

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP080621\  
 Data File : PP038107.D  
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
 Acq On : 07 Aug 2021 00:36  
 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: Aug 09 02:11:06 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP080521.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Fri Aug 06 03:08:47 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... | 4.895  | 3.881 | 2099207 | 1346103 | 47.236  | 52.265   |
| 2)                          | SA Decachlor... | 10.886 | 9.148 | 1118441 | 1174219 | 49.165  | 45.384   |
| Target Compounds            |                 |        |       |         |         |         |          |
| 3)                          | L1 AR-1016-1    | 6.213  | 5.127 | 522924  | 355737  | 352.115 | 368.297  |
| 4)                          | L1 AR-1016-2    | 6.237  | 5.146 | 731065  | 496077  | 343.268 | 370.291  |
| 5)                          | L1 AR-1016-3    | 6.302  | 5.336 | 468481  | 272697  | 352.533 | 370.650  |
| 6)                          | L1 AR-1016-4    | 6.410  | 5.390 | 381540  | 196262  | 351.416 | 345.505  |
| 7)                          | L1 AR-1016-5    | 6.724  | 5.617 | 356105  | 271908  | 355.100 | 354.356  |
| 8)                          | L2 AR-1221-1    | 5.139  | 4.134 | 63920   | 41818   | 117.926 | 139.018  |
| 9)                          | L2 AR-1221-2    | 5.244  | 4.233 | 85329   | 60729   | 211.151 | 258.029  |
| 10)                         | L2 AR-1221-3    | 5.331  | 4.321 | 331023  | 217332  | 274.789 | 294.719  |
| 11)                         | L3 AR-1232-1    | 5.331  | 4.321 | 331023  | 217332  | 299.297 | 320.591  |
| 12)                         | L3 AR-1232-2    | 5.918  | 5.146 | 402378  | 496077  | 737.489 | 814.738  |
| 13)                         | L3 AR-1232-3    | 6.237  | 5.336 | 731065  | 272697  | 742.779 | 839.688  |
| 14)                         | L3 AR-1232-4    | 6.410  | 5.434 | 381540  | 273856  | 763.579 | 926.987  |
| 15)                         | L3 AR-1232-5    | 6.506  | 5.617 | 274616  | 271908  | 864.434 | 733.695  |
| 16)                         | L4 AR-1242-1    | 6.213  | 5.127 | 522924  | 355737  | 461.972 | 493.662  |
| 17)                         | L4 AR-1242-2    | 6.237  | 5.146 | 731065  | 496077  | 454.352 | 496.327  |
| 18)                         | L4 AR-1242-3    | 6.302  | 5.336 | 468481  | 272697  | 457.611 | 492.937  |
| 19)                         | L4 AR-1242-4    | 6.410  | 5.434 | 381540  | 273856  | 465.172 | 521.252  |
| 20)                         | L4 AR-1242-5    | 7.192  | 5.995 | 362509  | 320855  | 439.613 | 496.560  |
| 21)                         | L5 AR-1248-1    | 6.213  | 5.127 | 522924  | 355737  | 615.442 | 672.187  |
| 22)                         | L5 AR-1248-2    | 6.506  | 5.390 | 274616  | 196262  | 254.019 | 264.256  |
| 23)                         | L5 AR-1248-3    | 6.724  | 5.434 | 356105  | 273856  | 279.436 | 348.041  |
| 24)                         | L5 AR-1248-4    | 7.153  | 5.617 | 342605  | 271908  | 253.756 | 295.054  |
| 25)                         | L5 AR-1248-5    | 7.192  | 6.038 | 362509  | 278332  | 274.194 | 295.646  |
| 26)                         | L6 AR-1254-1    | 7.122  | 5.995 | 273943  | 320855  | 210.239 | 239.827  |
| 27)                         | L6 AR-1254-2    | 7.357  | 6.156 | 304247  | 77745   | 160.861 | 67.834 # |
| 28)                         | L6 AR-1254-3    | 7.733  | 6.573 | 121623  | 100739  | 61.304  | 53.361   |
| 29)                         | L6 AR-1254-4    | 8.030  | 6.813 | 84305   | 77299   | 58.744  | 64.202   |
| 30)                         | L6 AR-1254-5    | 8.459  | 7.242 | 24524   | 24452   | 16.875  | 14.817   |
| 31)                         | L7 AR-1260-1    | 0.000  | 6.718 | 0       | 43194   | N.D.    | 33.175 # |
| 32)                         | L7 AR-1260-2    | 8.145f | 6.909 | 73828   | 11598   | 42.882  | 7.454 #  |
| 33)                         | L7 AR-1260-3    | 8.540  | 7.061 | 2992    | 28789   | 2.504   | 18.913 # |
| 36)                         | L8 AR-1262-1    | 8.540  | 7.242 | 2992    | 24452   | 1.821   | 26.752 # |
| 45)                         | L9 AR-1268-5    | 0.000  | 8.913 | 0       | 7877    | N.D.    | 0.830 #  |
| -----                       |                 |        |       |         |         |         |          |

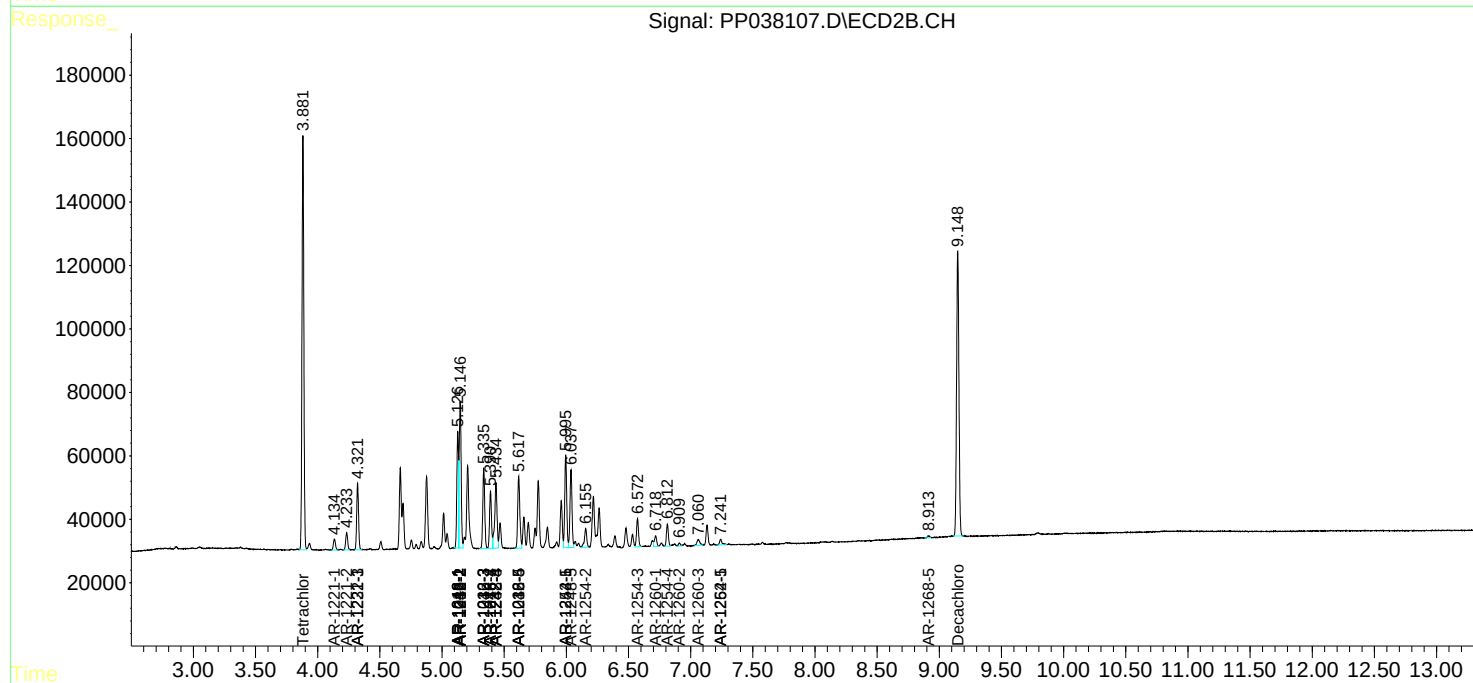
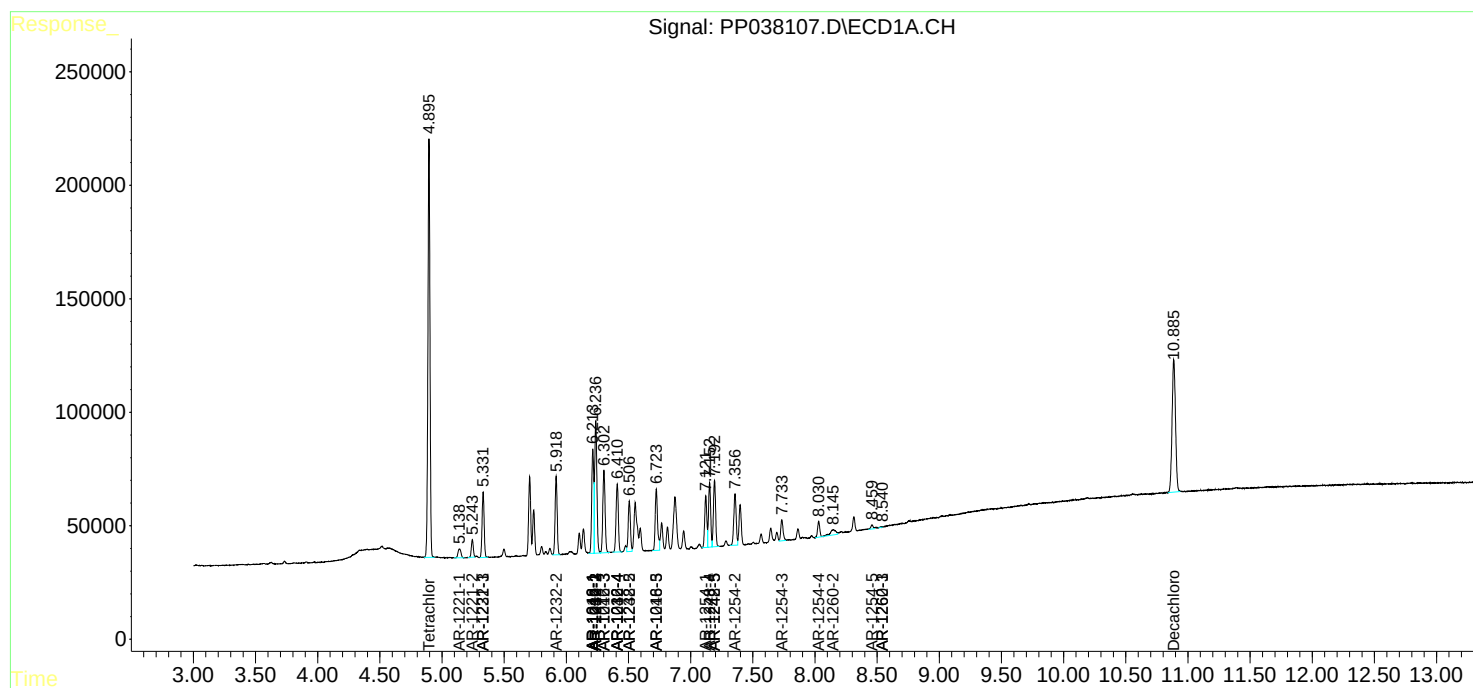
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

