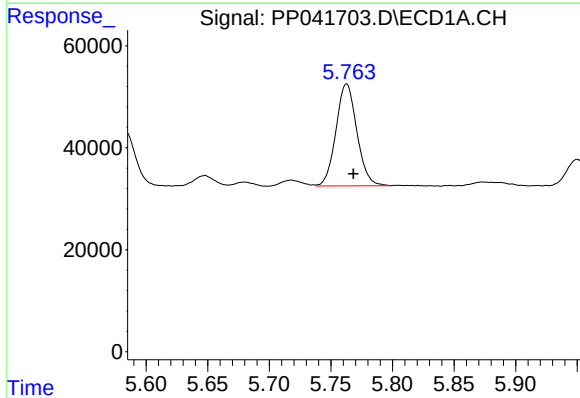
R.T.: 5.179 min  
Delta R.T.: -0.004 min  
Response: 178341  
Conc: 345.12 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



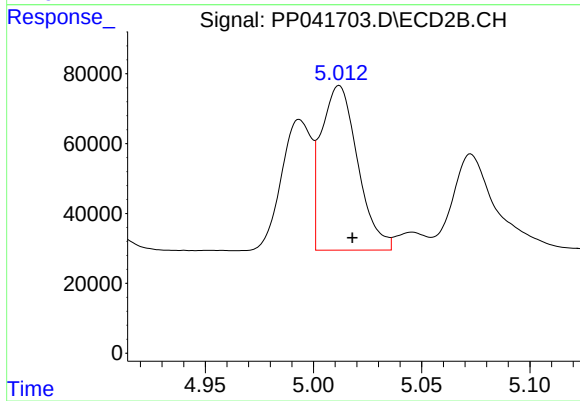
#11 AR-1232-1

R.T.: 4.189 min  
Delta R.T.: -0.005 min  
Response: 271466  
Conc: 366.47 ng/ml



#12 AR-1232-2

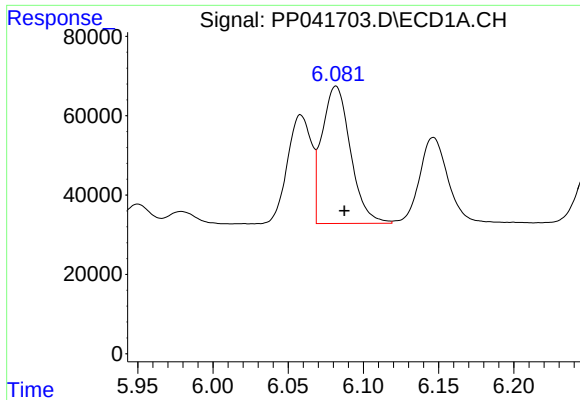
R.T.: 5.763 min  
Delta R.T.: -0.005 min  
Response: 236859  
Conc: 920.47 ng/ml



#12 AR-1232-2

R.T.: 5.012 min  
Delta R.T.: -0.006 min  
Response: 552772  
Conc: 890.72 ng/ml

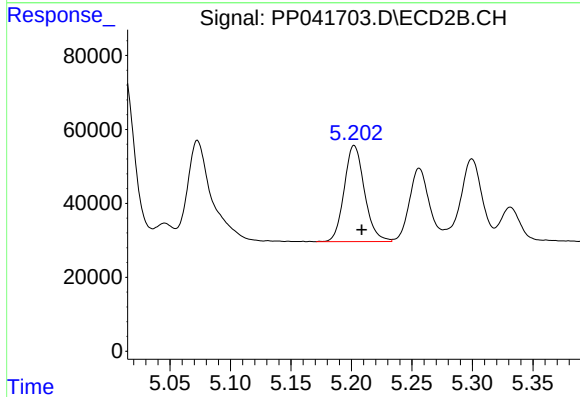




#13 AR-1232-3

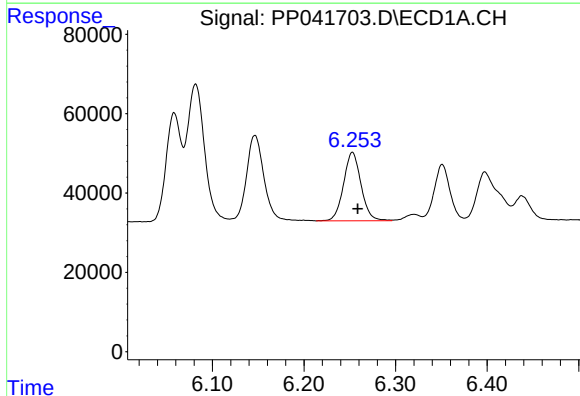
R.T.: 6.082 min  
Delta R.T.: -0.006 min  
Response: 455776  
Conc: 921.02 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



