

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP082621\  
 Data File : PP038979.D  
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
 Acq On : 26 Aug 2021 22:20  
 Operator : AJ\MA  
 Sample : AR1248CCC500  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 AR1248CCC500

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Aug 27 02:25:37 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP082521.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Thu Aug 26 09:31:39 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... | 4.876  | 3.862  | 2052738 | 1313762 | 53.777   | 54.514     |
| 2)                          | SA Decachlor... | 10.854 | 9.117  | 1314954 | 1219615 | 54.614   | 53.938     |
| Target Compounds            |                 |        |        |         |         |          |            |
| 3)                          | L1 AR-1016-1    | 6.195  | 5.105  | 377637  | 254361  | 327.553  | 294.141    |
| 4)                          | L1 AR-1016-2    | 6.219  | 5.124  | 453297  | 258517  | 271.317  | 213.862    |
| 5)                          | L1 AR-1016-3    | 6.284  | 5.314  | 223083  | 172879  | 221.410  | 267.795    |
| 6)                          | L1 AR-1016-4    | 6.390  | 5.368  | 242978  | 352155  | 293.658  | 722.123 #  |
| 7)                          | L1 AR-1016-5    | 6.706  | 5.593  | 524380  | 425690  | 733.517  | 675.277    |
| 9)                          | L2 AR-1221-2    | 5.226  | 4.210  | 30598   | 18907   | 91.854   | 94.474     |
| 10)                         | L2 AR-1221-3    | 5.312  | 4.300  | 35356   | 21342   | 35.370   | 32.436     |
| 11)                         | L3 AR-1232-1    | 5.312  | 4.300  | 35356   | 21342   | 38.680   | 35.752     |
| 12)                         | L3 AR-1232-2    | 5.900  | 5.124  | 174109  | 258517  | 407.031  | 477.826    |
| 13)                         | L3 AR-1232-3    | 6.219  | 5.314  | 453297  | 172879  | 584.532  | 619.690    |
| 14)                         | L3 AR-1232-4    | 6.390  | 5.411  | 242978  | 361608  | 632.650  | 1581.352 # |
| 15)                         | L3 AR-1232-5    | 6.489  | 5.593  | 453256  | 425690  | 1857.581 | 1691.389   |
| 16)                         | L4 AR-1242-1    | 6.195  | 5.105  | 377637  | 254361  | 400.714  | 386.360    |
| 17)                         | L4 AR-1242-2    | 6.219  | 5.124  | 453297  | 258517  | 338.237  | 279.880    |
| 18)                         | L4 AR-1242-3    | 6.284  | 5.314  | 223083  | 172879  | 268.740  | 355.670 #  |
| 19)                         | L4 AR-1242-4    | 6.390  | 5.411  | 242978  | 361608  | 357.828  | 802.586 #  |
| 20)                         | L4 AR-1242-5    | 7.175  | 5.971  | 586296  | 678621  | 924.235  | 1190.339 # |
| 21)                         | L5 AR-1248-1    | 6.195  | 5.105  | 377637  | 254361  | 533.977  | 536.280    |
| 22)                         | L5 AR-1248-2    | 6.489  | 5.368  | 453256  | 352155  | 524.582  | 540.323    |
| 23)                         | L5 AR-1248-3    | 6.706  | 5.411  | 524380  | 361608  | 540.430  | 534.832    |
| 24)                         | L5 AR-1248-4    | 7.134  | 5.593  | 611963  | 425690  | 582.348  | 524.637    |
| 25)                         | L5 AR-1248-5    | 7.175  | 6.013  | 586296  | 514913  | 567.351  | 626.027    |
| 26)                         | L6 AR-1254-1    | 7.104  | 5.971  | 555213  | 678621  | 532.112  | 550.770    |
| 27)                         | L6 AR-1254-2    | 7.337  | 6.132  | 529600  | 206507  | 349.802  | 189.936 #  |
| 28)                         | L6 AR-1254-3    | 7.715  | 6.548  | 376856  | 349253  | 244.603  | 201.045    |
| 29)                         | L6 AR-1254-4    | 8.012  | 6.788  | 270453  | 179222  | 241.431  | 161.441 #  |
| 30)                         | L6 AR-1254-5    | 8.440  | 7.215  | 36734   | 50271   | 32.537   | 33.152     |
| 31)                         | L7 AR-1260-1    | 7.882  | 6.693  | 128068  | 134962  | 134.357  | 123.136    |
| 32)                         | L7 AR-1260-2    | 8.135  | 6.884  | 120770  | 15454   | 100.269  | 11.615 #   |
| 33)                         | L7 AR-1260-3    | 8.508  | 7.034  | 7295    | 56419   | 8.274    | 40.827 #   |
| 34)                         | L7 AR-1260-4    | 8.738  | 0.000  | 26058   | 0       | 25.748   | N.D. #     |
| 35)                         | L7 AR-1260-5    | 9.069  | 7.743f | 15478   | -2129   | 7.143    | N.D. #     |
| 36)                         | L8 AR-1262-1    | 8.508  | 7.215  | 7295    | 50271   | 5.462    | 58.817 #   |
| 37)                         | L8 AR-1262-2    | 9.069  | 7.743f | 15478   | -2129   | 6.068    | N.D. #     |
| 45)                         | L9 AR-1268-5    | 10.533 | 0.000  | 14042   | 0       | 1.443    | N.D. #     |
| -----                       |                 |        |        |         |         |          |            |

