

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP062921\  
 Data File : PP036879.D  
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
 Acq On : 29 Jun 2021 19:12  
 Operator : DD\AJ  
 Sample : AR1248CCC500  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :  
 AR1248CCC500

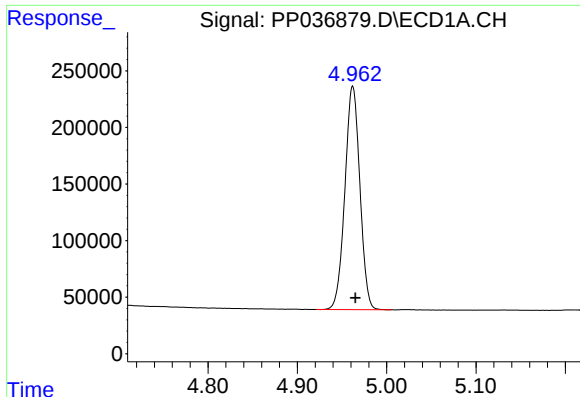
Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jun 30 01:38:54 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP061721.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Fri Jun 18 06:06:19 2021  
 Response via : Initial Calibration  
 Integrator: 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... | 4.962  | 3.954  | 2303306 | 1522995 | 52.113   | 49.171     |
| 2)                          | SA Decachlor... | 10.992 | 9.250  | 2276667 | 1406053 | 53.072   | 43.966     |
| Target Compounds            |                 |        |        |         |         |          |            |
| 3)                          | L1 AR-1016-1    | 6.281  | 5.205  | 504255  | 308219  | 297.698  | 261.455    |
| 4)                          | L1 AR-1016-2    | 6.306  | 5.225  | 596174  | 305904  | 247.247  | 188.348    |
| 5)                          | L1 AR-1016-3    | 6.371  | 5.416  | 301907  | 208985  | 196.394  | 231.635    |
| 6)                          | L1 AR-1016-4    | 6.477  | 5.469  | 342666  | 414588  | 266.553  | 584.023 #  |
| 7)                          | L1 AR-1016-5    | 6.794  | 5.696  | 792561  | 512509  | 619.647  | 565.541    |
| 9)                          | L2 AR-1221-2    | 5.313  | 4.304  | 36609   | 22850   | 84.954   | 76.552     |
| 10)                         | L2 AR-1221-3    | 5.397  | 4.396  | 43289   | 26704   | 33.578   | 29.571     |
| 11)                         | L3 AR-1232-1    | 5.397  | 4.396  | 43289   | 26704   | 40.644   | 36.298     |
| 12)                         | L3 AR-1232-2    | 5.986  | 5.225  | 222623  | 305904  | 404.787  | 457.481    |
| 13)                         | L3 AR-1232-3    | 6.306  | 5.416  | 596174  | 208985  | 583.593  | 576.072    |
| 14)                         | L3 AR-1232-4    | 6.477  | 5.513  | 342666  | 433803  | 634.825  | 1385.322 # |
| 15)                         | L3 AR-1232-5    | 6.575  | 5.696  | 657095  | 512509  | 1792.882 | 1438.850   |
| 16)                         | L4 AR-1242-1    | 6.281  | 5.205  | 504255  | 308219  | 393.229  | 346.277    |
| 17)                         | L4 AR-1242-2    | 6.306  | 5.225  | 596174  | 305904  | 326.703  | 250.781    |
| 18)                         | L4 AR-1242-3    | 6.371  | 5.416  | 301907  | 208985  | 257.345  | 310.582    |
| 19)                         | L4 AR-1242-4    | 6.477  | 5.513  | 342666  | 433803  | 354.080  | 670.040 #  |
| 20)                         | L4 AR-1242-5    | 7.261  | 6.076  | 883189  | 727343  | 839.632  | 891.458    |
| 21)                         | L5 AR-1248-1    | 6.281  | 5.205  | 504255  | 308219  | 499.844  | 442.355    |
| 22)                         | L5 AR-1248-2    | 6.575  | 5.469  | 657095  | 414588  | 483.849  | 437.708    |
| 23)                         | L5 AR-1248-3    | 6.794  | 5.513  | 792561  | 433803  | 487.108  | 438.434    |
| 24)                         | L5 AR-1248-4    | 7.221  | 5.696  | 887087  | 512509  | 485.876  | 438.144    |
| 25)                         | L5 AR-1248-5    | 7.261  | 6.119  | 883189  | 532261  | 489.832  | 448.724    |
| 26)                         | L6 AR-1254-1    | 7.190  | 6.076  | 717555  | 727343  | 408.012  | 429.272    |
| 27)                         | L6 AR-1254-2    | 7.425  | 6.237  | 898031  | 204436  | 331.902  | 137.445 #  |
| 28)                         | L6 AR-1254-3    | 7.801  | 6.655  | 516545  | 337542  | 174.388  | 138.840    |
| 29)                         | L6 AR-1254-4    | 8.097  | 6.896  | 359831  | 225400  | 163.682  | 145.657    |
| 30)                         | L6 AR-1254-5    | 8.525  | 7.326  | 86921   | 61588   | 36.550   | 28.642     |
| 31)                         | L7 AR-1260-1    | 7.969  | 6.802  | 58674   | 149771  | 27.032   | 93.023 #   |
| 32)                         | L7 AR-1260-2    | 8.230  | 6.992  | 106241  | 28144   | 41.453   | 14.513 #   |
| 33)                         | L7 AR-1260-3    | 8.588  | 7.143  | 18019   | 44829   | 8.990    | 24.649 #   |
| 34)                         | L7 AR-1260-4    | 8.822  | 7.664f | 53710   | 18616   | 22.670   | 12.005 #   |
| 35)                         | L7 AR-1260-5    | 9.158  | 0.000  | 21019   | 0       | 4.711    | N.D. #     |
| 36)                         | L8 AR-1262-1    | 8.588  | 7.326  | 18019   | 61588   | 6.324    | 51.672 #   |
| 37)                         | L8 AR-1262-2    | 9.158  | 0.000  | 21019   | 0       | 4.137    | N.D. #     |
| 45)                         | L9 AR-1268-5    | 10.650 | 9.006  | 19133   | 13779   | 1.244    | 1.165      |
| -----                       |                 |        |        |         |         |          |            |

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

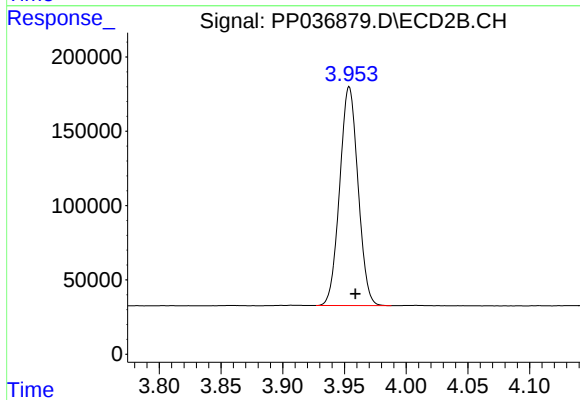




#1 Tetrachloro-m-xylene

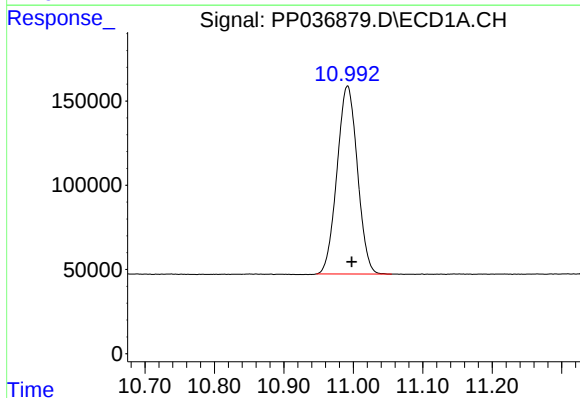
R.T.: 4.962 min  
Delta R.T.: -0.003 min  
Response: 2303306  
Conc: 52.11 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1248CCC500



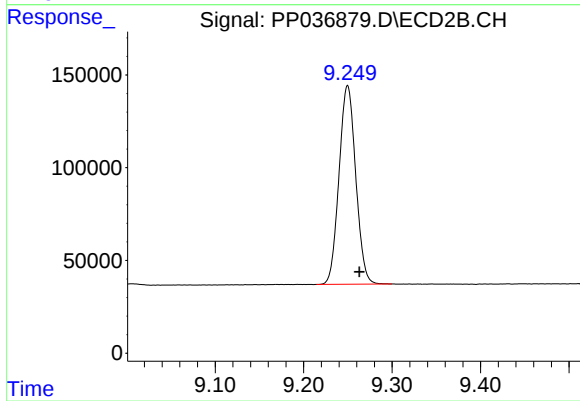
#1 Tetrachloro-m-xylene

R.T.: 3.954 min  
Delta R.T.: -0.005 min  
Response: 1522995  
Conc: 49.17 ng/ml



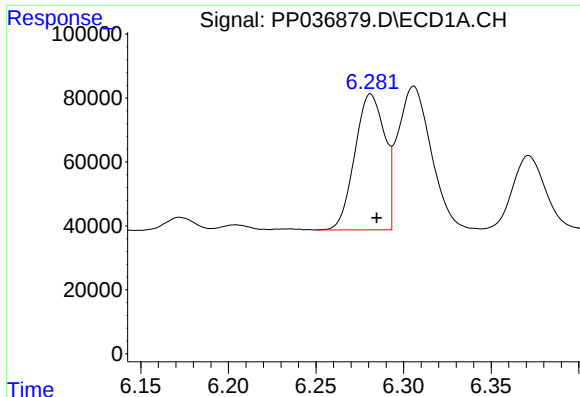
#2 Decachlorobiphenyl

R.T.: 10.992 min  
Delta R.T.: -0.006 min  
Response: 2276667  
Conc: 53.07 ng/ml