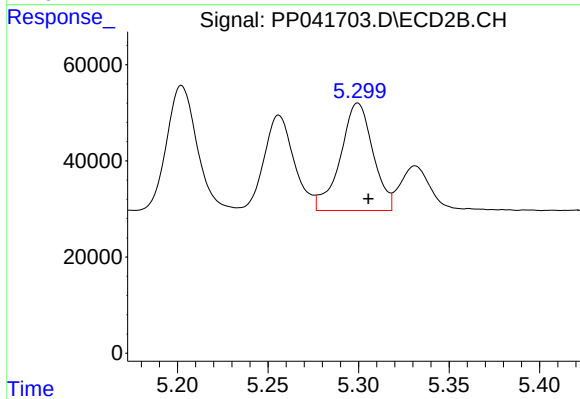
#13 AR-1232-3

R.T.: 5.202 min  
Delta R.T.: -0.006 min  
Response: 303974  
Conc: 938.49 ng/ml



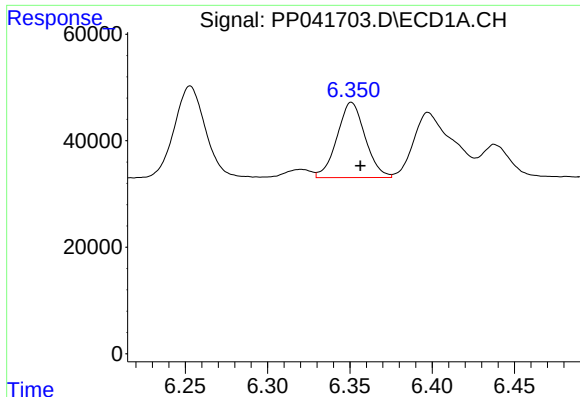
#14 AR-1232-4

R.T.: 6.253 min  
Delta R.T.: -0.006 min  
Response: 229550  
Conc: 935.03 ng/ml



#14 AR-1232-4

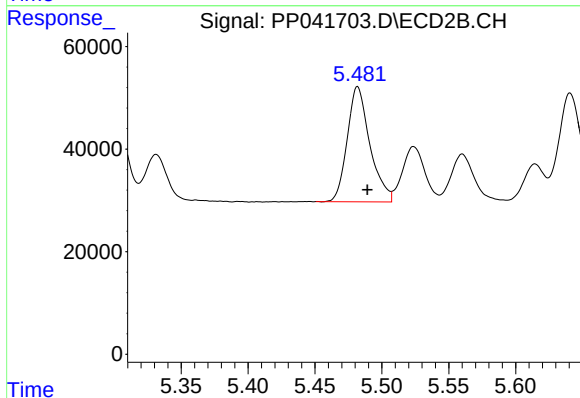
R.T.: 5.300 min  
Delta R.T.: -0.006 min  
Response: 280119  
Conc: 981.23 ng/ml



#15 AR-1232-5

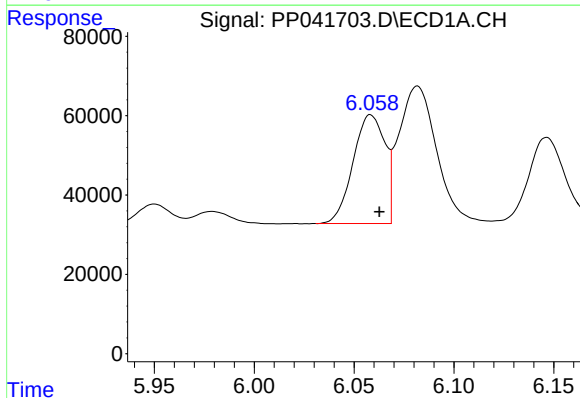
R.T.: 6.351 min  
Delta R.T.: -0.005 min  
Response: 168222  
Conc: 1044.95 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



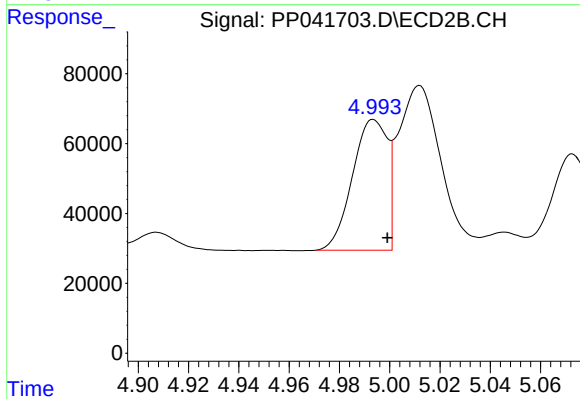
#15 AR-1232-5

R.T.: 5.482 min  
Delta R.T.: -0.007 min  
Response: 264987  
Conc: 861.18 ng/ml



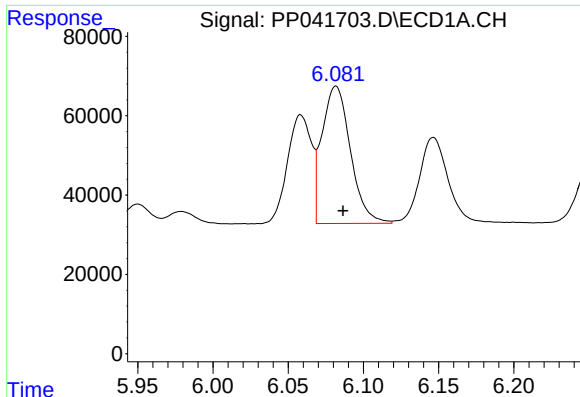
#16 AR-1242-1

R.T.: 6.058 min  
Delta R.T.: -0.004 min  
Response: 304520  
Conc: 507.75 ng/ml



#16 AR-1242-1

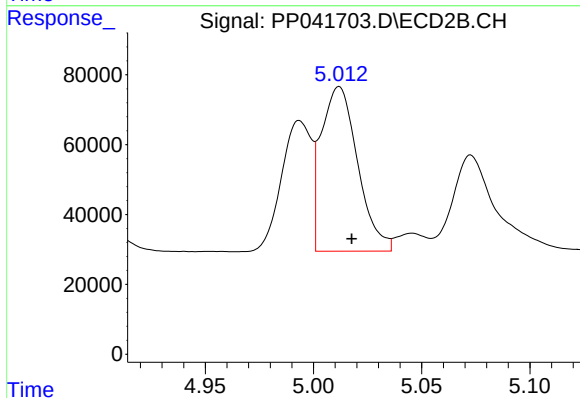
R.T.: 4.994 min  
Delta R.T.: -0.006 min  
Response: 360752  
Conc: 489.85 ng/ml



#17 AR-1242-2

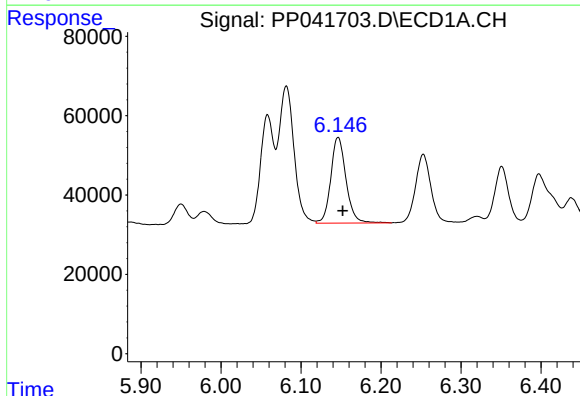
R.T.: 6.082 min  
Delta R.T.: -0.005 min  
Response: 455776  
Conc: 496.42 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