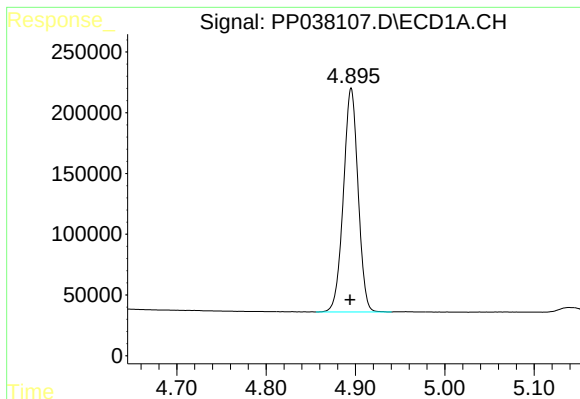
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP080621\  
Data File : PP038107.D  
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
Acq On : 07 Aug 2021 00:36  
Operator : AJ\MA  
Sample : AR1242CCC500  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
ECD\_P  
ClientSampled :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Aug 09 02:11:06 2021  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP080521.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Fri Aug 06 03:08:47 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

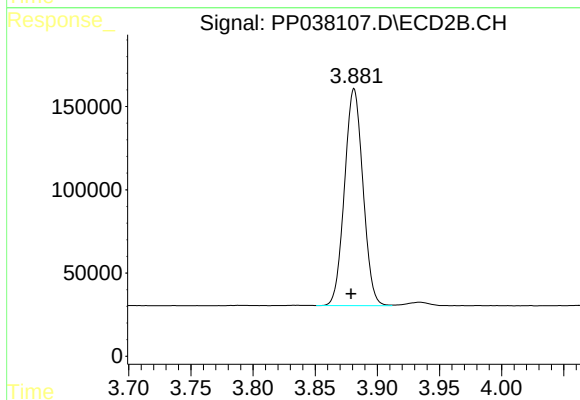




#1 Tetrachloro-m-xylene

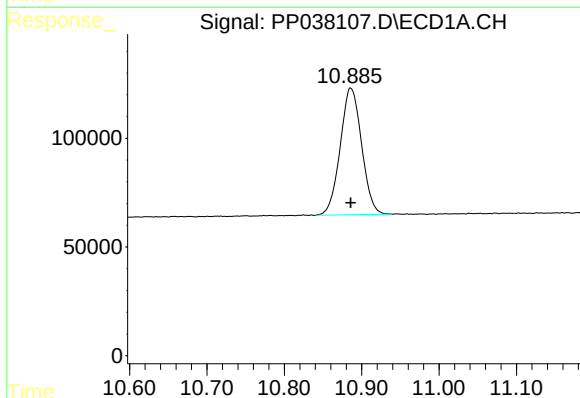
R.T.: 4.895 min  
Delta R.T.: 0.001 min  
Response: 2099207  
Conc: 47.24 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



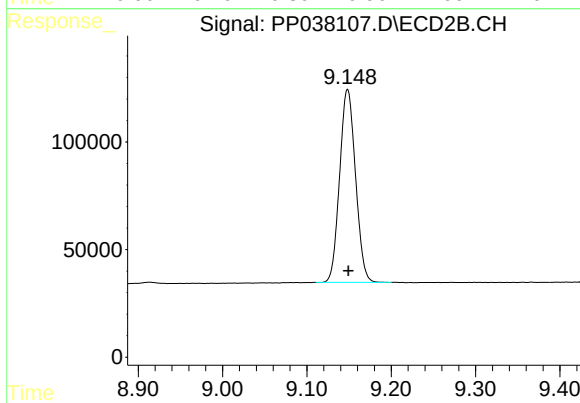
#1 Tetrachloro-m-xylene

R.T.: 3.881 min  
Delta R.T.: 0.002 min  
Response: 1346103  
Conc: 52.26 ng/ml



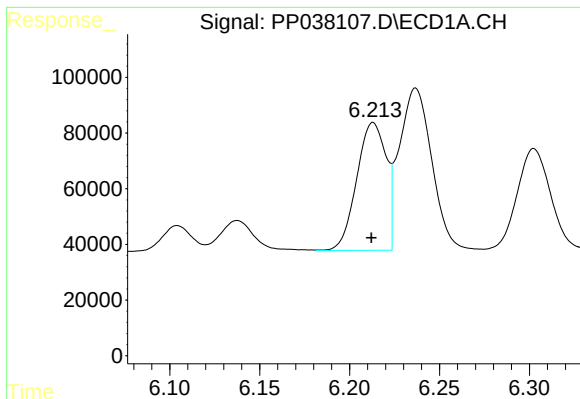
#2 Decachlorobiphenyl

R.T.: 10.886 min  
Delta R.T.: 0.000 min  
Response: 1118441  
Conc: 49.17 ng/ml



#2 Decachlorobiphenyl

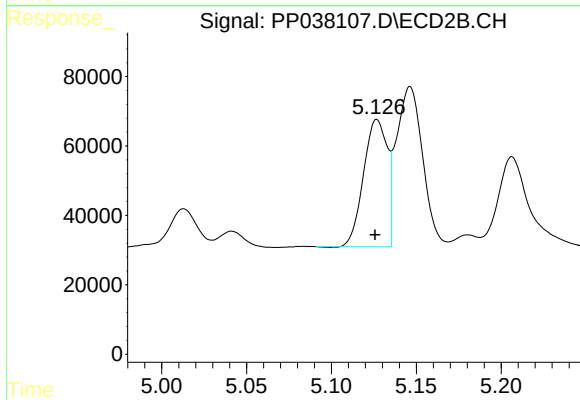
R.T.: 9.148 min  
Delta R.T.: 0.000 min  
Response: 1174219  
Conc: 45.38 ng/ml



#3 AR-1016-1

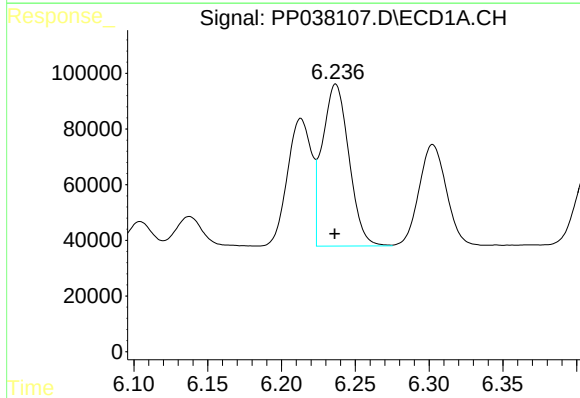
R.T.: 6.213 min  
Delta R.T.: 0.001 min  
Response: 522924  
Conc: 352.12 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