#2 Decachlorobiphenyl

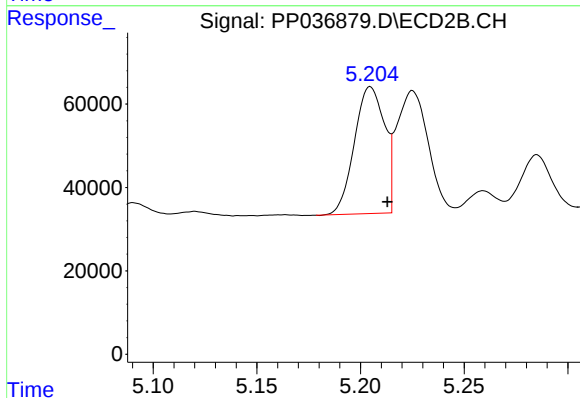
R.T.: 9.250 min  
Delta R.T.: -0.013 min  
Response: 1406053  
Conc: 43.97 ng/ml



#3 AR-1016-1

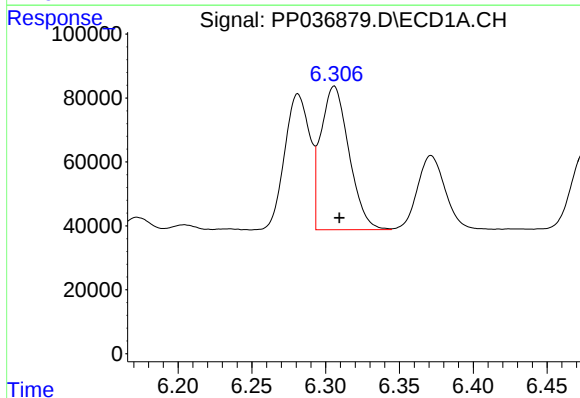
R.T.: 6.281 min  
Delta R.T.: -0.003 min  
Response: 504255  
Conc: 297.70 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1248CCC500



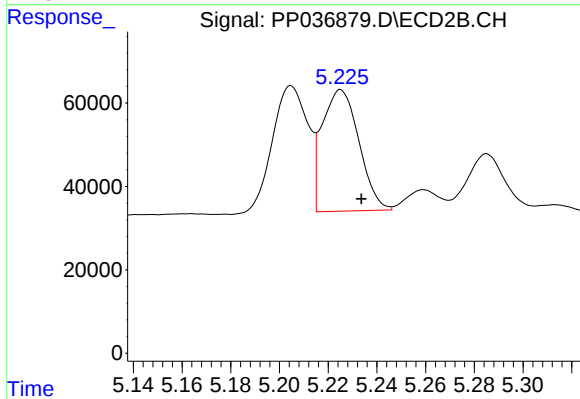
#3 AR-1016-1

R.T.: 5.205 min  
Delta R.T.: -0.008 min  
Response: 308219  
Conc: 261.46 ng/ml



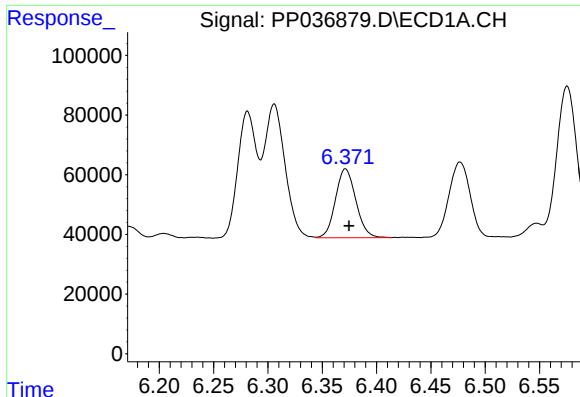
#4 AR-1016-2

R.T.: 6.306 min  
Delta R.T.: -0.003 min  
Response: 596174  
Conc: 247.25 ng/ml



#4 AR-1016-2

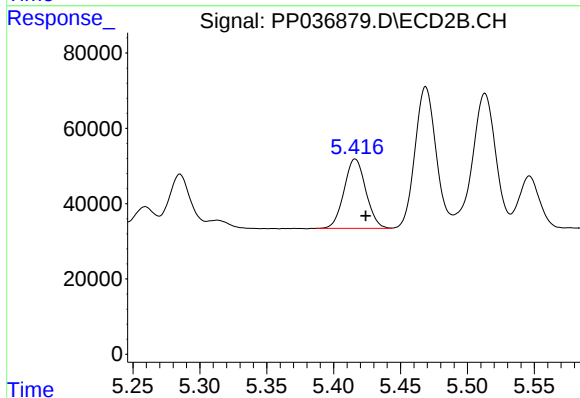
R.T.: 5.225 min  
Delta R.T.: -0.009 min  
Response: 305904  
Conc: 188.35 ng/ml



#5 AR-1016-3

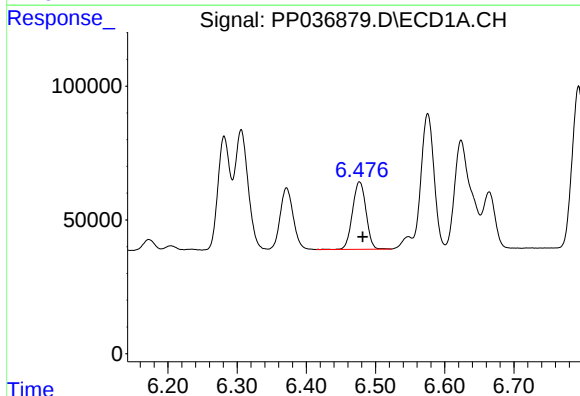
R.T.: 6.371 min  
Delta R.T.: -0.003 min  
Response: 301907  
Conc: 196.39 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1248CCC500



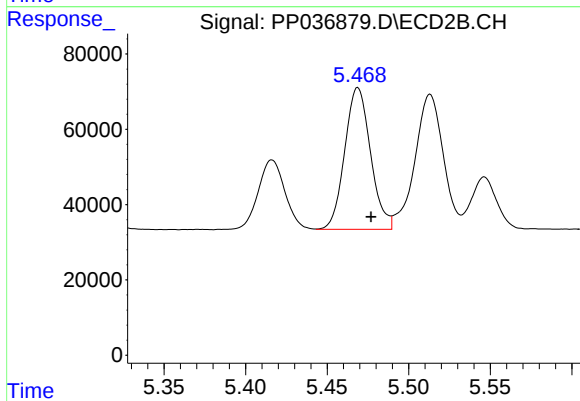
#5 AR-1016-3

R.T.: 5.416 min  
Delta R.T.: -0.008 min  
Response: 208985  
Conc: 231.63 ng/ml



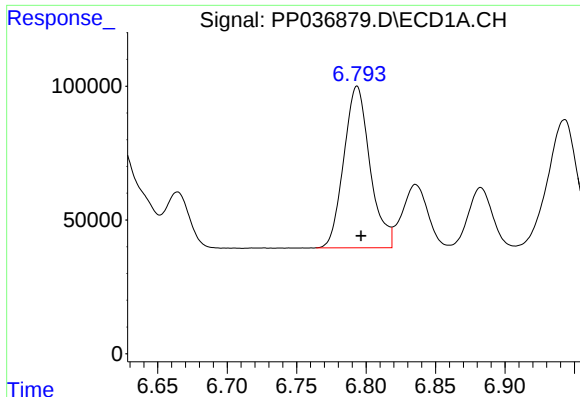
#6 AR-1016-4

R.T.: 6.477 min  
Delta R.T.: -0.005 min  
Response: 342666  
Conc: 266.55 ng/ml



#6 AR-1016-4

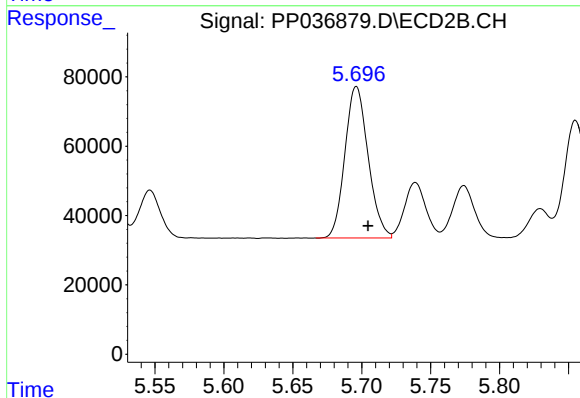
R.T.: 5.469 min  
Delta R.T.: -0.008 min  
Response: 414588  
Conc: 584.02 ng/ml