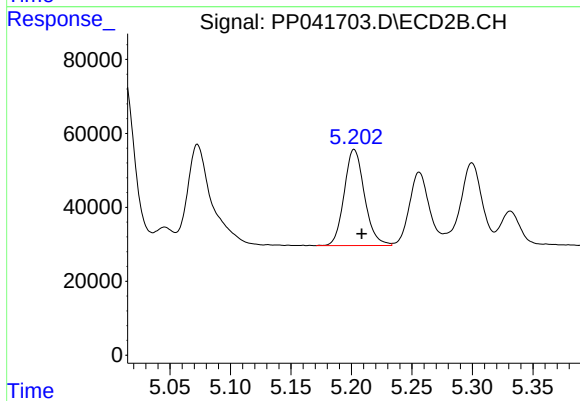
#17 AR-1242-2

R.T.: 5.012 min  
Delta R.T.: -0.006 min  
Response: 552772  
Conc: 496.29 ng/ml



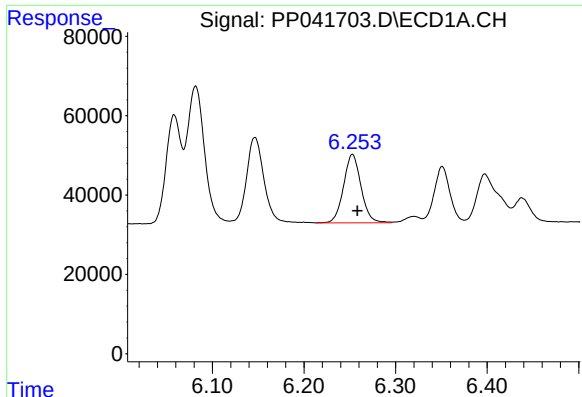
#18 AR-1242-3

R.T.: 6.146 min  
Delta R.T.: -0.006 min  
Response: 287086  
Conc: 494.49 ng/ml



#18 AR-1242-3

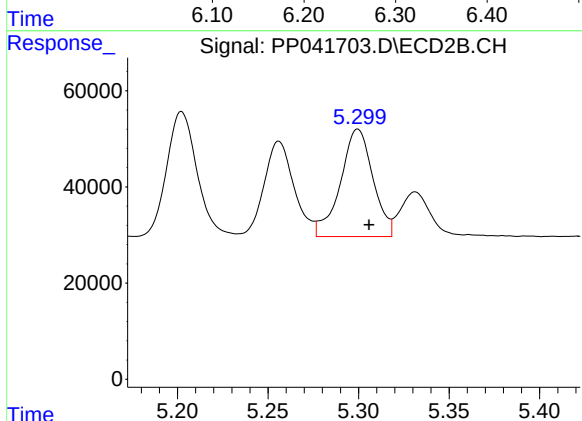
R.T.: 5.202 min  
Delta R.T.: -0.006 min  
Response: 303974  
Conc: 494.92 ng/ml



#19 AR-1242-4

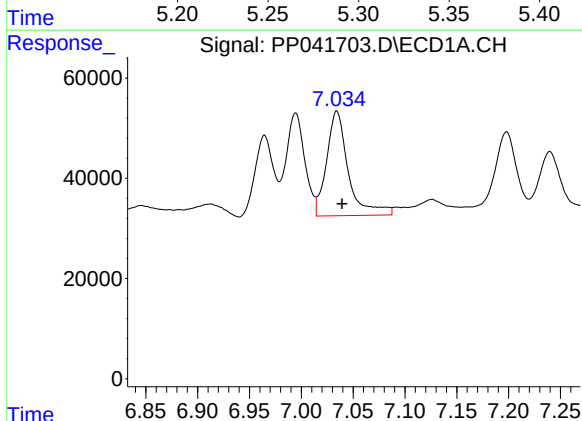
R.T.: 6.253 min  
Delta R.T.: -0.005 min  
Response: 229550  
Conc: 489.86 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