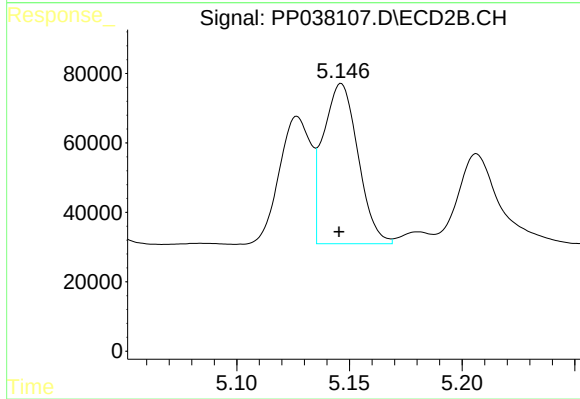
#3 AR-1016-1

R.T.: 5.127 min  
Delta R.T.: 0.001 min  
Response: 355737  
Conc: 368.30 ng/ml



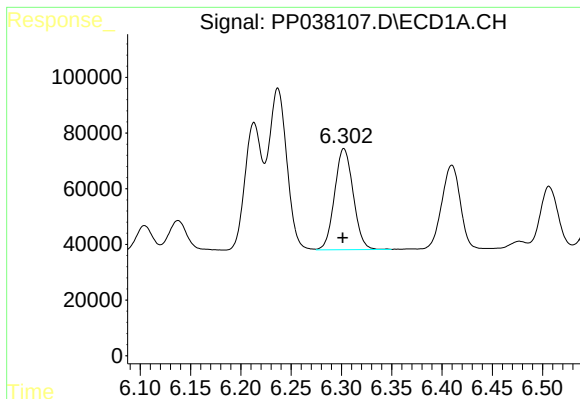
#4 AR-1016-2

R.T.: 6.237 min  
Delta R.T.: 0.000 min  
Response: 731065  
Conc: 343.27 ng/ml



#4 AR-1016-2

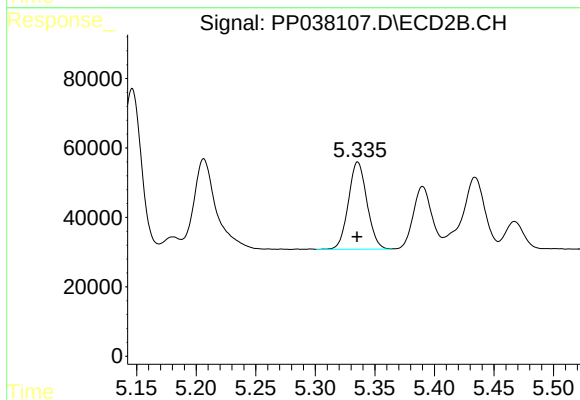
R.T.: 5.146 min  
Delta R.T.: 0.000 min  
Response: 496077  
Conc: 370.29 ng/ml



#5 AR-1016-3

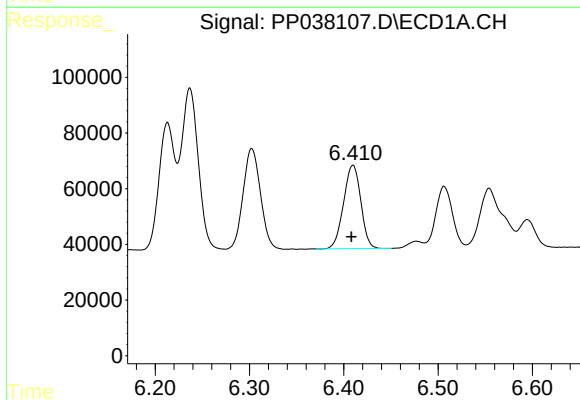
R.T.: 6.302 min  
Delta R.T.: 0.001 min  
Response: 468481  
Conc: 352.53 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



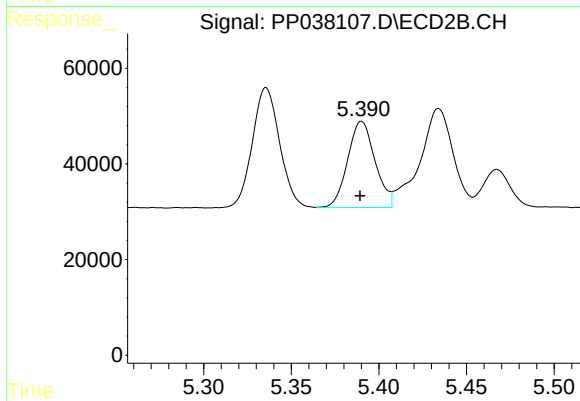
#5 AR-1016-3

R.T.: 5.336 min  
Delta R.T.: 0.000 min  
Response: 272697  
Conc: 370.65 ng/ml



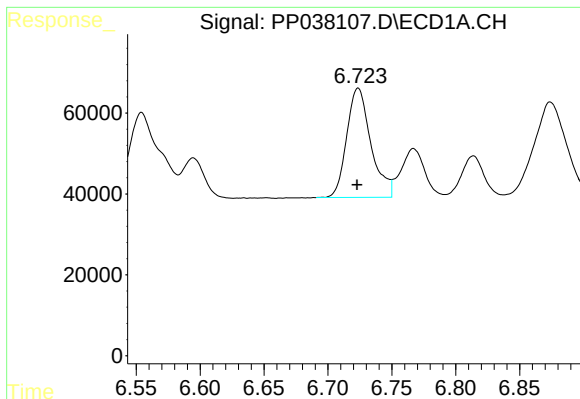
#6 AR-1016-4

R.T.: 6.410 min  
Delta R.T.: 0.002 min  
Response: 381540  
Conc: 351.42 ng/ml



#6 AR-1016-4

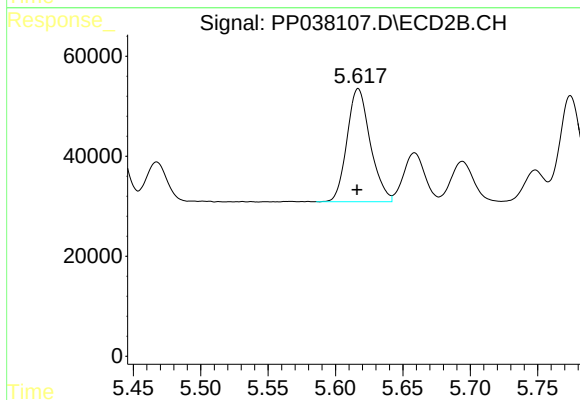
R.T.: 5.390 min  
Delta R.T.: 0.000 min  
Response: 196262  
Conc: 345.50 ng/ml



#7 AR-1016-5

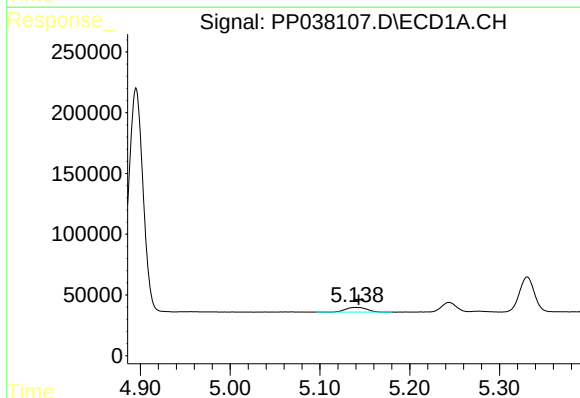
R.T.: 6.724 min  
Delta R.T.: 0.000 min  
Response: 356105  
Conc: 355.10 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



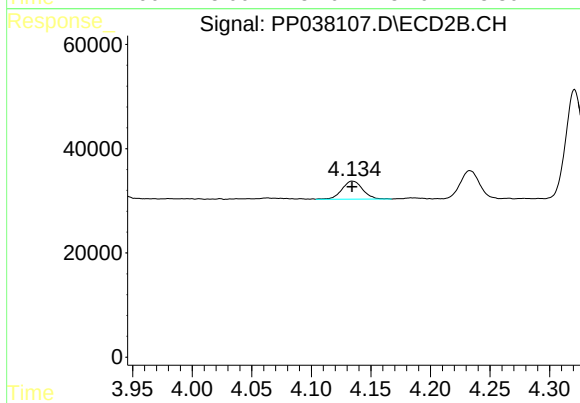
#7 AR-1016-5

R.T.: 5.617 min  
Delta R.T.: 0.000 min  
Response: 271908  
Conc: 354.36 ng/ml



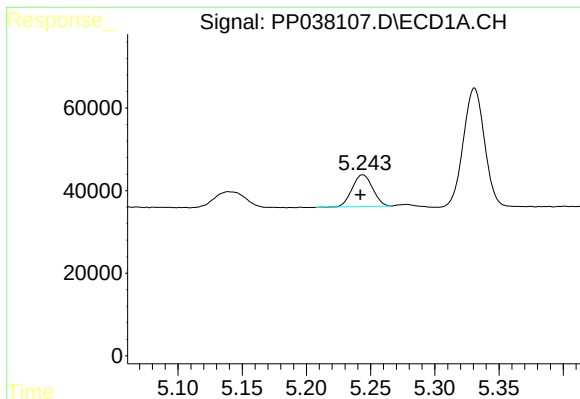
#8 AR-1221-1

R.T.: 5.139 min  
Delta R.T.: -0.004 min  
Response: 63920  
Conc: 117.93 ng/ml



#8 AR-1221-1

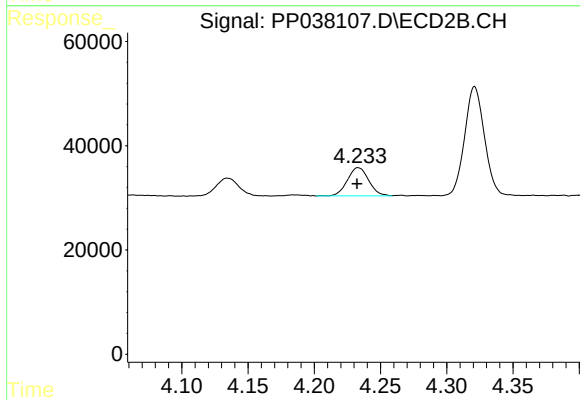
R.T.: 4.134 min  
Delta R.T.: 0.000 min  
Response: 41818  
Conc: 139.02 ng/ml



#9 AR-1221-2

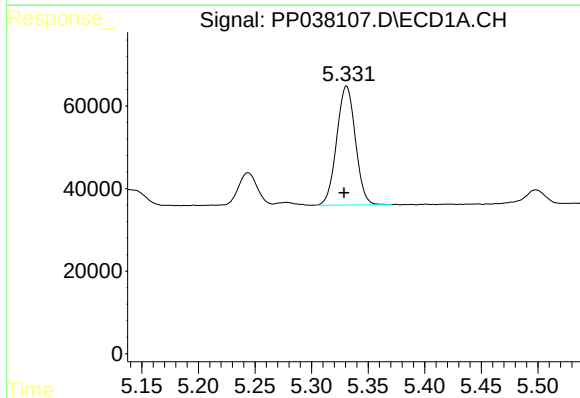
R.T.: 5.244 min  
Delta R.T.: 0.002 min  
Response: 85329  
Conc: 211.15 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