#7 AR-1016-5

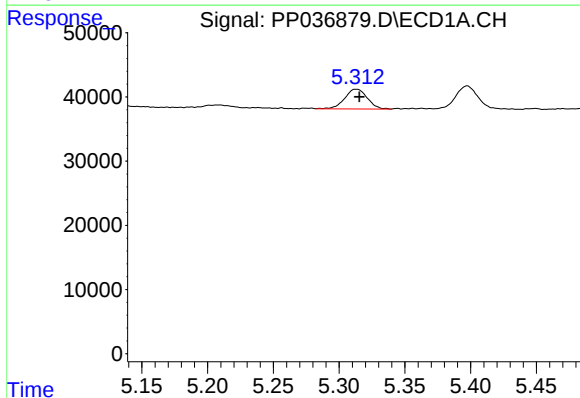
R.T.: 6.794 min  
Delta R.T.: -0.003 min  
Response: 792561  
Conc: 619.65 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1248CCC500



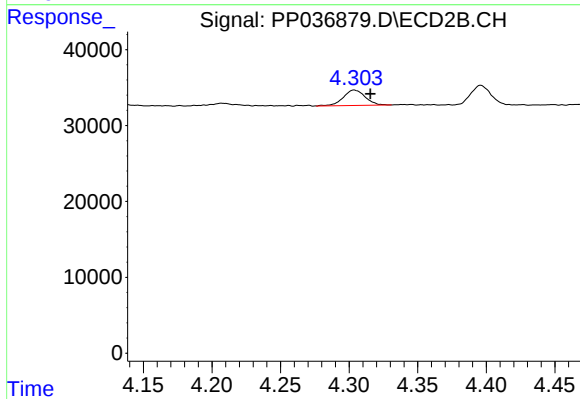
#7 AR-1016-5

R.T.: 5.696 min  
Delta R.T.: -0.009 min  
Response: 512509  
Conc: 565.54 ng/ml



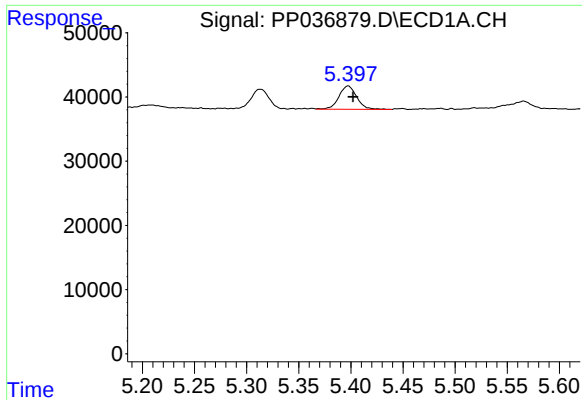
#9 AR-1221-2

R.T.: 5.313 min  
Delta R.T.: -0.003 min  
Response: 36609  
Conc: 84.95 ng/ml



#9 AR-1221-2

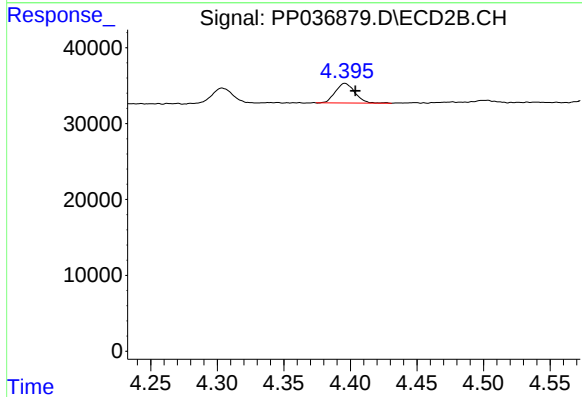
R.T.: 4.304 min  
Delta R.T.: -0.012 min  
Response: 22850  
Conc: 76.55 ng/ml



#10 AR-1221-3

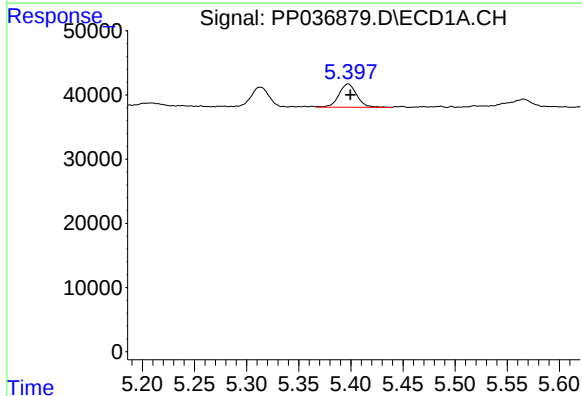
R.T.: 5.397 min  
Delta R.T.: -0.005 min  
Response: 43289  
Conc: 33.58 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1248CCC500



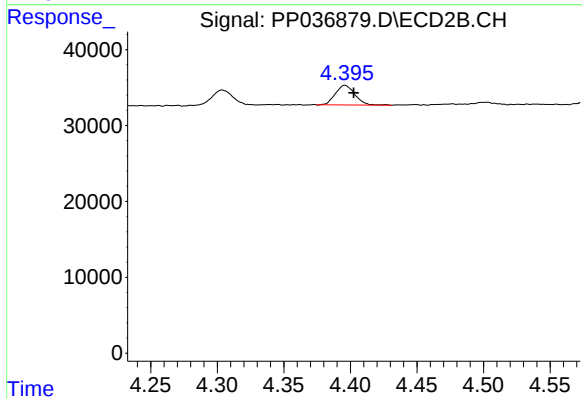
#10 AR-1221-3

R.T.: 4.396 min  
Delta R.T.: -0.008 min  
Response: 26704  
Conc: 29.57 ng/ml



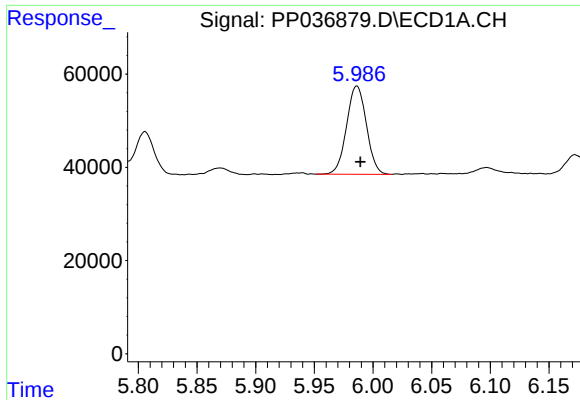
#11 AR-1232-1

R.T.: 5.397 min  
Delta R.T.: -0.002 min  
Response: 43289  
Conc: 40.64 ng/ml



#11 AR-1232-1

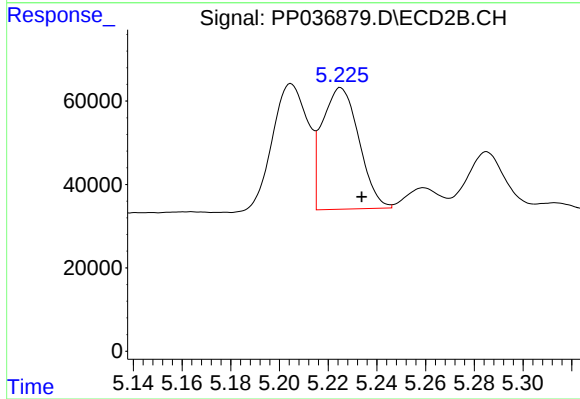
R.T.: 4.396 min  
Delta R.T.: -0.007 min  
Response: 26704  
Conc: 36.30 ng/ml



#12 AR-1232-2

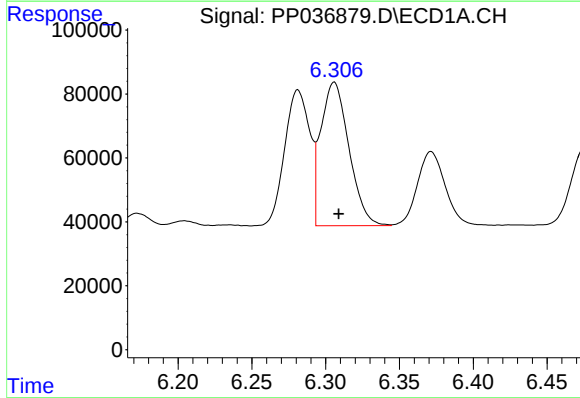
R.T.: 5.986 min  
Delta R.T.: -0.003 min  
Response: 222623  
Conc: 404.79 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1248CCC500