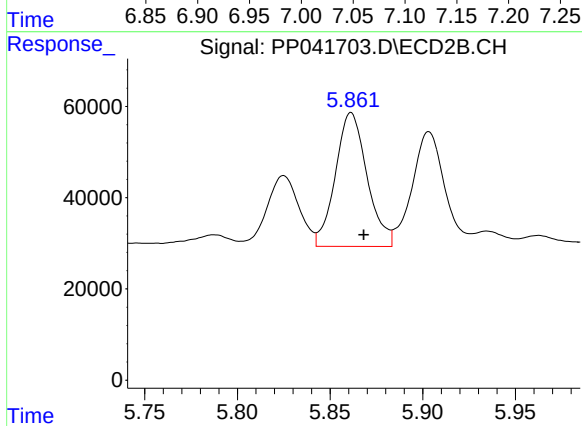
#19 AR-1242-4

R.T.: 5.300 min  
Delta R.T.: -0.006 min  
Response: 280119  
Conc: 477.33 ng/ml



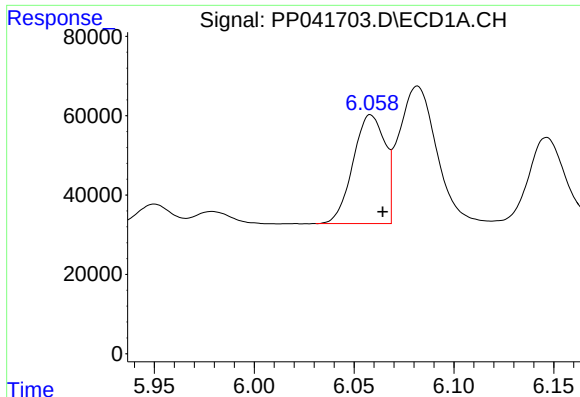
#20 AR-1242-5

R.T.: 7.034 min  
Delta R.T.: -0.005 min  
Response: 304843  
Conc: 634.35 ng/ml



#20 AR-1242-5

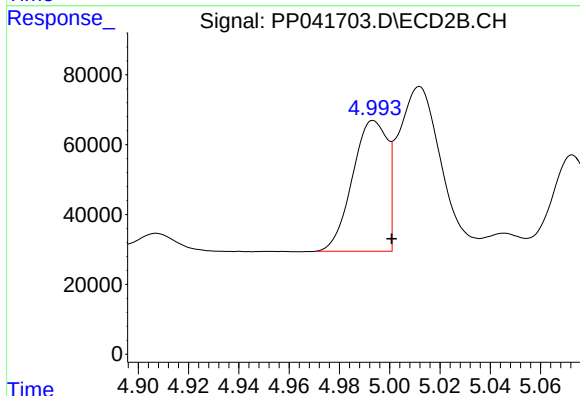
R.T.: 5.861 min  
Delta R.T.: -0.007 min  
Response: 349299  
Conc: 536.70 ng/ml



#21 AR-1248-1

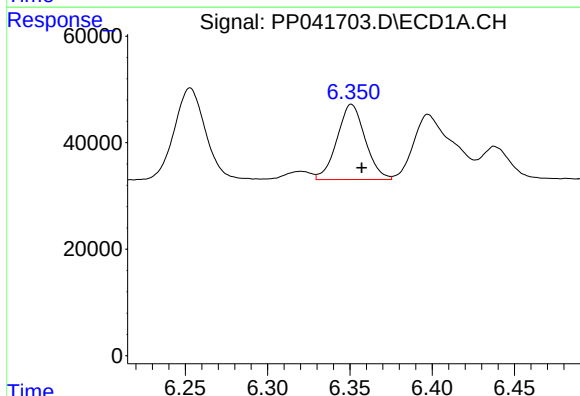
R.T.: 6.058 min  
Delta R.T.: -0.006 min  
Response: 304520  
Conc: 695.61 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



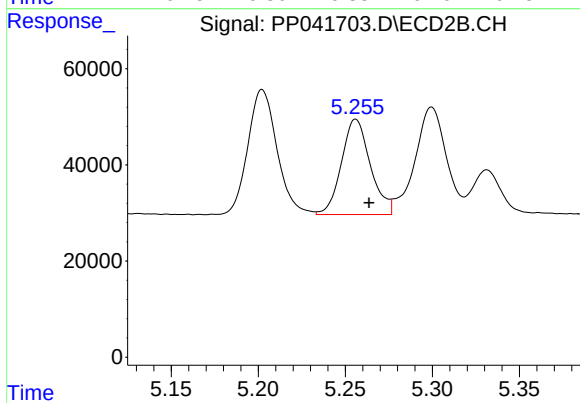
#21 AR-1248-1

R.T.: 4.994 min  
Delta R.T.: -0.007 min  
Response: 360752  
Conc: 660.10 ng/ml



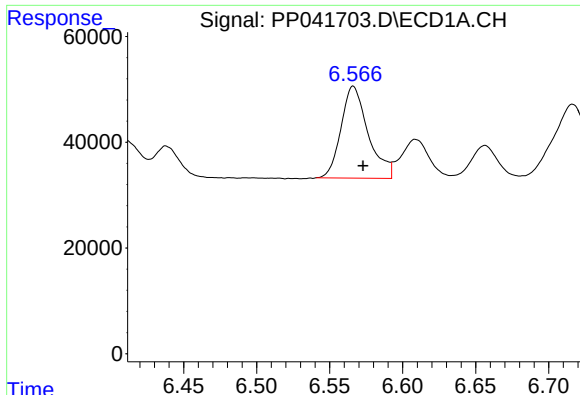
#22 AR-1248-2

R.T.: 6.351 min  
Delta R.T.: -0.006 min  
Response: 168222  
Conc: 271.26 ng/ml



#22 AR-1248-2

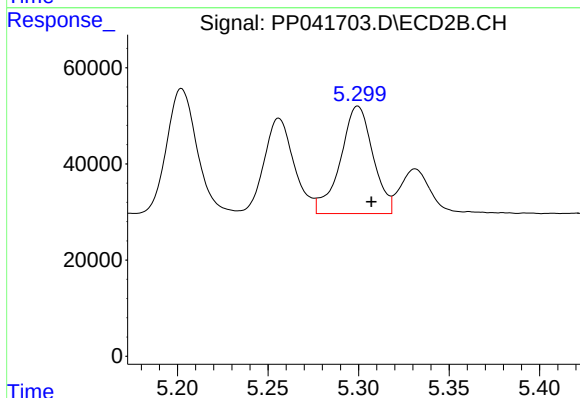
R.T.: 5.256 min  
Delta R.T.: -0.008 min  
Response: 229368  
Conc: 281.73 ng/ml



#23 AR-1248-3

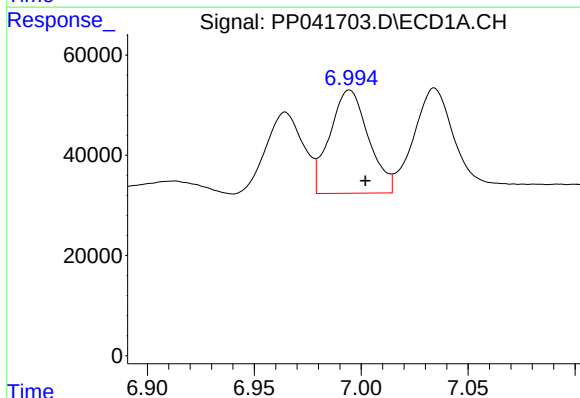
R.T.: 6.566 min  
Delta R.T.: -0.007 min  
Response: 225340  
Conc: 301.62 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