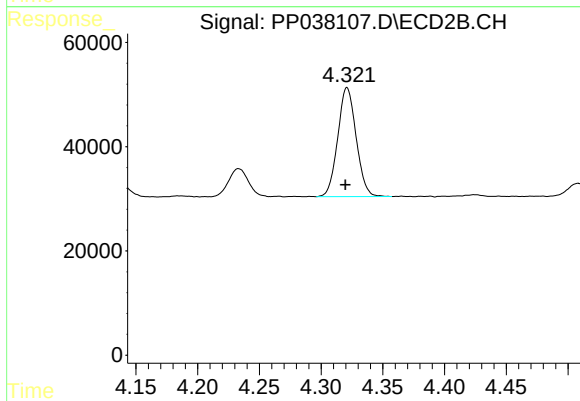
#9 AR-1221-2

R.T.: 4.233 min  
Delta R.T.: 0.000 min  
Response: 60729  
Conc: 258.03 ng/ml



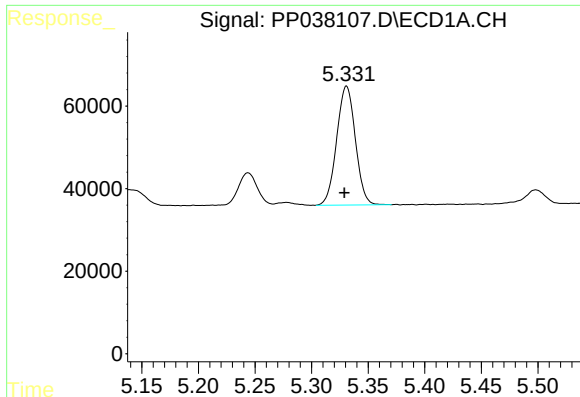
#10 AR-1221-3

R.T.: 5.331 min  
Delta R.T.: 0.002 min  
Response: 331023  
Conc: 274.79 ng/ml



#10 AR-1221-3

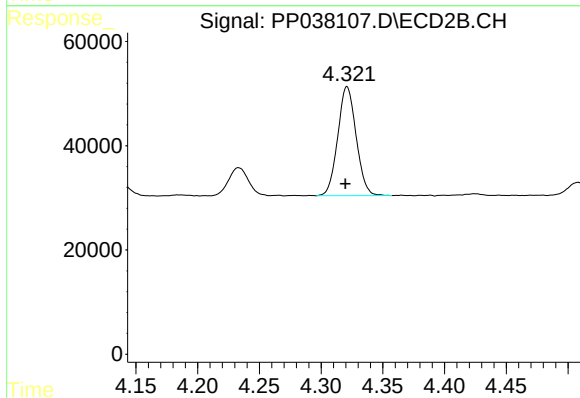
R.T.: 4.321 min  
Delta R.T.: 0.001 min  
Response: 217332  
Conc: 294.72 ng/ml



#11 AR-1232-1

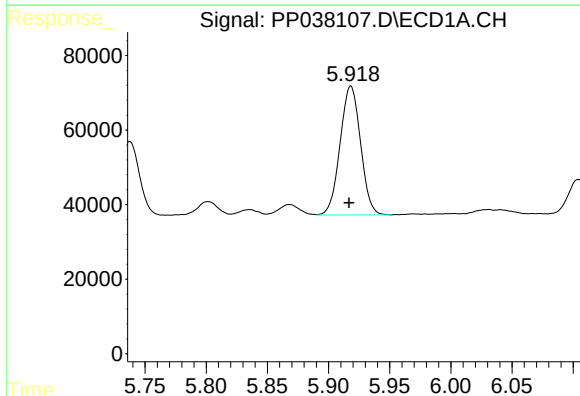
R.T.: 5.331 min  
Delta R.T.: 0.002 min  
Response: 331023  
Conc: 299.30 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



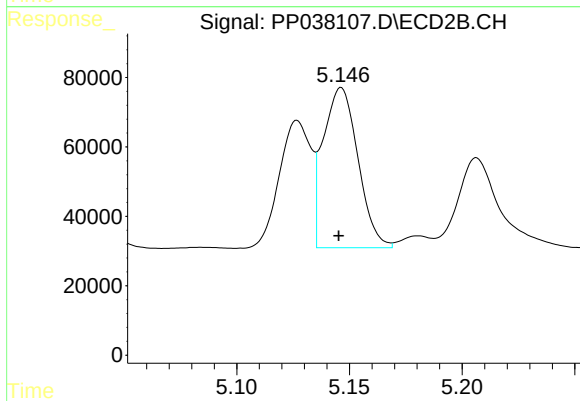
#11 AR-1232-1

R.T.: 4.321 min  
Delta R.T.: 0.002 min  
Response: 217332  
Conc: 320.59 ng/ml



#12 AR-1232-2

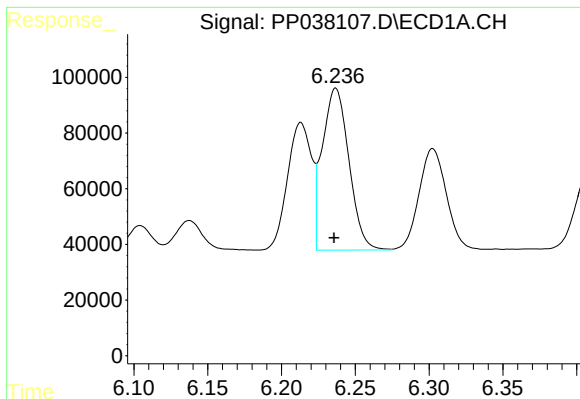
R.T.: 5.918 min  
Delta R.T.: 0.001 min  
Response: 402378  
Conc: 737.49 ng/ml



#12 AR-1232-2

R.T.: 5.146 min  
Delta R.T.: 0.001 min  
Response: 496077  
Conc: 814.74 ng/ml

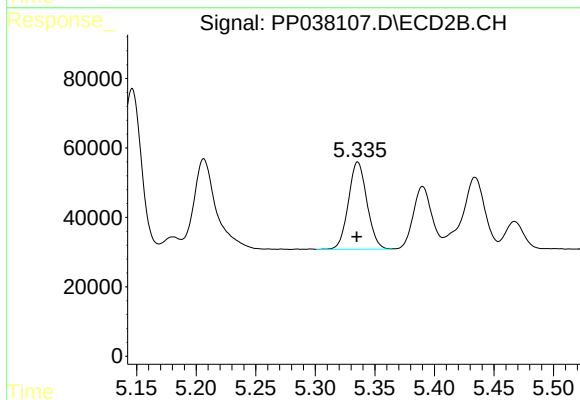




#13 AR-1232-3

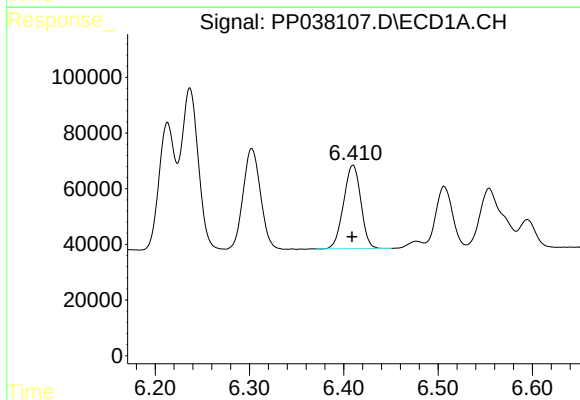
R.T.: 6.237 min  
Delta R.T.: 0.001 min  
Response: 731065  
Conc: 742.78 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



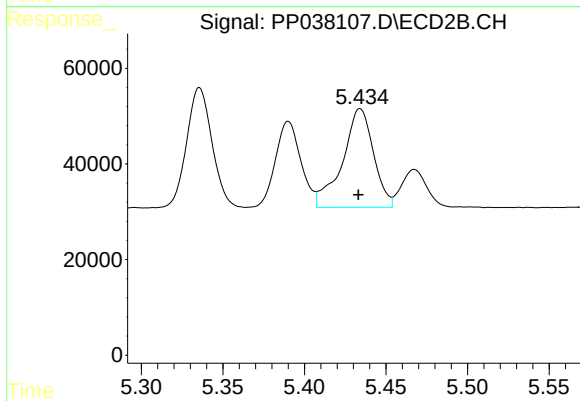
#13 AR-1232-3

R.T.: 5.336 min  
Delta R.T.: 0.000 min  
Response: 272697  
Conc: 839.69 ng/ml



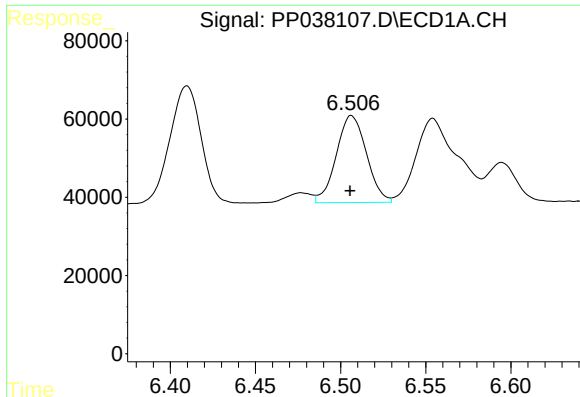
#14 AR-1232-4

R.T.: 6.410 min  
Delta R.T.: 0.000 min  
Response: 381540  
Conc: 763.58 ng/ml



#14 AR-1232-4

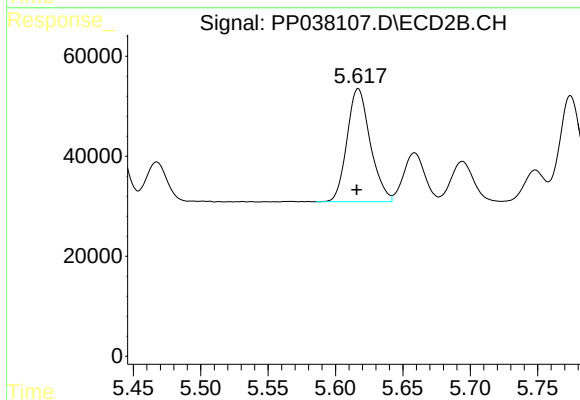
R.T.: 5.434 min  
Delta R.T.: 0.000 min  
Response: 273856  
Conc: 926.99 ng/ml