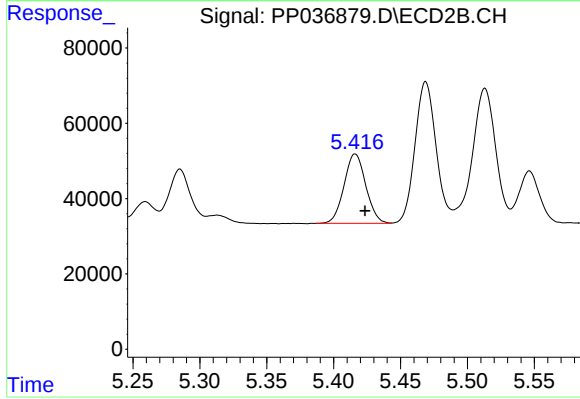
#12 AR-1232-2

R.T.: 5.225 min  
Delta R.T.: -0.009 min  
Response: 305904  
Conc: 457.48 ng/ml



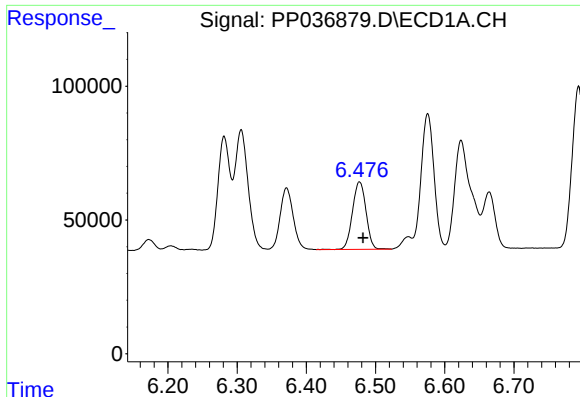
#13 AR-1232-3

R.T.: 6.306 min  
Delta R.T.: -0.003 min  
Response: 596174  
Conc: 583.59 ng/ml



#13 AR-1232-3

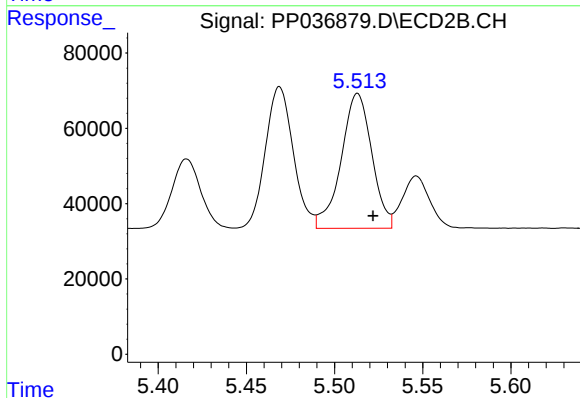
R.T.: 5.416 min  
Delta R.T.: -0.007 min  
Response: 208985  
Conc: 576.07 ng/ml



#14 AR-1232-4

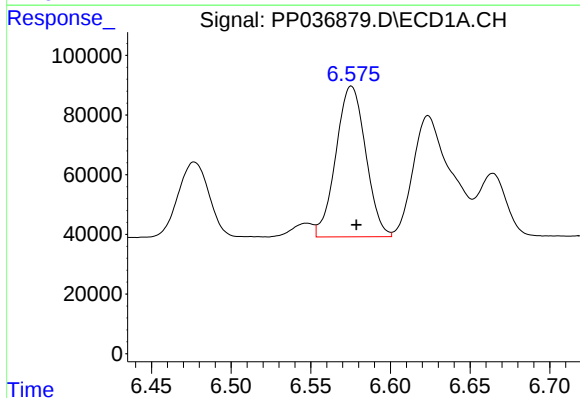
R.T.: 6.477 min  
Delta R.T.: -0.005 min  
Response: 342666  
Conc: 634.82 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1248CCC500



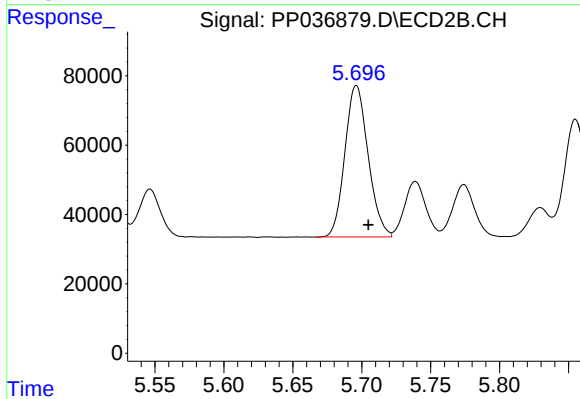
#14 AR-1232-4

R.T.: 5.513 min  
Delta R.T.: -0.009 min  
Response: 433803  
Conc: 1385.32 ng/ml



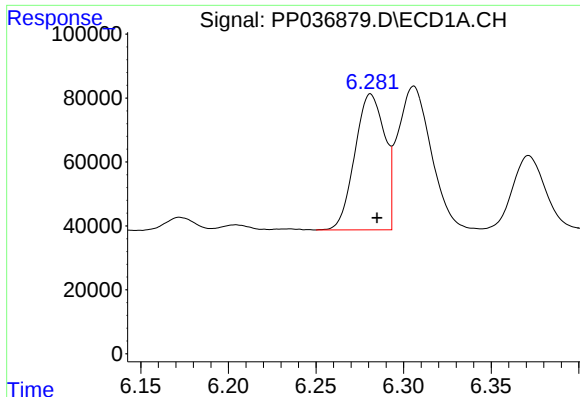
#15 AR-1232-5

R.T.: 6.575 min  
Delta R.T.: -0.003 min  
Response: 657095  
Conc: 1792.88 ng/ml



#15 AR-1232-5

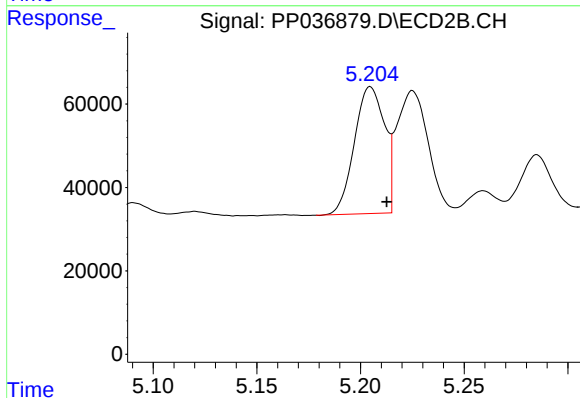
R.T.: 5.696 min  
Delta R.T.: -0.009 min  
Response: 512509  
Conc: 1438.85 ng/ml



#16 AR-1242-1

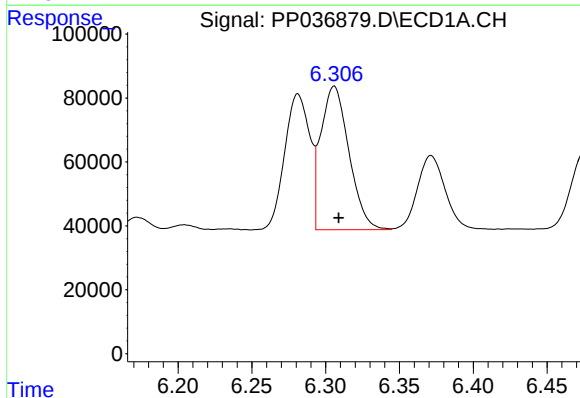
R.T.: 6.281 min  
Delta R.T.: -0.004 min  
Response: 504255  
Conc: 393.23 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1248CCC500



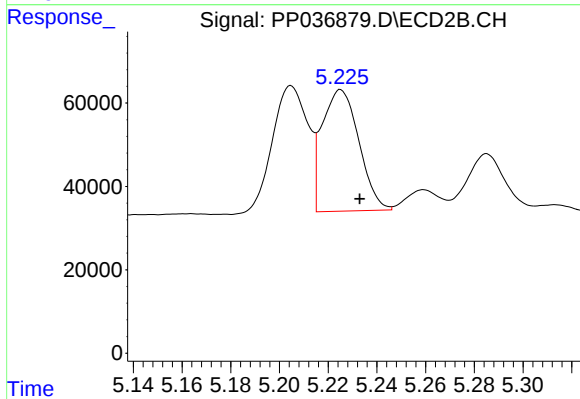
#16 AR-1242-1

R.T.: 5.205 min  
Delta R.T.: -0.008 min  
Response: 308219  
Conc: 346.28 ng/ml



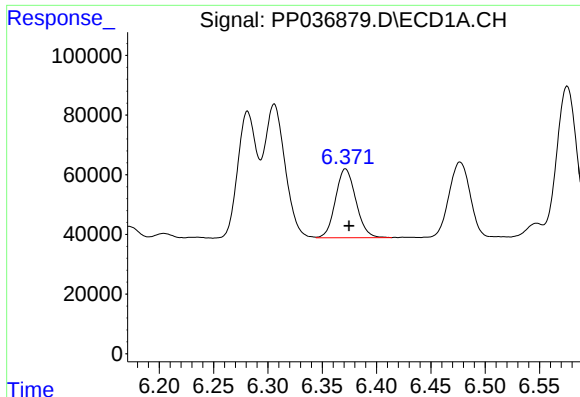
#17 AR-1242-2

R.T.: 6.306 min  
Delta R.T.: -0.003 min  
Response: 596174  
Conc: 326.70 ng/ml



#17 AR-1242-2

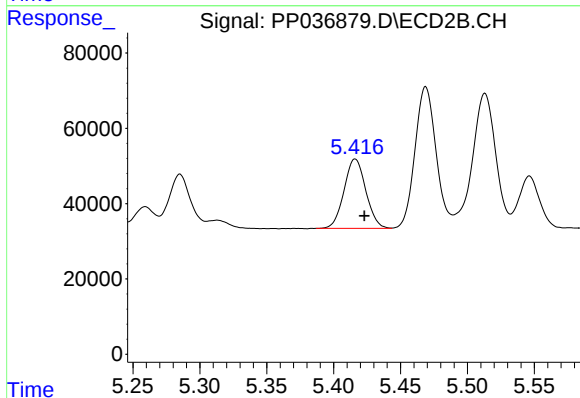
R.T.: 5.225 min  
Delta R.T.: -0.008 min  
Response: 305904  
Conc: 250.78 ng/ml