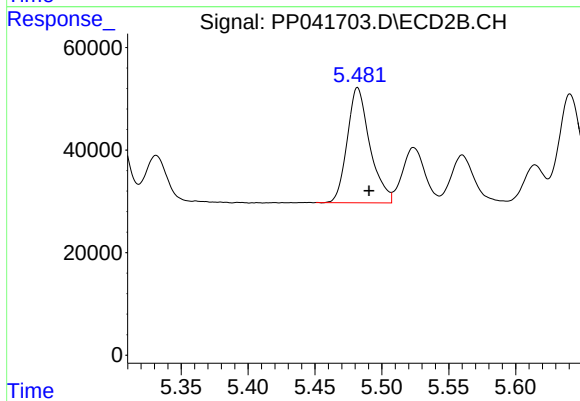
#23 AR-1248-3

R.T.: 5.300 min  
Delta R.T.: -0.008 min  
Response: 280119  
Conc: 330.77 ng/ml



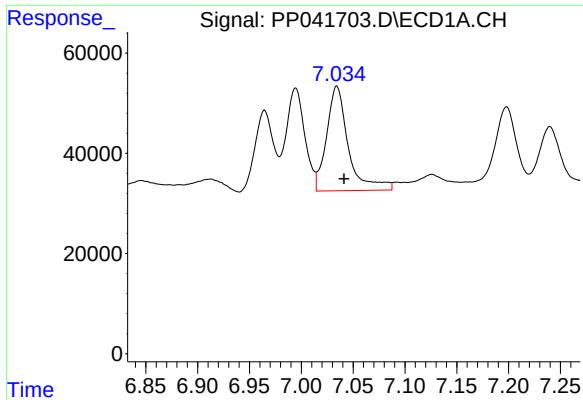
#24 AR-1248-4

R.T.: 6.995 min  
Delta R.T.: -0.007 min  
Response: 259744  
Conc: 310.09 ng/ml



#24 AR-1248-4

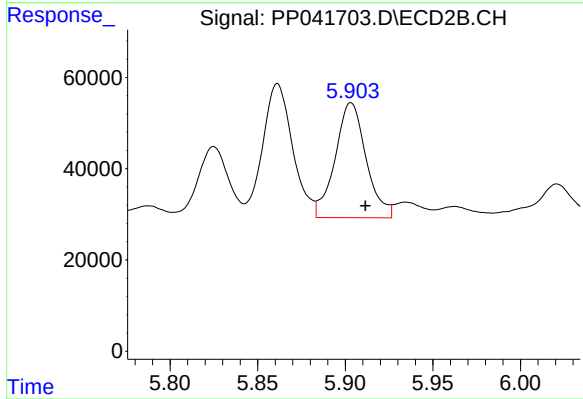
R.T.: 5.482 min  
Delta R.T.: -0.009 min  
Response: 264987  
Conc: 271.72 ng/ml



#25 AR-1248-5

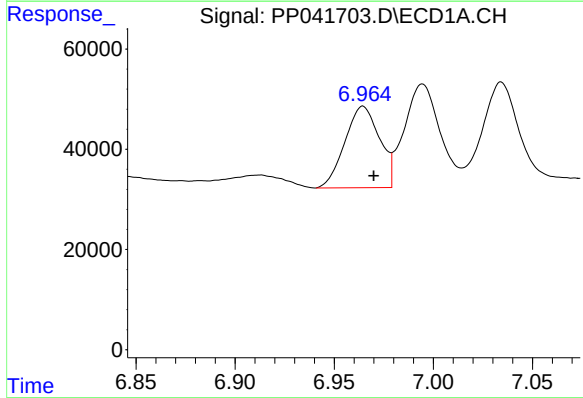
R.T.: 7.034 min  
Delta R.T.: -0.007 min  
Response: 304843  
Conc: 366.33 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



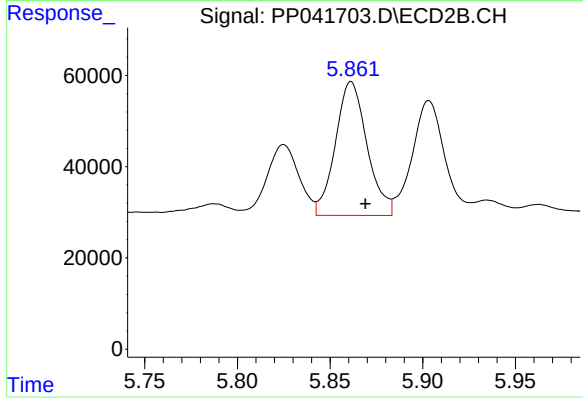
#25 AR-1248-5

R.T.: 5.903 min  
Delta R.T.: -0.008 min  
Response: 310258  
Conc: 346.51 ng/ml



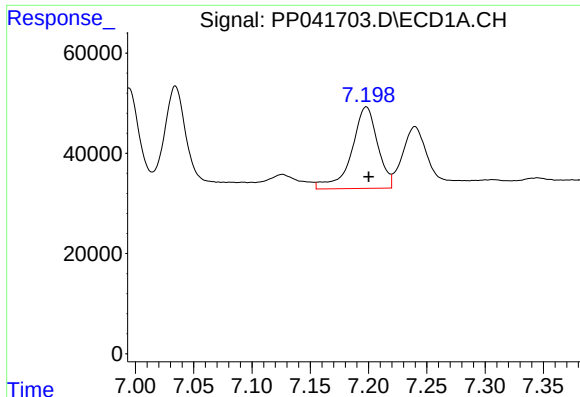
#26 AR-1254-1

R.T.: 6.965 min  
Delta R.T.: -0.005 min  
Response: 197724  
Conc: 232.97 ng/ml



#26 AR-1254-1

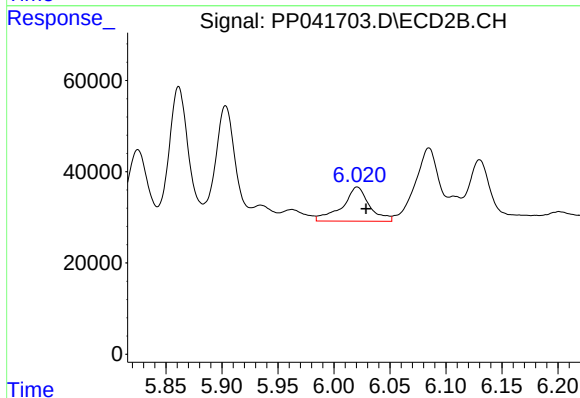
R.T.: 5.861 min  
Delta R.T.: -0.008 min  
Response: 349299  
Conc: 250.92 ng/ml