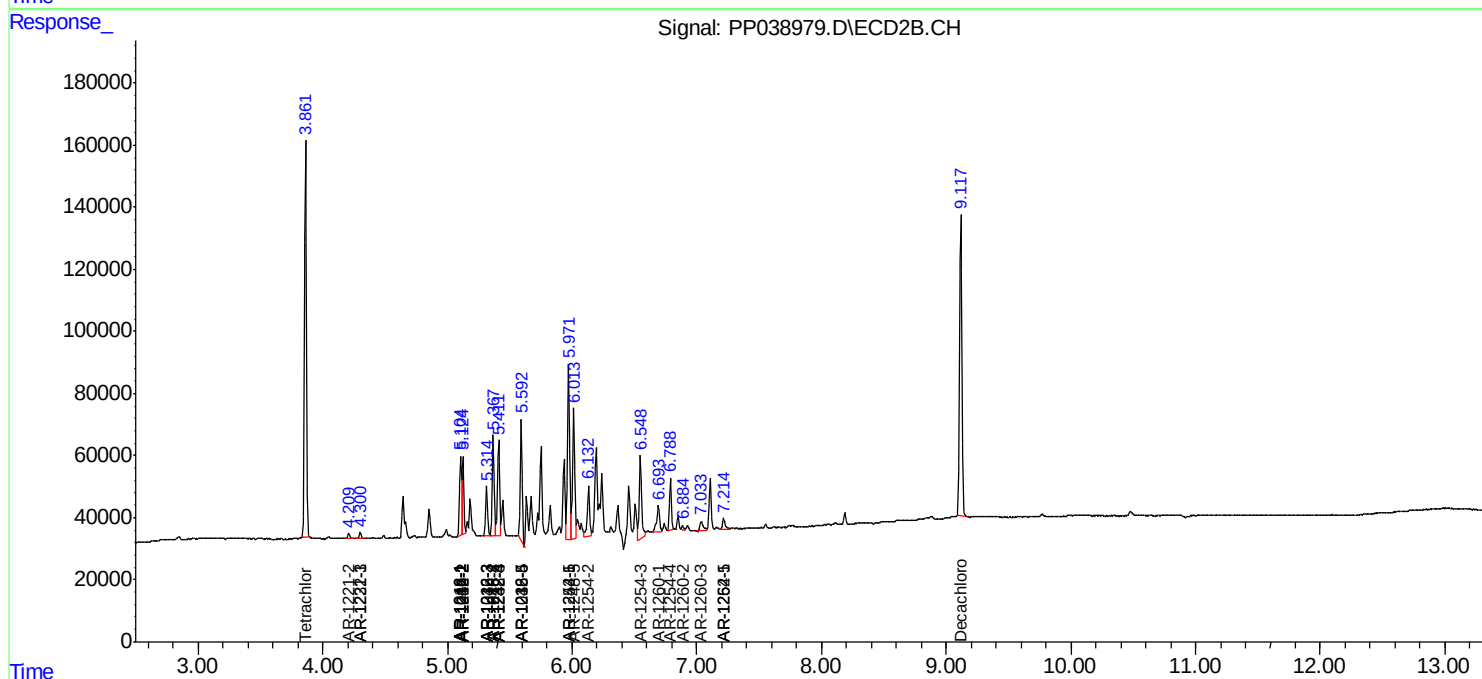
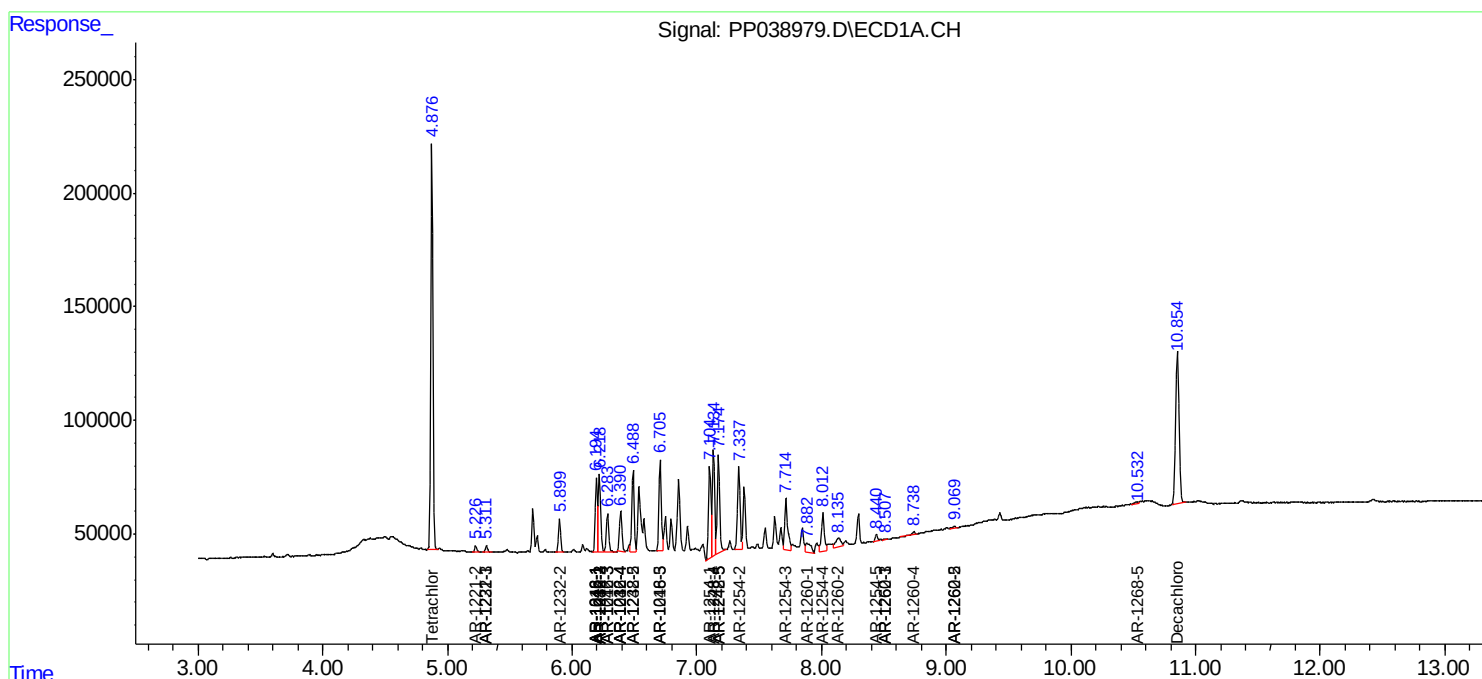
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