#18 AR-1242-3

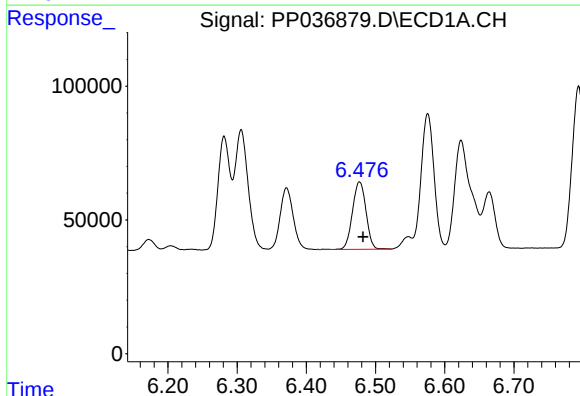
R.T.: 6.371 min  
Delta R.T.: -0.003 min  
Response: 301907  
Conc: 257.35 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1248CCC500



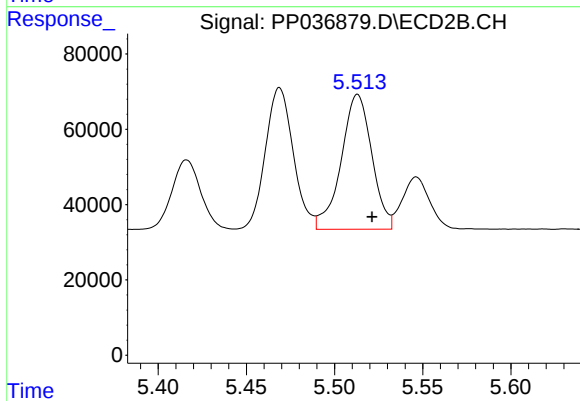
#18 AR-1242-3

R.T.: 5.416 min  
Delta R.T.: -0.007 min  
Response: 208985  
Conc: 310.58 ng/ml



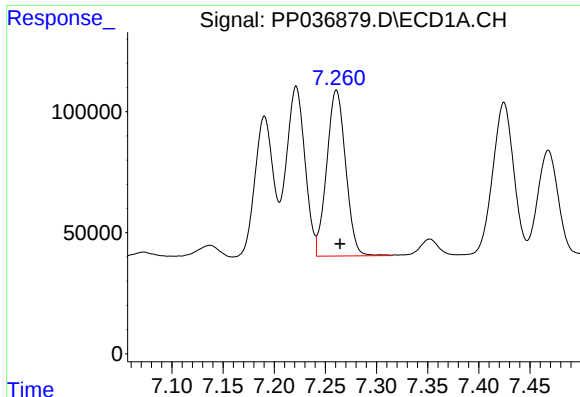
#19 AR-1242-4

R.T.: 6.477 min  
Delta R.T.: -0.005 min  
Response: 342666  
Conc: 354.08 ng/ml



#19 AR-1242-4

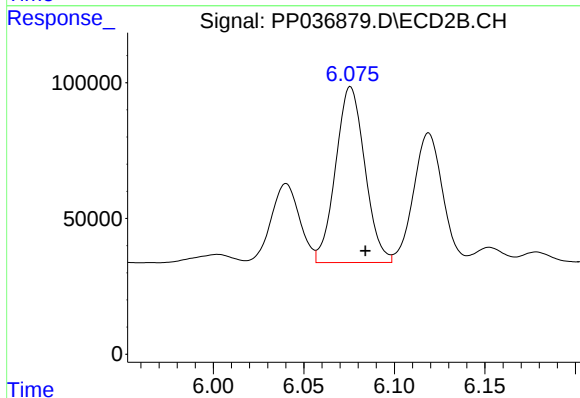
R.T.: 5.513 min  
Delta R.T.: -0.008 min  
Response: 433803  
Conc: 670.04 ng/ml



#20 AR-1242-5

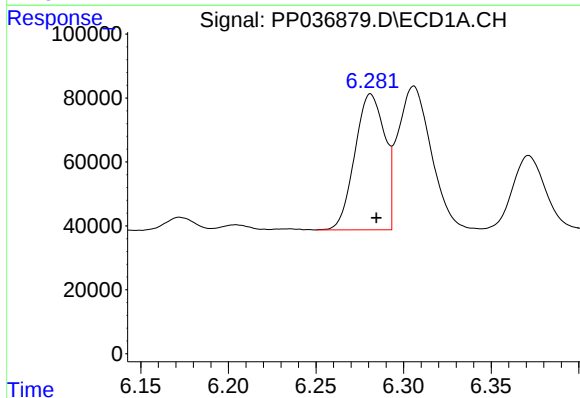
R.T.: 7.261 min  
Delta R.T.: -0.003 min  
Response: 883189  
Conc: 839.63 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1248CCC500



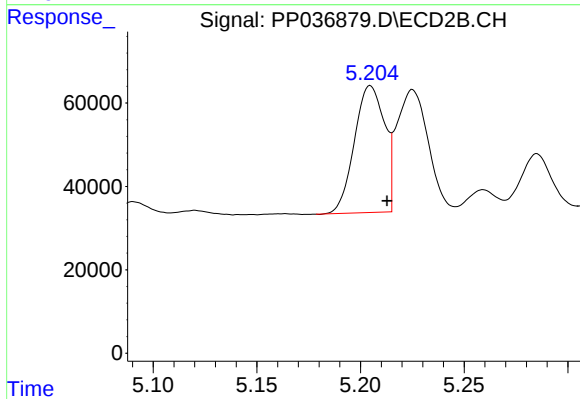
#20 AR-1242-5

R.T.: 6.076 min  
Delta R.T.: -0.008 min  
Response: 727343  
Conc: 891.46 ng/ml



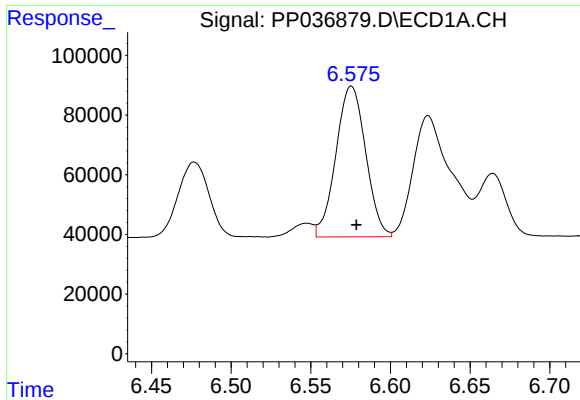
#21 AR-1248-1

R.T.: 6.281 min  
Delta R.T.: -0.003 min  
Response: 504255  
Conc: 499.84 ng/ml



#21 AR-1248-1

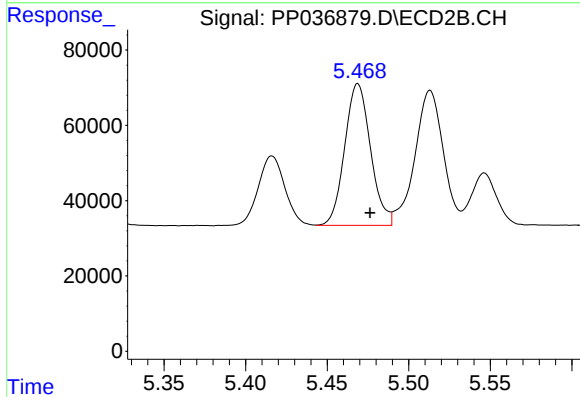
R.T.: 5.205 min  
Delta R.T.: -0.008 min  
Response: 308219  
Conc: 442.36 ng/ml



#22 AR-1248-2

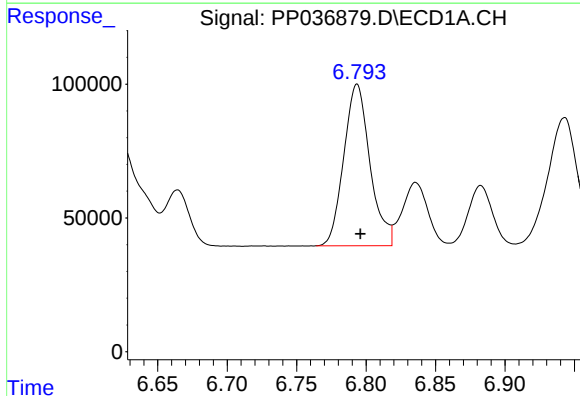
R.T.: 6.575 min  
Delta R.T.: -0.003 min  
Response: 657095  
Conc: 483.85 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1248CCC500