#27 AR-1254-2

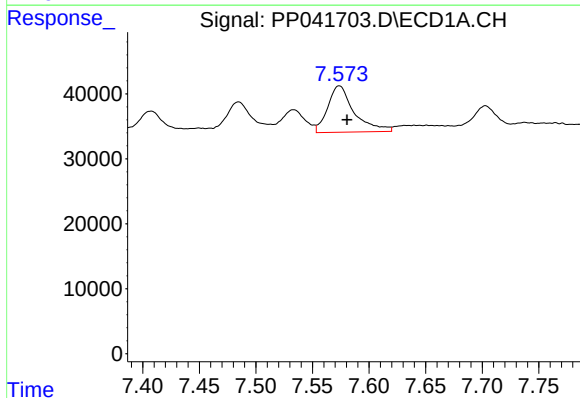
R.T.: 7.198 min  
Delta R.T.: -0.002 min  
Response: 252920  
Conc: 191.98 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



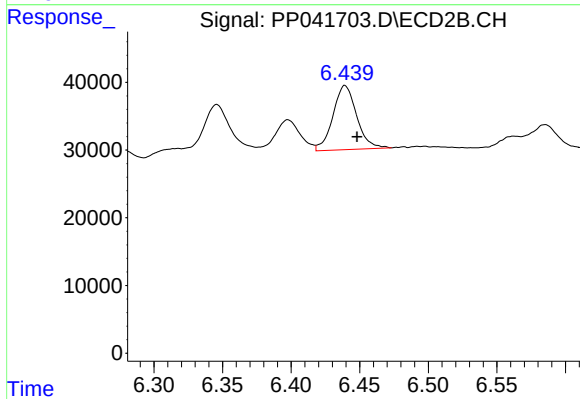
#27 AR-1254-2

R.T.: 6.021 min  
Delta R.T.: -0.008 min  
Response: 126931  
Conc: 106.29 ng/ml



#28 AR-1254-3

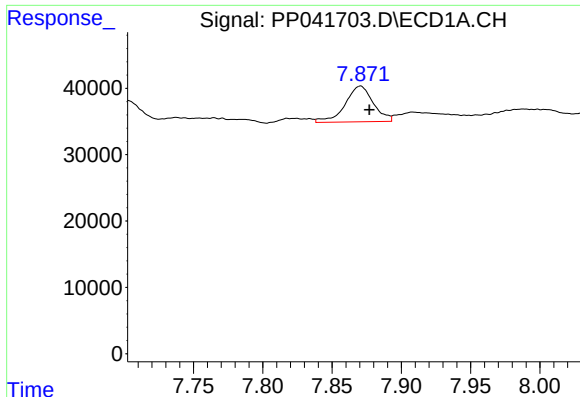
R.T.: 7.574 min  
Delta R.T.: -0.007 min  
Response: 116440  
Conc: 81.75 ng/ml



#28 AR-1254-3

R.T.: 6.439 min  
Delta R.T.: -0.009 min  
Response: 114287  
Conc: 64.56 ng/ml

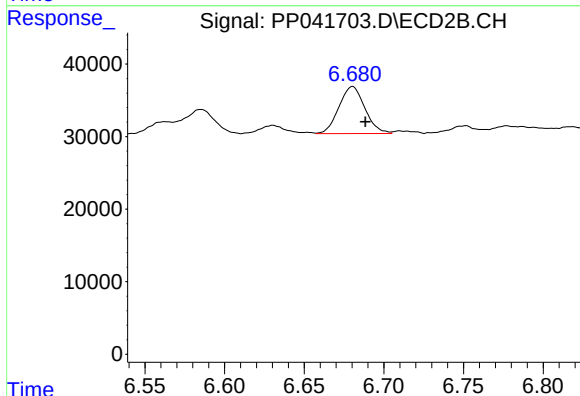




#29 AR-1254-4

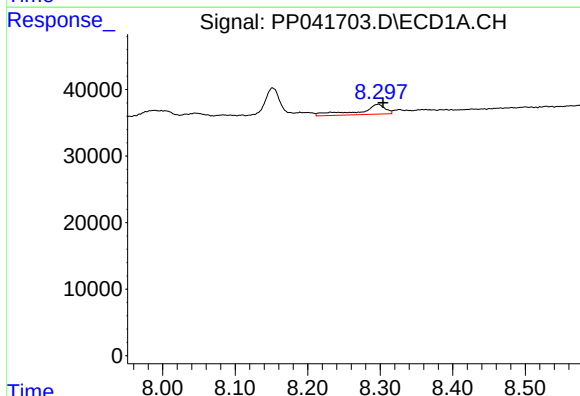
R.T.: 7.870 min  
Delta R.T.: -0.007 min  
Response: 76187  
Conc: 73.43 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