#15 AR-1232-5

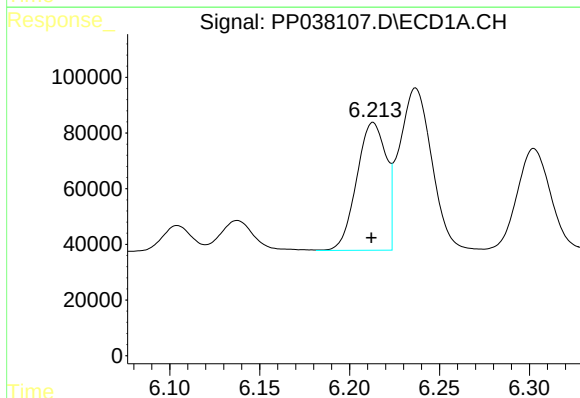
R.T.: 6.506 min  
Delta R.T.: 0.000 min  
Response: 274616  
Conc: 864.43 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



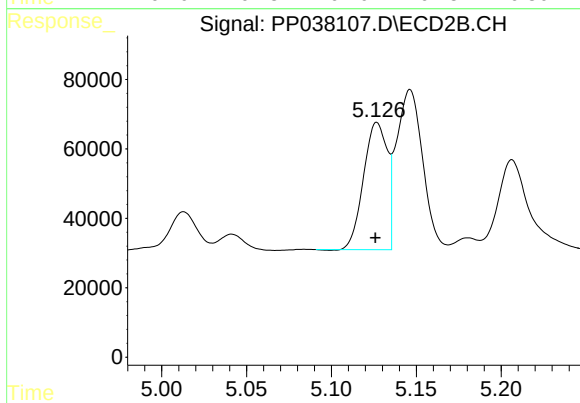
#15 AR-1232-5

R.T.: 5.617 min  
Delta R.T.: 0.001 min  
Response: 271908  
Conc: 733.70 ng/ml



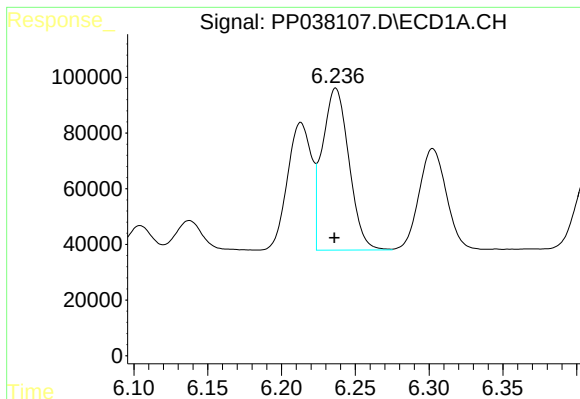
#16 AR-1242-1

R.T.: 6.213 min  
Delta R.T.: 0.001 min  
Response: 522924  
Conc: 461.97 ng/ml



#16 AR-1242-1

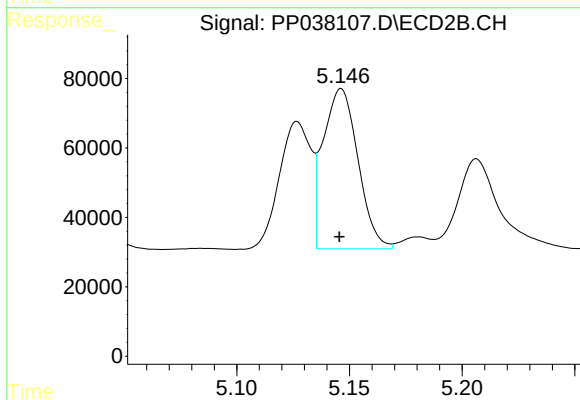
R.T.: 5.127 min  
Delta R.T.: 0.000 min  
Response: 355737  
Conc: 493.66 ng/ml



#17 AR-1242-2

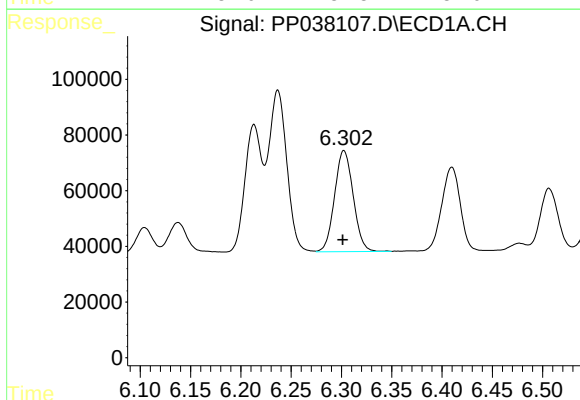
R.T.: 6.237 min  
Delta R.T.: 0.000 min  
Response: 731065  
Conc: 454.35 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



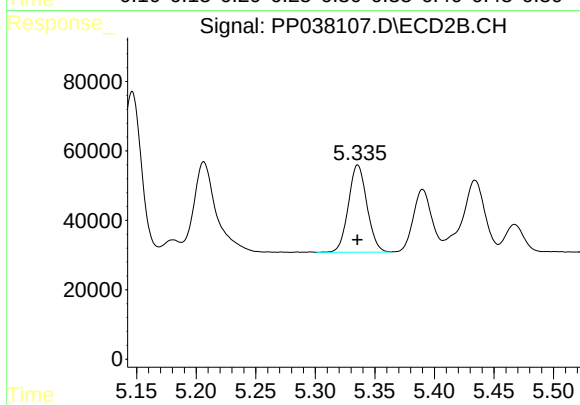
#17 AR-1242-2

R.T.: 5.146 min  
Delta R.T.: 0.000 min  
Response: 496077  
Conc: 496.33 ng/ml



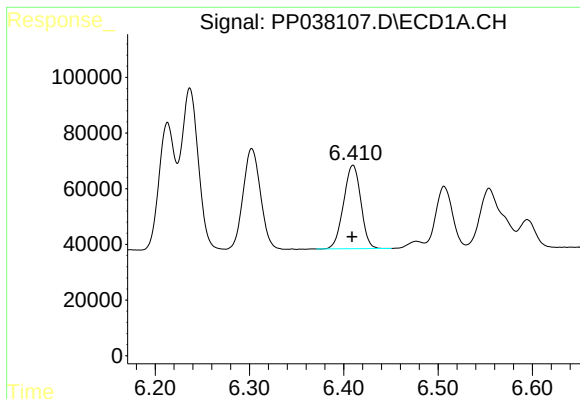
#18 AR-1242-3

R.T.: 6.302 min  
Delta R.T.: 0.001 min  
Response: 468481  
Conc: 457.61 ng/ml



#18 AR-1242-3

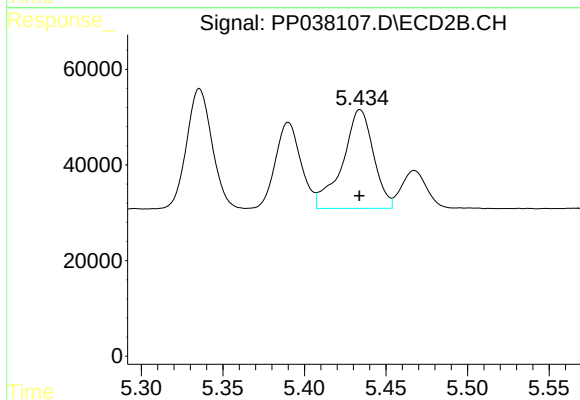
R.T.: 5.336 min  
Delta R.T.: 0.000 min  
Response: 272697  
Conc: 492.94 ng/ml



#19 AR-1242-4

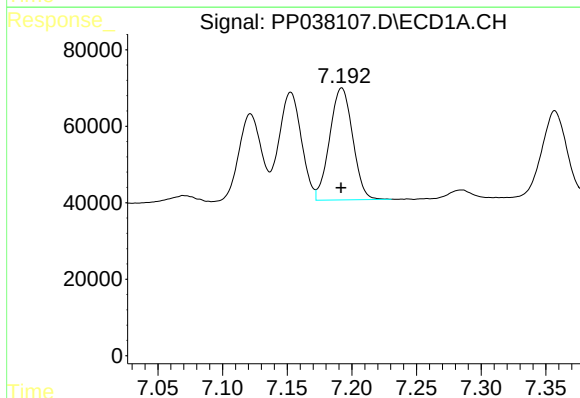
R.T.: 6.410 min  
Delta R.T.: 0.000 min  
Response: 381540  
Conc: 465.17 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