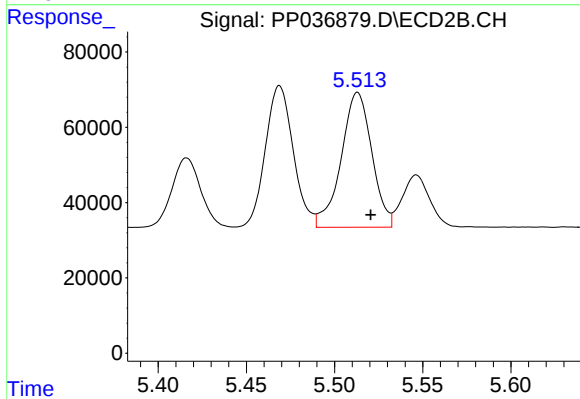
#22 AR-1248-2

R.T.: 5.469 min  
Delta R.T.: -0.007 min  
Response: 414588  
Conc: 437.71 ng/ml



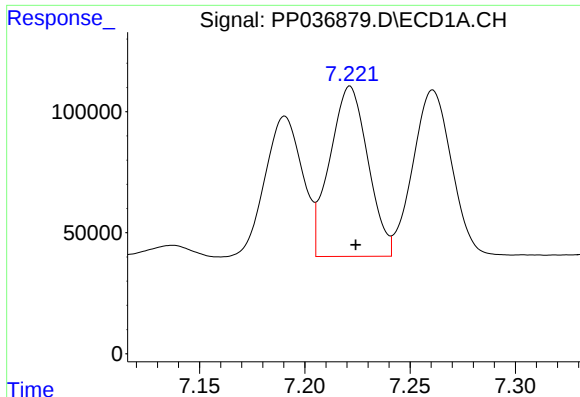
#23 AR-1248-3

R.T.: 6.794 min  
Delta R.T.: -0.002 min  
Response: 792561  
Conc: 487.11 ng/ml



#23 AR-1248-3

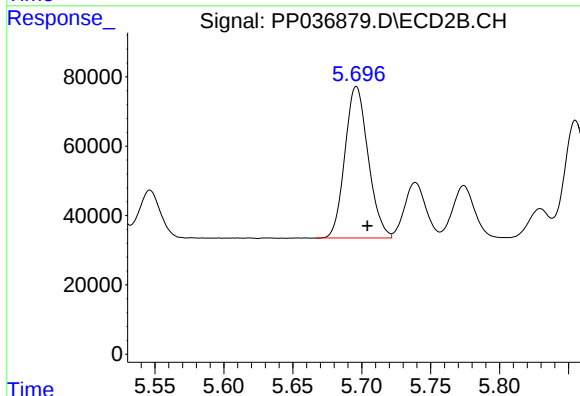
R.T.: 5.513 min  
Delta R.T.: -0.007 min  
Response: 433803  
Conc: 438.43 ng/ml



#24 AR-1248-4

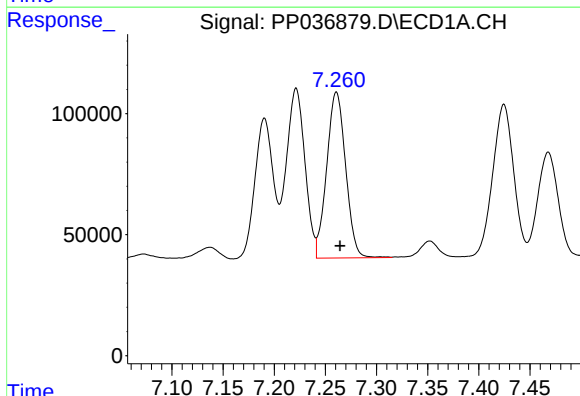
R.T.: 7.221 min  
Delta R.T.: -0.003 min  
Response: 887087  
Conc: 485.88 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1248CCC500



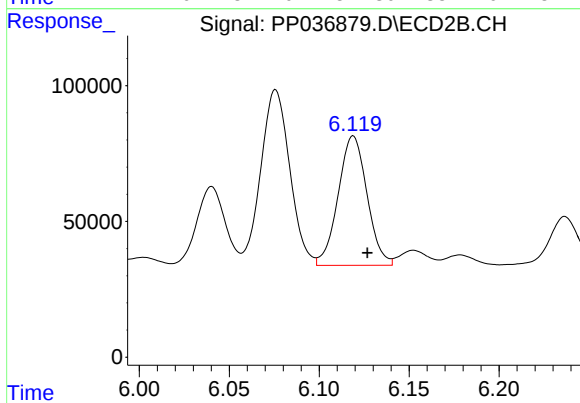
#24 AR-1248-4

R.T.: 5.696 min  
Delta R.T.: -0.008 min  
Response: 512509  
Conc: 438.14 ng/ml



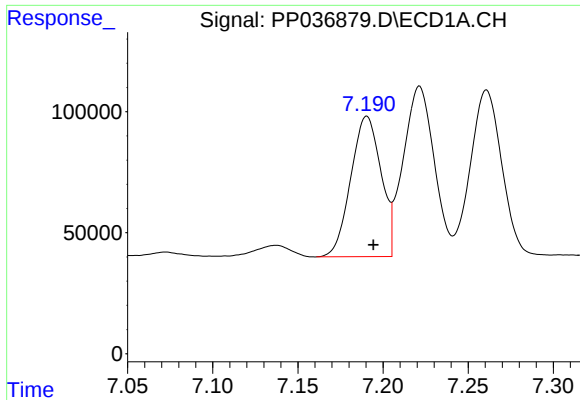
#25 AR-1248-5

R.T.: 7.261 min  
Delta R.T.: -0.004 min  
Response: 883189  
Conc: 489.83 ng/ml



#25 AR-1248-5

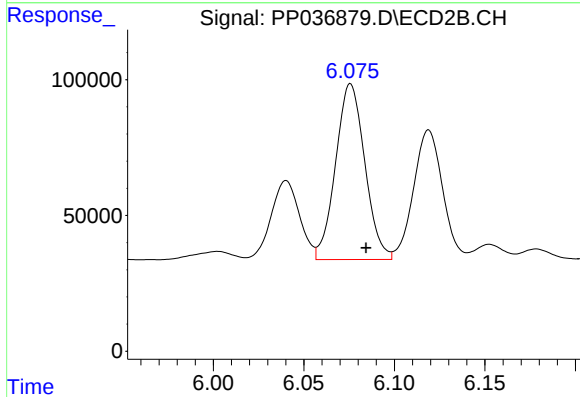
R.T.: 6.119 min  
Delta R.T.: -0.008 min  
Response: 532261  
Conc: 448.72 ng/ml



#26 AR-1254-1

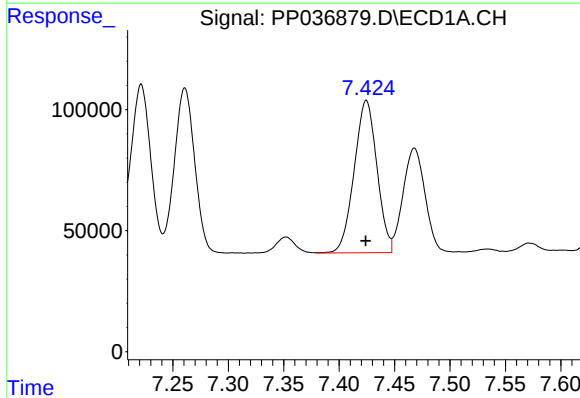
R.T.: 7.190 min  
Delta R.T.: -0.004 min  
Response: 717555  
Conc: 408.01 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1248CCC500



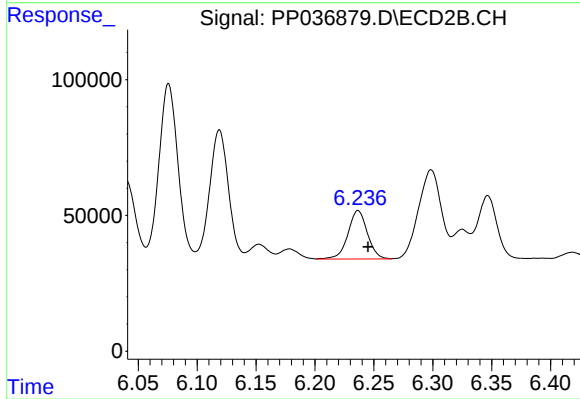
#26 AR-1254-1

R.T.: 6.076 min  
Delta R.T.: -0.009 min  
Response: 727343  
Conc: 429.27 ng/ml



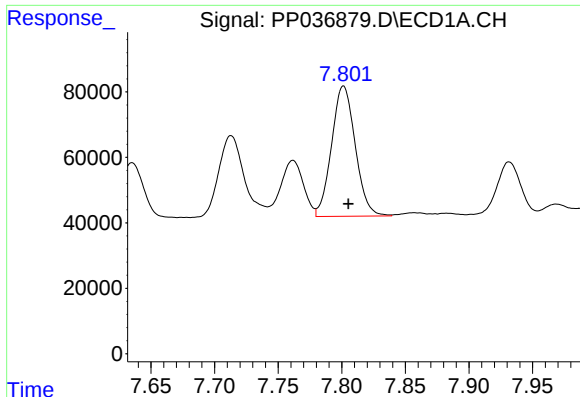
#27 AR-1254-2

R.T.: 7.425 min  
Delta R.T.: 0.000 min  
Response: 898031  
Conc: 331.90 ng/ml



#27 AR-1254-2

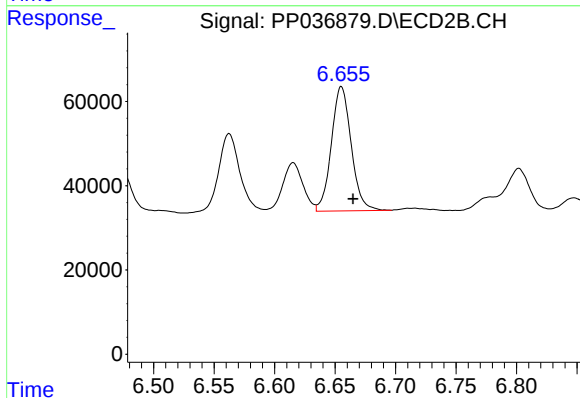
R.T.: 6.237 min  
Delta R.T.: -0.008 min  
Response: 204436  
Conc: 137.45 ng/ml