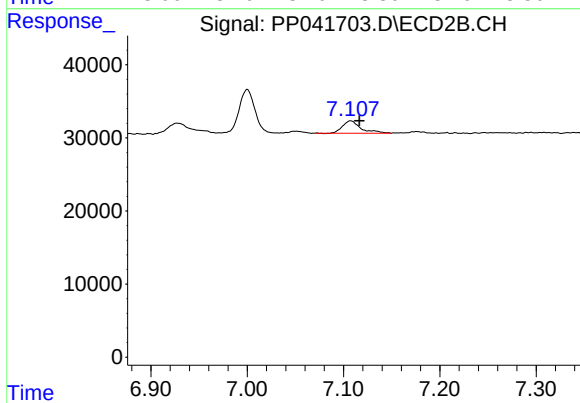
#29 AR-1254-4

R.T.: 6.680 min  
Delta R.T.: -0.008 min  
Response: 73517  
Conc: 71.33 ng/ml



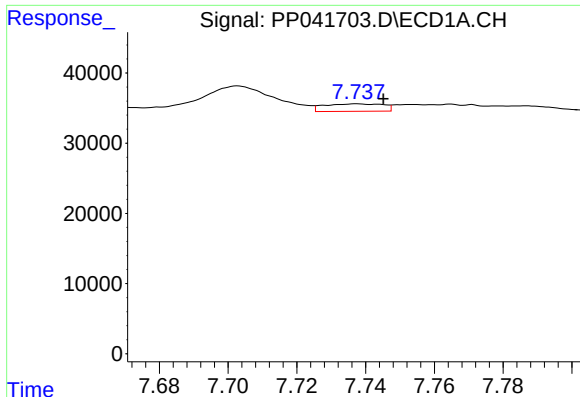
#30 AR-1254-5

R.T.: 8.297 min  
Delta R.T.: -0.007 min  
Response: 37555  
Conc: 33.46 ng/ml



#30 AR-1254-5

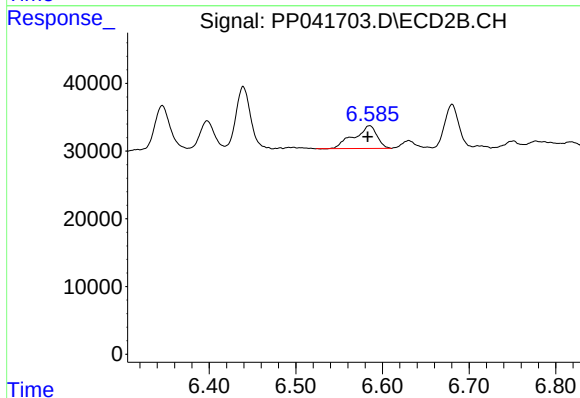
R.T.: 7.108 min  
Delta R.T.: -0.009 min  
Response: 22247  
Conc: 15.26 ng/ml



#31 AR-1260-1

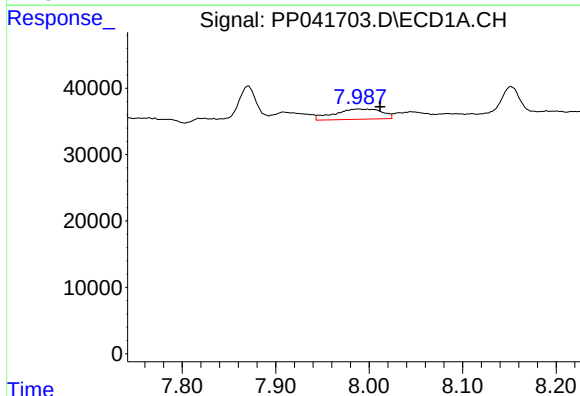
R.T.: 7.738 min  
Delta R.T.: -0.008 min  
Response: 12589  
Conc: 12.75 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



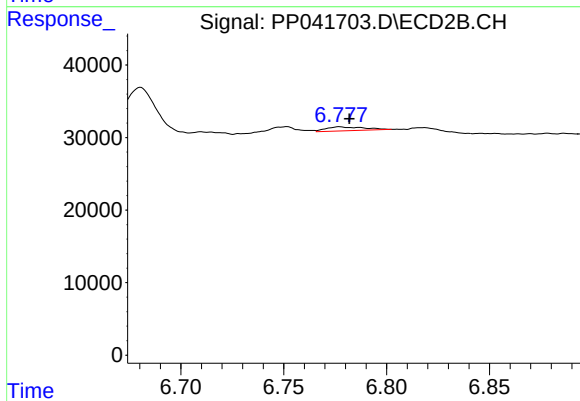
#31 AR-1260-1

R.T.: 6.585 min  
Delta R.T.: 0.002 min  
Response: 61866  
Conc: 54.01 ng/ml



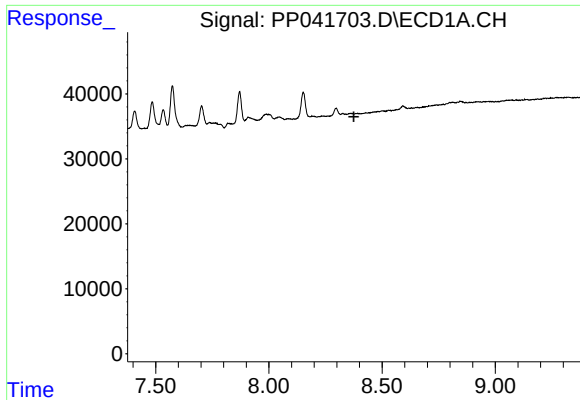
#32 AR-1260-2

R.T.: 7.988 min  
Delta R.T.: -0.023 min  
Response: 54780  
Conc: 43.60 ng/ml



#32 AR-1260-2

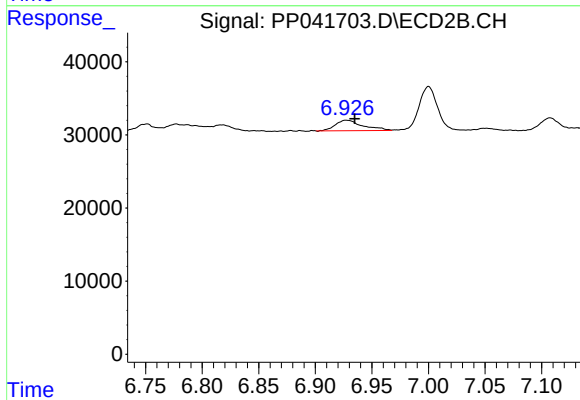
R.T.: 6.777 min  
Delta R.T.: -0.005 min  
Response: 7133  
Conc: 5.43 ng/ml