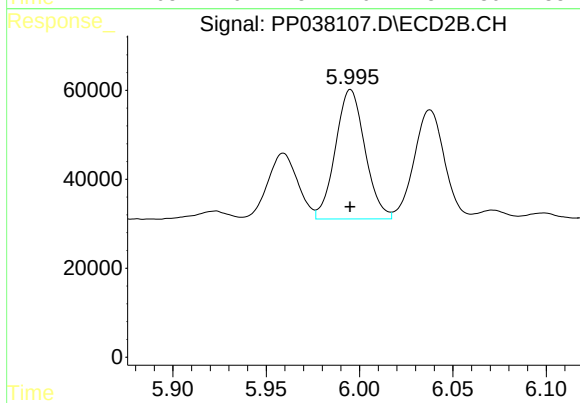
#19 AR-1242-4

R.T.: 5.434 min  
Delta R.T.: 0.000 min  
Response: 273856  
Conc: 521.25 ng/ml



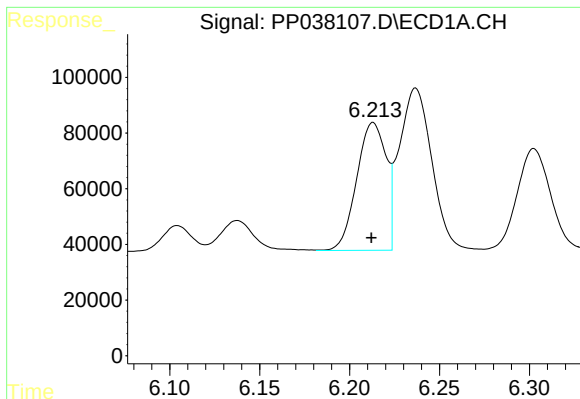
#20 AR-1242-5

R.T.: 7.192 min  
Delta R.T.: 0.000 min  
Response: 362509  
Conc: 439.61 ng/ml



#20 AR-1242-5

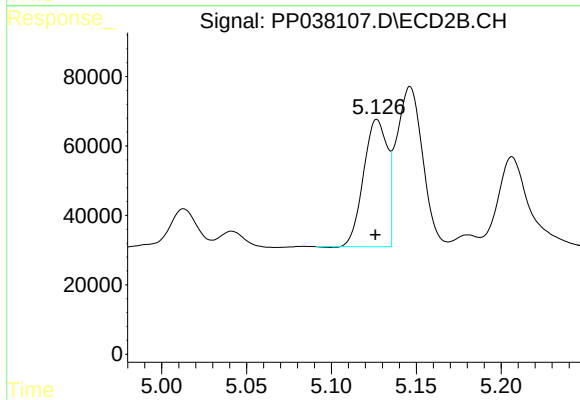
R.T.: 5.995 min  
Delta R.T.: 0.000 min  
Response: 320855  
Conc: 496.56 ng/ml



#21 AR-1248-1

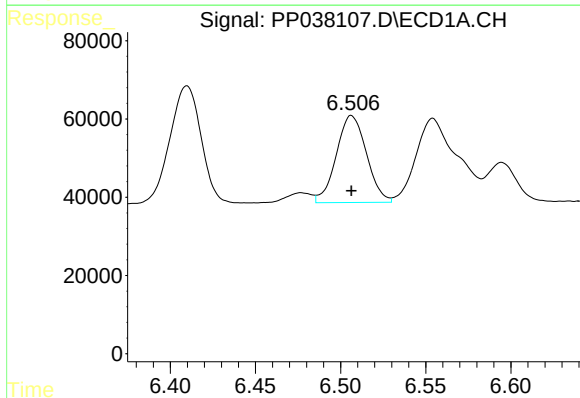
R.T.: 6.213 min  
Delta R.T.: 0.001 min  
Response: 522924  
Conc: 615.44 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



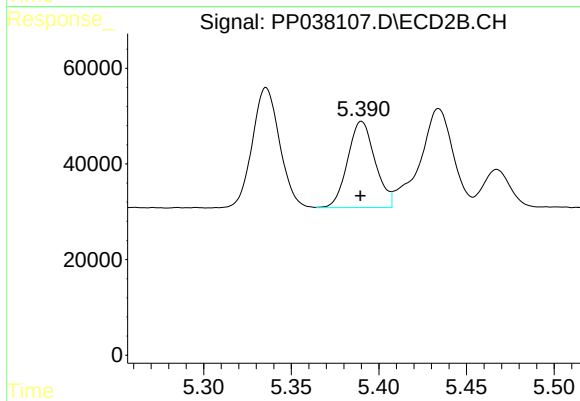
#21 AR-1248-1

R.T.: 5.127 min  
Delta R.T.: 0.000 min  
Response: 355737  
Conc: 672.19 ng/ml



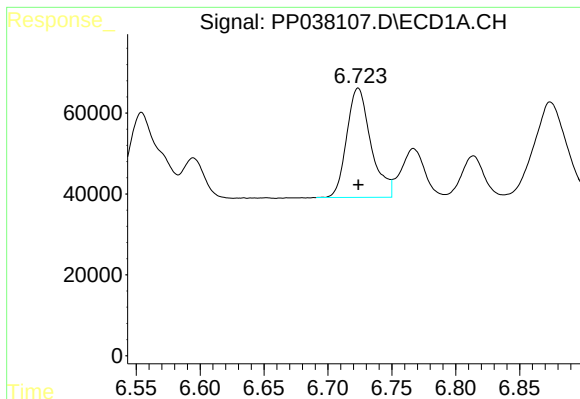
#22 AR-1248-2

R.T.: 6.506 min  
Delta R.T.: 0.000 min  
Response: 274616  
Conc: 254.02 ng/ml



#22 AR-1248-2

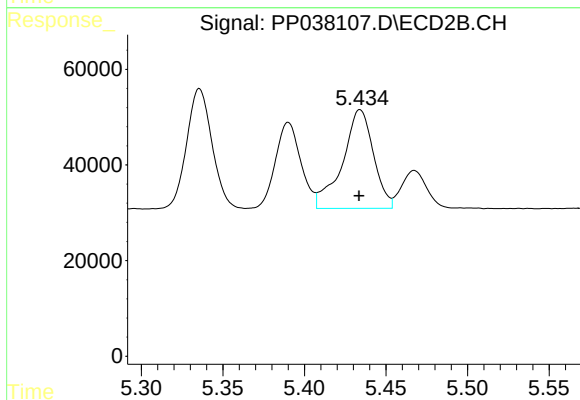
R.T.: 5.390 min  
Delta R.T.: 0.000 min  
Response: 196262  
Conc: 264.26 ng/ml



#23 AR-1248-3

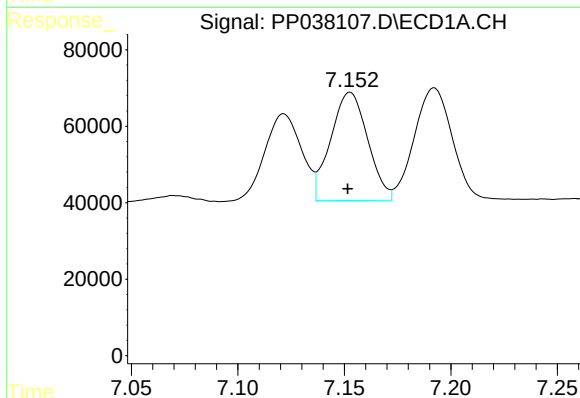
R.T.: 6.724 min  
Delta R.T.: 0.000 min  
Response: 356105  
Conc: 279.44 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



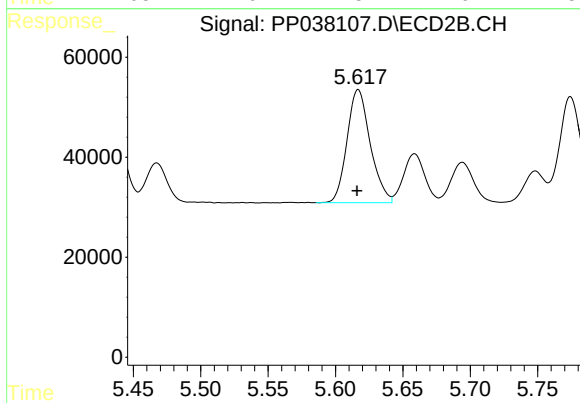
#23 AR-1248-3

R.T.: 5.434 min  
Delta R.T.: 0.000 min  
Response: 273856  
Conc: 348.04 ng/ml



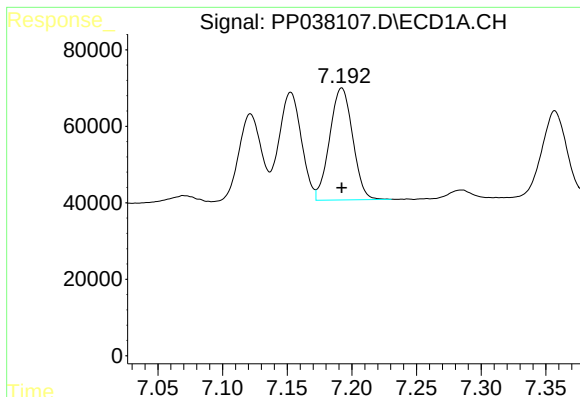
#24 AR-1248-4

R.T.: 7.153 min  
Delta R.T.: 0.001 min  
Response: 342605  
Conc: 253.76 ng/ml



#24 AR-1248-4

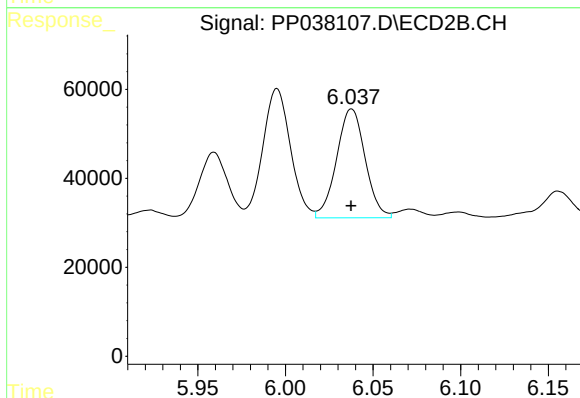
R.T.: 5.617 min  
Delta R.T.: 0.000 min  
Response: 271908  
Conc: 295.05 ng/ml