#28 AR-1254-3

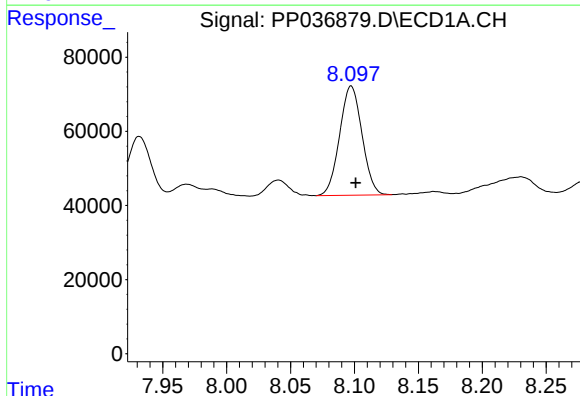
R.T.: 7.801 min  
Delta R.T.: -0.004 min  
Response: 516545  
Conc: 174.39 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1248CCC500



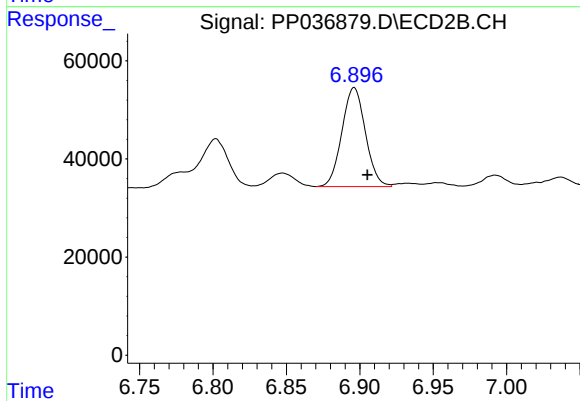
#28 AR-1254-3

R.T.: 6.655 min  
Delta R.T.: -0.010 min  
Response: 337542  
Conc: 138.84 ng/ml



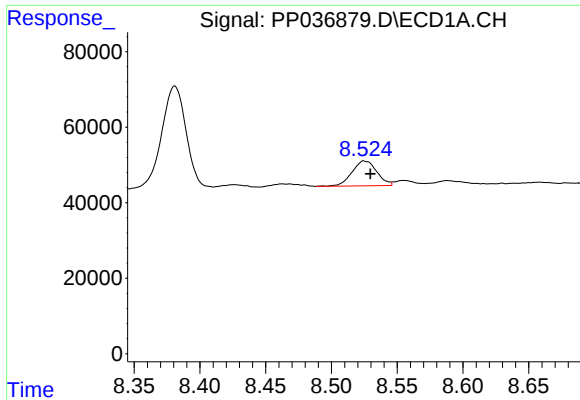
#29 AR-1254-4

R.T.: 8.097 min  
Delta R.T.: -0.004 min  
Response: 359831  
Conc: 163.68 ng/ml



#29 AR-1254-4

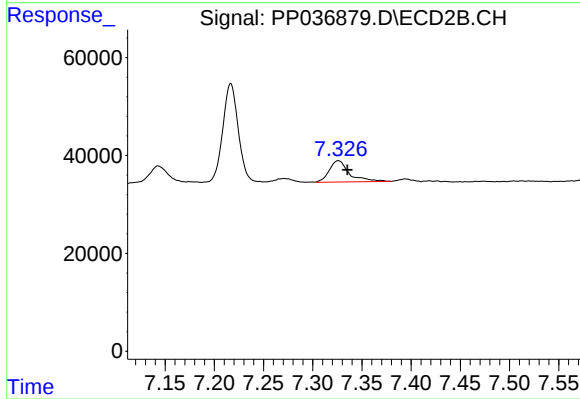
R.T.: 6.896 min  
Delta R.T.: -0.009 min  
Response: 225400  
Conc: 145.66 ng/ml



#30 AR-1254-5

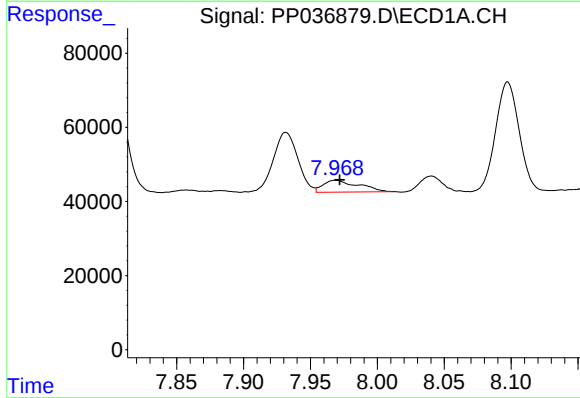
R.T.: 8.525 min  
Delta R.T.: -0.005 min  
Response: 86921  
Conc: 36.55 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1248CCC500



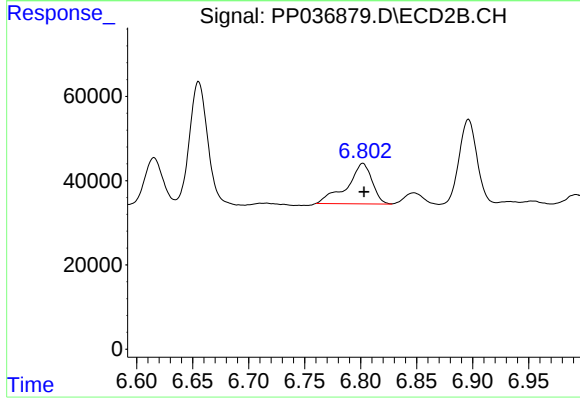
#30 AR-1254-5

R.T.: 7.326 min  
Delta R.T.: -0.009 min  
Response: 61588  
Conc: 28.64 ng/ml



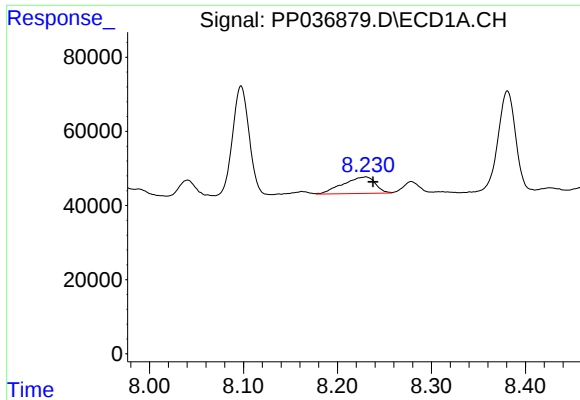
#31 AR-1260-1

R.T.: 7.969 min  
Delta R.T.: -0.003 min  
Response: 58674  
Conc: 27.03 ng/ml



#31 AR-1260-1

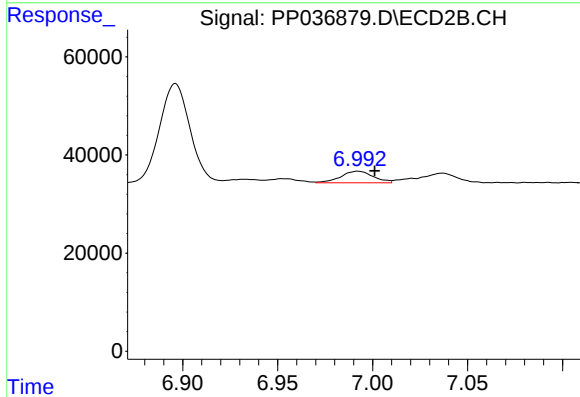
R.T.: 6.802 min  
Delta R.T.: -0.001 min  
Response: 149771  
Conc: 93.02 ng/ml



#32 AR-1260-2

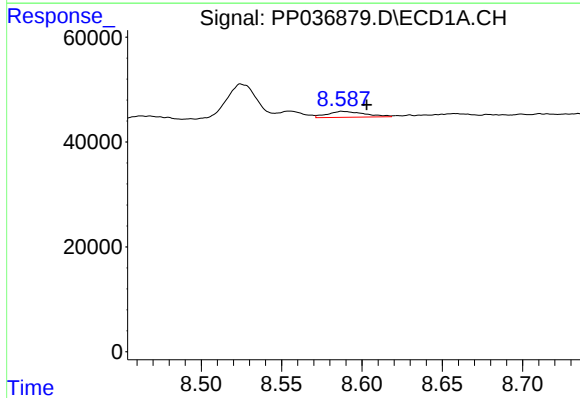
R.T.: 8.230 min  
Delta R.T.: -0.008 min  
Response: 106241  
Conc: 41.45 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1248CCC500