#33 AR-1260-3

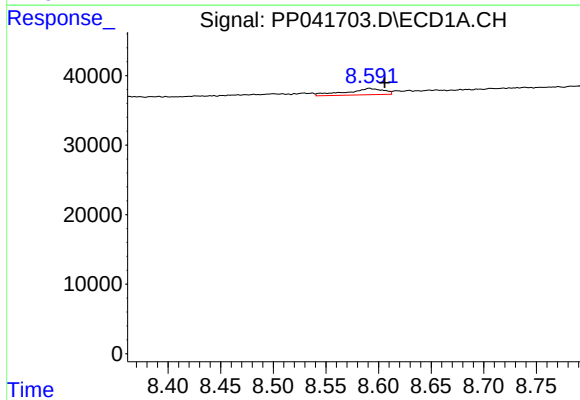
R.T.: 0.000 min  
Exp R.T.: 8.375 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :



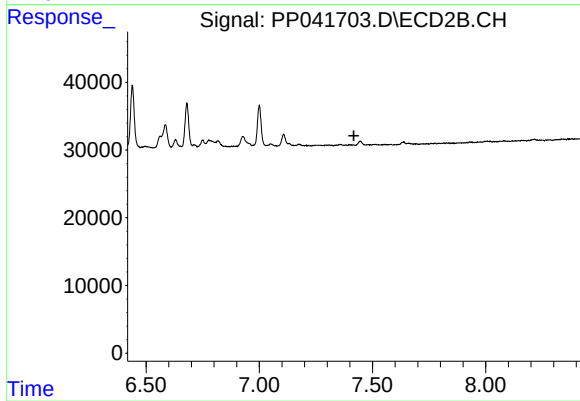
#33 AR-1260-3

R.T.: 6.928 min  
Delta R.T.: -0.007 min  
Response: 24425  
Conc: 18.26 ng/ml



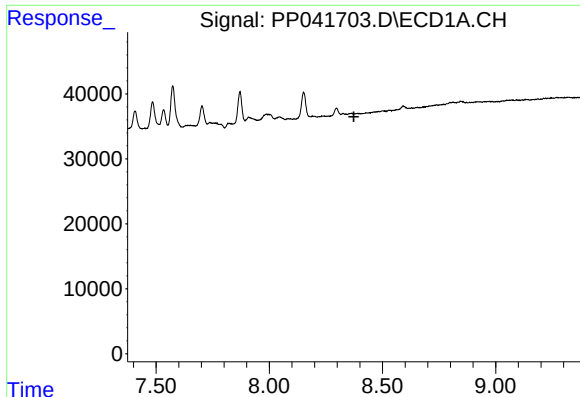
#34 AR-1260-4

R.T.: 8.591 min  
Delta R.T.: -0.015 min  
Response: 22759  
Conc: 21.27 ng/ml



#34 AR-1260-4

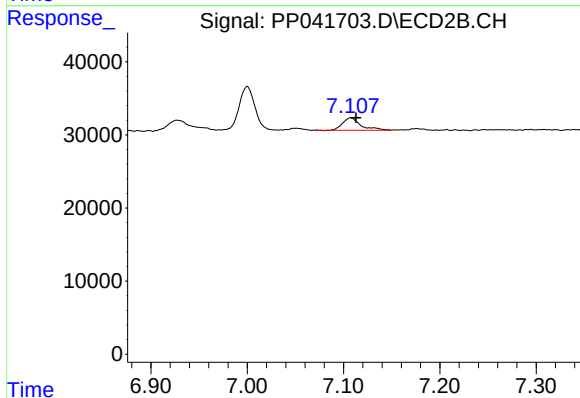
R.T.: 0.000 min  
Exp R.T.: 7.418 min  
Response: 0  
Conc: N.D.



#36 AR-1262-1

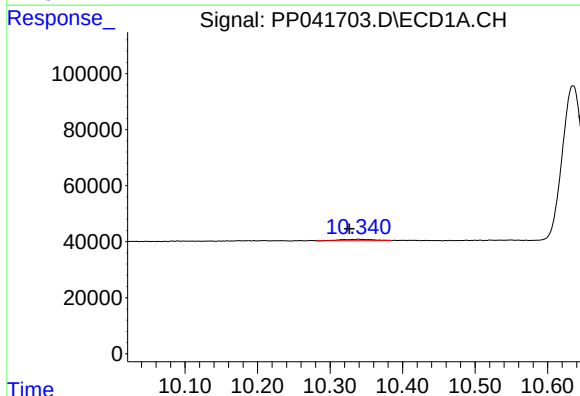
R.T.: 0.000 min  
Exp R.T. : 8.374 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :



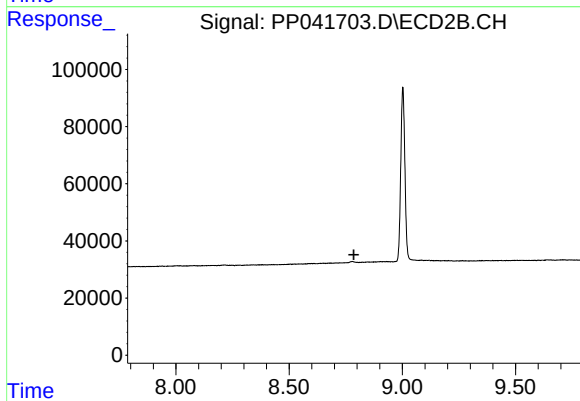
#36 AR-1262-1

R.T.: 7.108 min  
Delta R.T.: -0.005 min  
Response: 22247  
Conc: 29.76 ng/ml



#45 AR-1268-5

R.T.: 10.339 min  
Delta R.T.: 0.012 min  
Response: 14689  
Conc: 2.03 ng/ml



#45 AR-1268-5

R.T.: 0.000 min  
Exp R.T. : 8.786 min  
Response: 0  
Conc: N.D.