#25 AR-1248-5

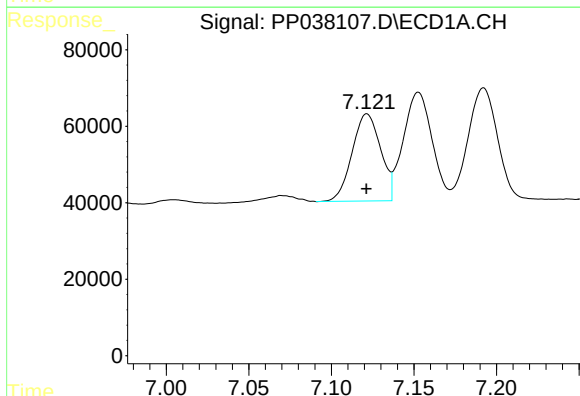
R.T.: 7.192 min  
Delta R.T.: 0.000 min  
Response: 362509  
Conc: 274.19 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



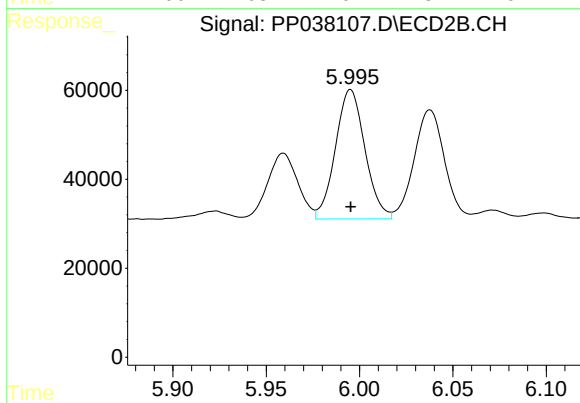
#25 AR-1248-5

R.T.: 6.038 min  
Delta R.T.: 0.000 min  
Response: 278332  
Conc: 295.65 ng/ml



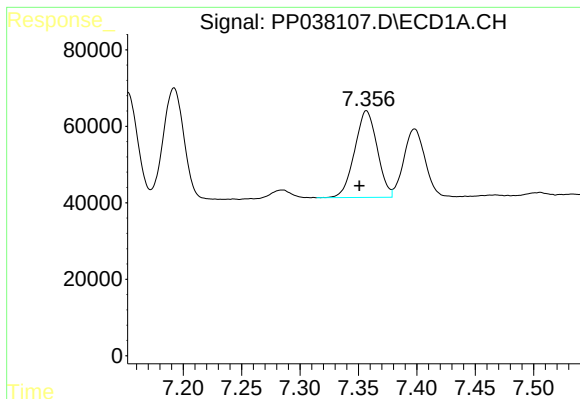
#26 AR-1254-1

R.T.: 7.122 min  
Delta R.T.: 0.000 min  
Response: 273943  
Conc: 210.24 ng/ml



#26 AR-1254-1

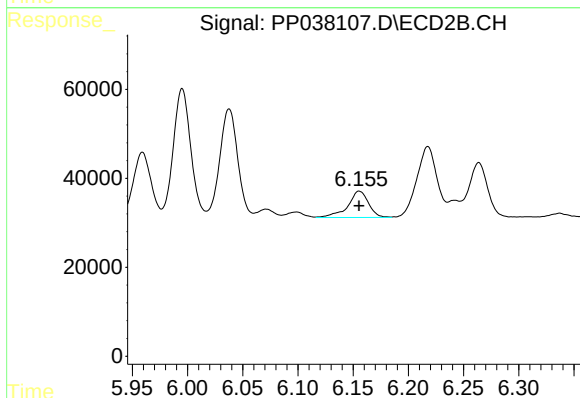
R.T.: 5.995 min  
Delta R.T.: 0.000 min  
Response: 320855  
Conc: 239.83 ng/ml



#27 AR-1254-2

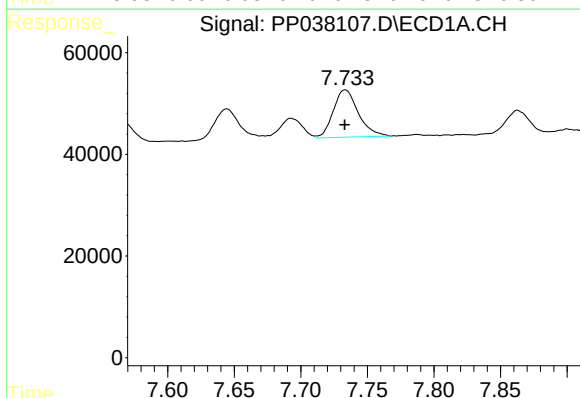
R.T.: 7.357 min  
Delta R.T.: 0.006 min  
Response: 304247  
Conc: 160.86 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



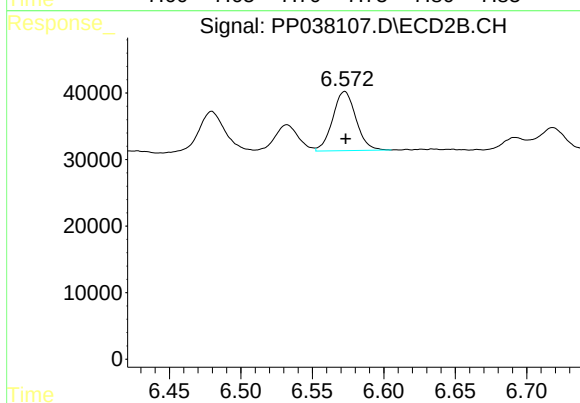
#27 AR-1254-2

R.T.: 6.156 min  
Delta R.T.: 0.000 min  
Response: 77745  
Conc: 67.83 ng/ml



#28 AR-1254-3

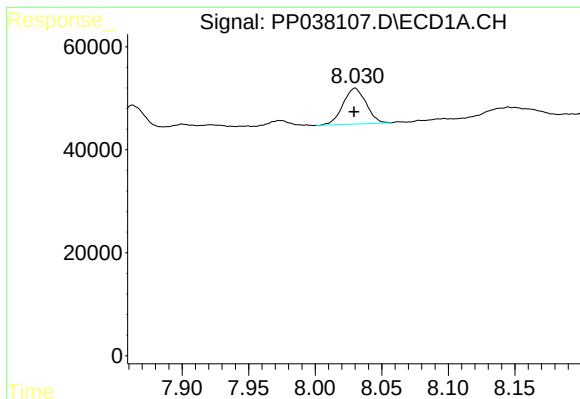
R.T.: 7.733 min  
Delta R.T.: 0.000 min  
Response: 121623  
Conc: 61.30 ng/ml



#28 AR-1254-3

R.T.: 6.573 min  
Delta R.T.: 0.000 min  
Response: 100739  
Conc: 53.36 ng/ml

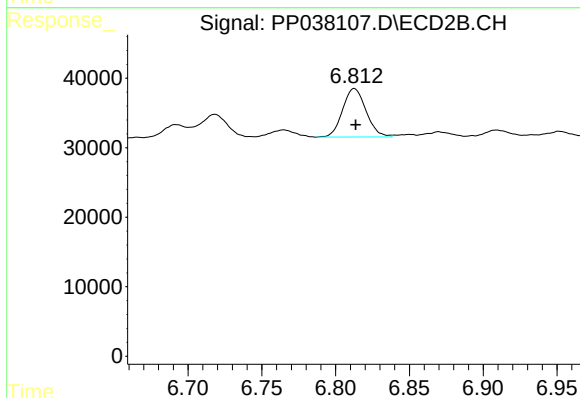




#29 AR-1254-4

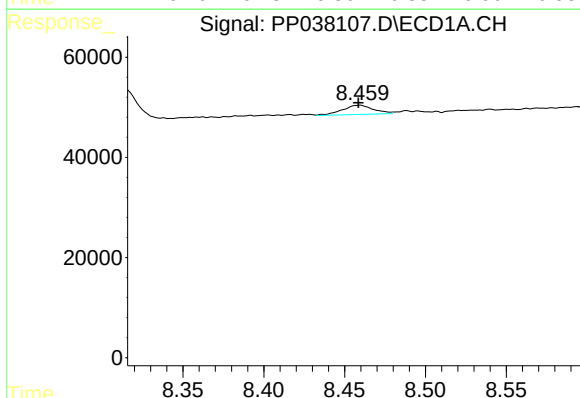
R.T.: 8.030 min  
Delta R.T.: 0.000 min  
Response: 84305  
Conc: 58.74 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