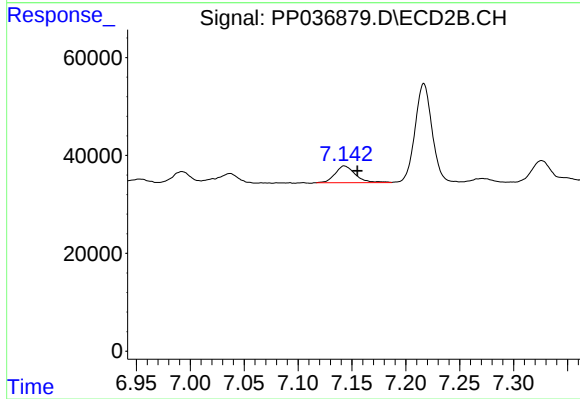
#32 AR-1260-2

R.T.: 6.992 min  
Delta R.T.: -0.009 min  
Response: 28144  
Conc: 14.51 ng/ml



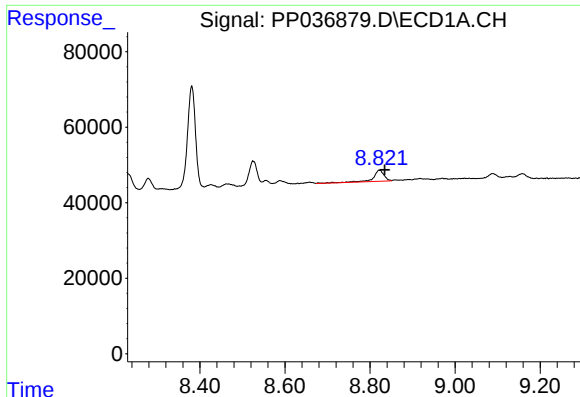
#33 AR-1260-3

R.T.: 8.588 min  
Delta R.T.: -0.015 min  
Response: 18019  
Conc: 8.99 ng/ml



#33 AR-1260-3

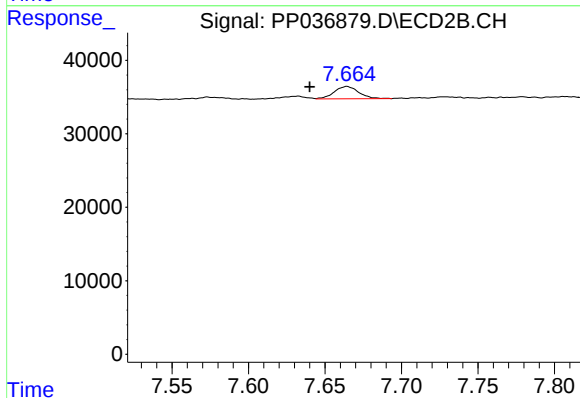
R.T.: 7.143 min  
Delta R.T.: -0.012 min  
Response: 44829  
Conc: 24.65 ng/ml



#34 AR-1260-4

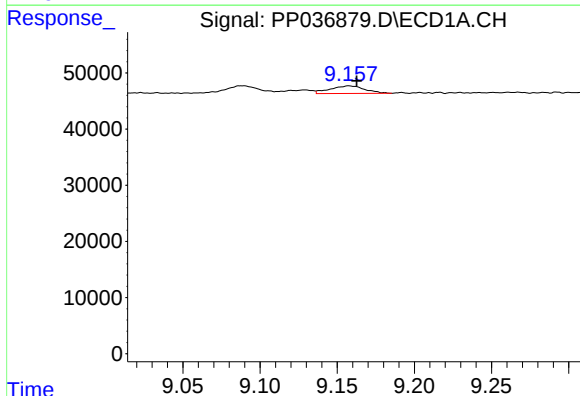
R.T.: 8.822 min  
Delta R.T.: -0.012 min  
Response: 53710  
Conc: 22.67 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1248CCC500



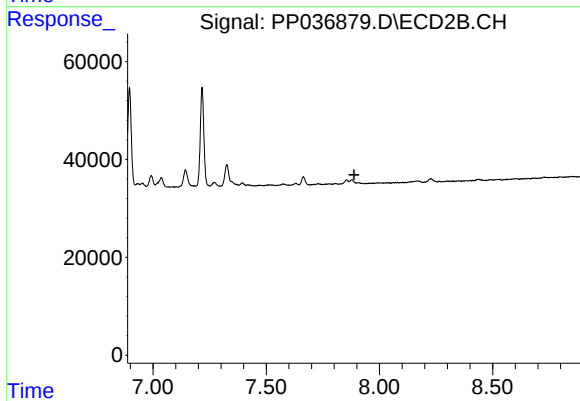
#34 AR-1260-4

R.T.: 7.664 min  
Delta R.T.: 0.024 min  
Response: 18616  
Conc: 12.00 ng/ml



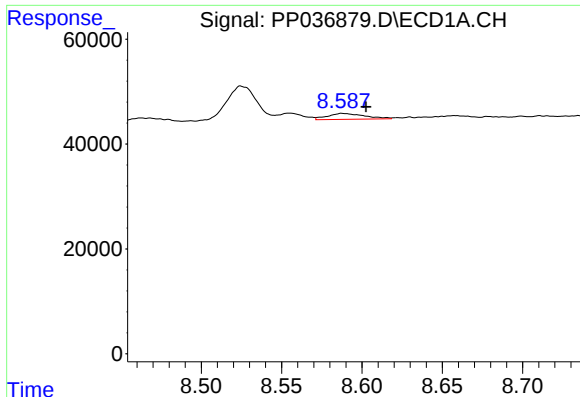
#35 AR-1260-5

R.T.: 9.158 min  
Delta R.T.: -0.005 min  
Response: 21019  
Conc: 4.71 ng/ml



#35 AR-1260-5

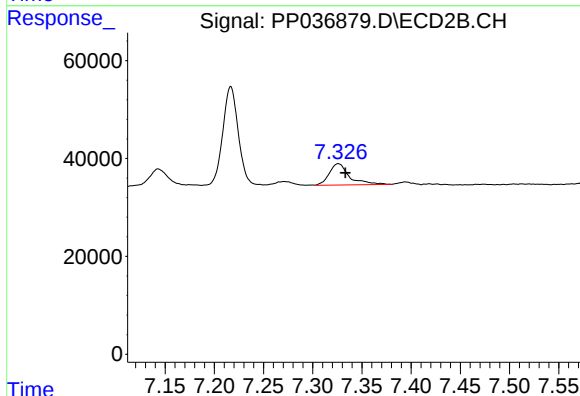
R.T.: 0.000 min  
Exp R.T.: 7.888 min  
Response: 0  
Conc: N.D.



#36 AR-1262-1

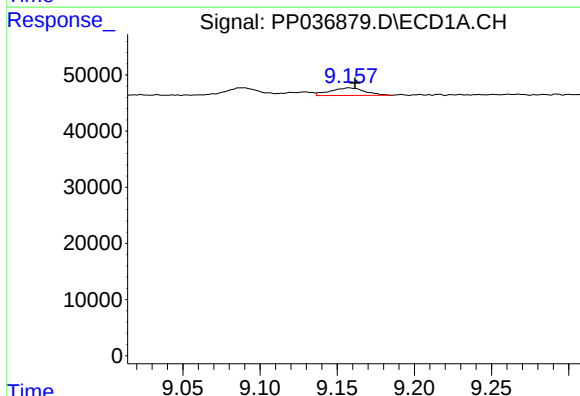
R.T.: 8.588 min  
Delta R.T.: -0.014 min  
Response: 18019  
Conc: 6.32 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1248CCC500



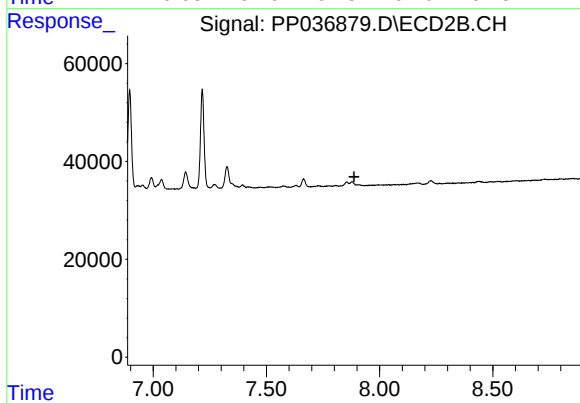
#36 AR-1262-1

R.T.: 7.326 min  
Delta R.T.: -0.007 min  
Response: 61588  
Conc: 51.67 ng/ml



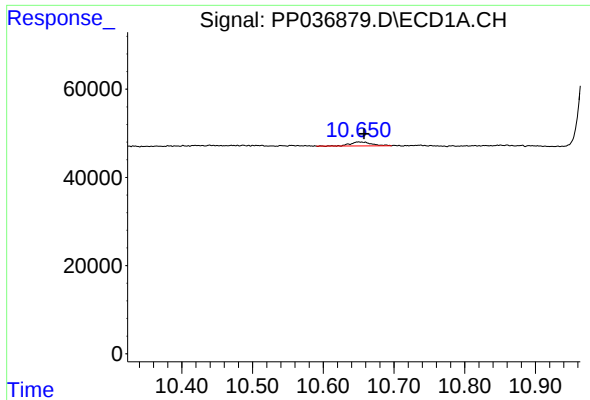
#37 AR-1262-2

R.T.: 9.158 min  
Delta R.T.: -0.004 min  
Response: 21019  
Conc: 4.14 ng/ml



#37 AR-1262-2

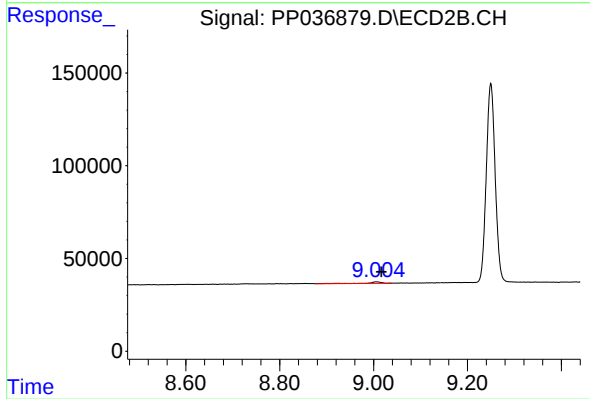
R.T.: 0.000 min  
Exp R.T.: 7.887 min  
Response: 0  
Conc: N.D.



#45 AR-1268-5

R.T.: 10.650 min  
Delta R.T.: -0.008 min  
Response: 19133  
Conc: 1.24 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1248CCC500



#45 AR-1268-5

R.T.: 9.006 min  
Delta R.T.: -0.011 min  
Response: 13779  
Conc: 1.17 ng/ml