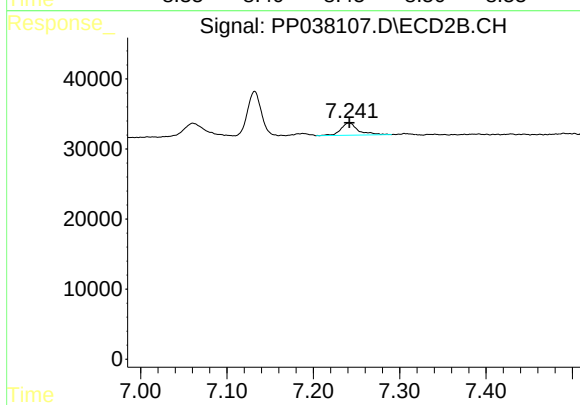
#29 AR-1254-4

R.T.: 6.813 min  
Delta R.T.: 0.000 min  
Response: 77299  
Conc: 64.20 ng/ml



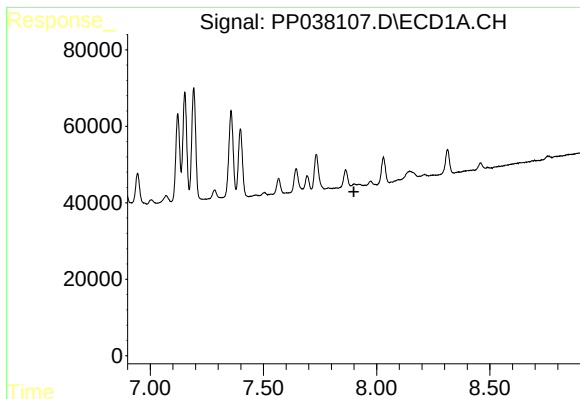
#30 AR-1254-5

R.T.: 8.459 min  
Delta R.T.: 0.000 min  
Response: 24524  
Conc: 16.88 ng/ml



#30 AR-1254-5

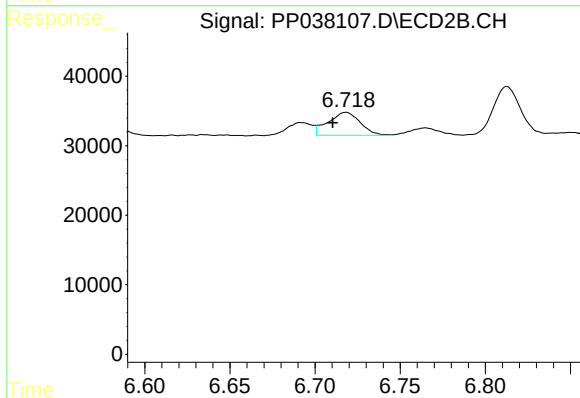
R.T.: 7.242 min  
Delta R.T.: 0.000 min  
Response: 24452  
Conc: 14.82 ng/ml



#31 AR-1260-1

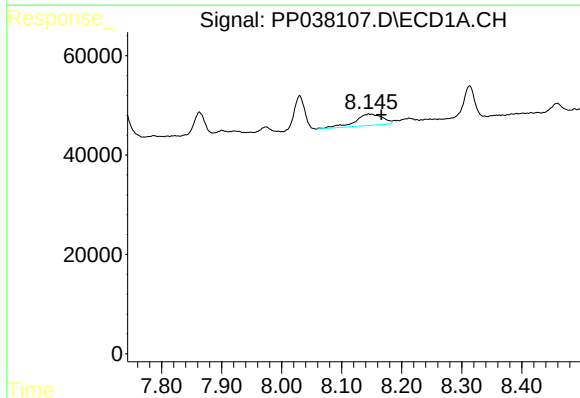
R.T.: 0.000 min  
Exp R.T.: 7.899 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :



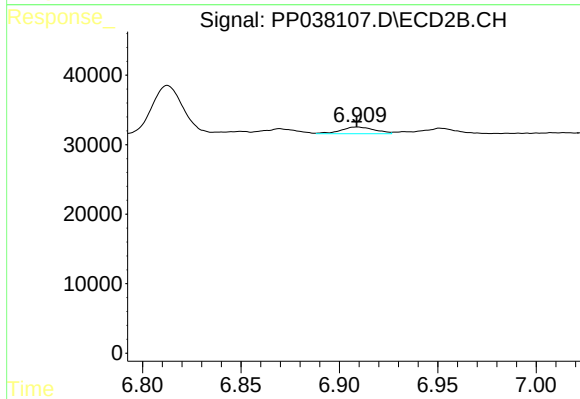
#31 AR-1260-1

R.T.: 6.718 min  
Delta R.T.: 0.008 min  
Response: 43194  
Conc: 33.17 ng/ml



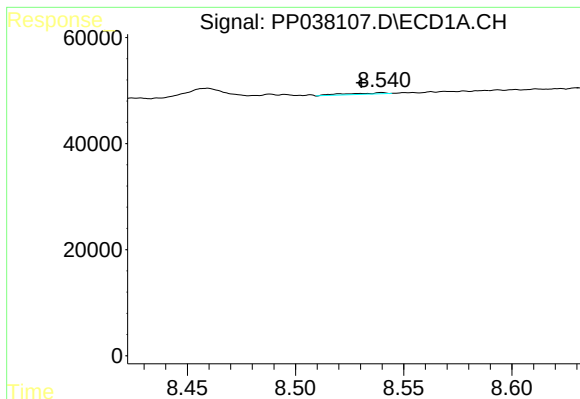
#32 AR-1260-2

R.T.: 8.145 min  
Delta R.T.: -0.021 min  
Response: 73828  
Conc: 42.88 ng/ml



#32 AR-1260-2

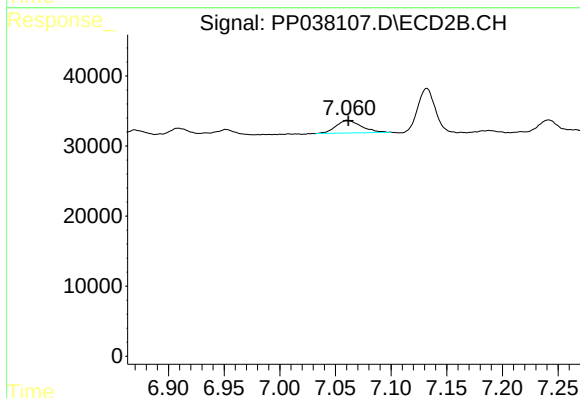
R.T.: 6.909 min  
Delta R.T.: 0.000 min  
Response: 11598  
Conc: 7.45 ng/ml



#33 AR-1260-3

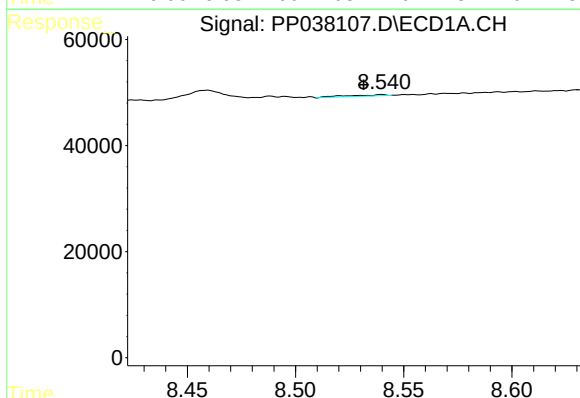
R.T.: 8.540 min  
Delta R.T.: 0.009 min  
Response: 2992  
Conc: 2.50 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



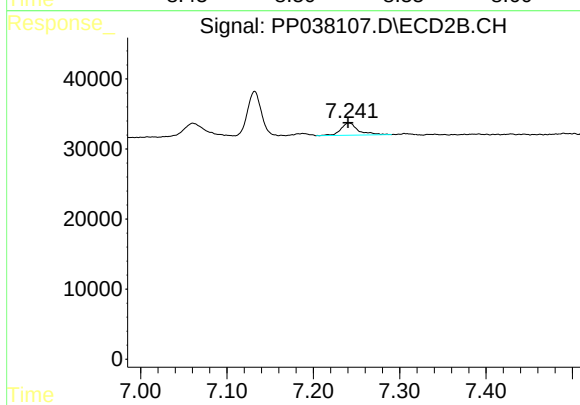
#33 AR-1260-3

R.T.: 7.061 min  
Delta R.T.: 0.000 min  
Response: 28789  
Conc: 18.91 ng/ml



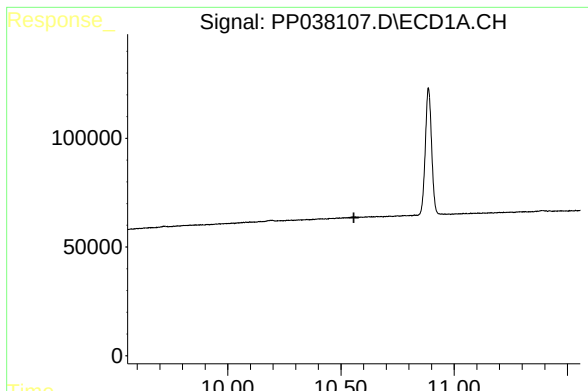
#36 AR-1262-1

R.T.: 8.540 min  
Delta R.T.: 0.008 min  
Response: 2992  
Conc: 1.82 ng/ml



#36 AR-1262-1

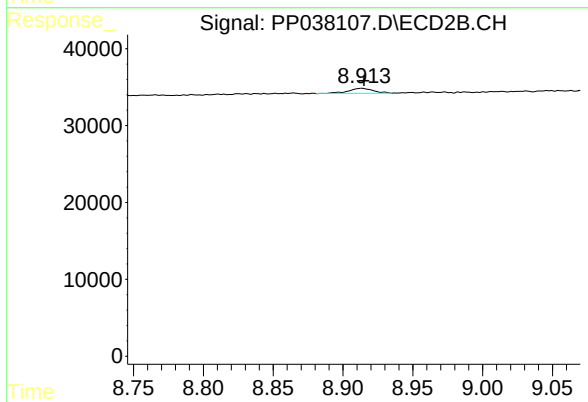
R.T.: 7.242 min  
Delta R.T.: 0.001 min  
Response: 24452  
Conc: 26.75 ng/ml



#45 AR-1268-5

R.T.: 0.000 min  
Exp R.T.: 10.557 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :



#45 AR-1268-5

R.T.: 8.913 min  
Delta R.T.: -0.002 min  
Response: 7877  
Conc: 0.83 ng/ml