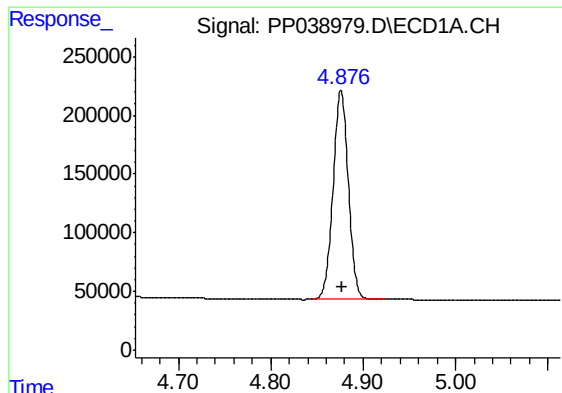
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP082621\  
Data File : PP038979.D  
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
Acq On : 26 Aug 2021 22:20  
Operator : AJ\MA  
Sample : AR1248CCC500  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampled :  
AR1248CCC500

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Aug 27 02:25:37 2021  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP082521.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Thu Aug 26 09:31:39 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

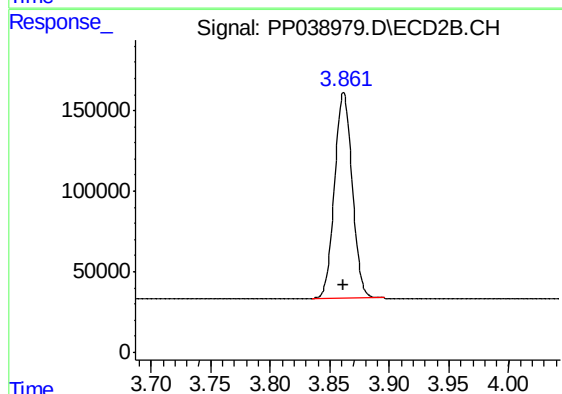




#1 Tetrachloro-m-xylene

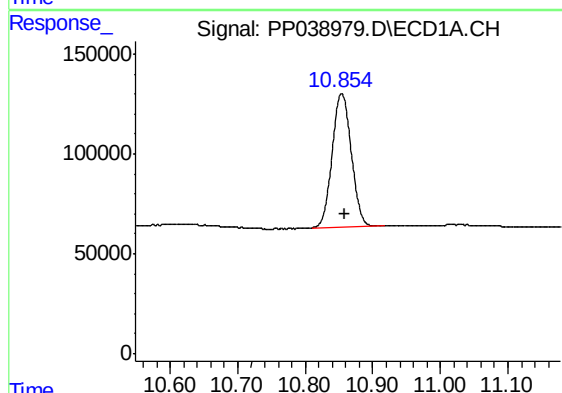
R.T.: 4.876 min  
Delta R.T.: 0.000 min  
Response: 2052738  
Conc: 53.78 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
AR1248CCC500



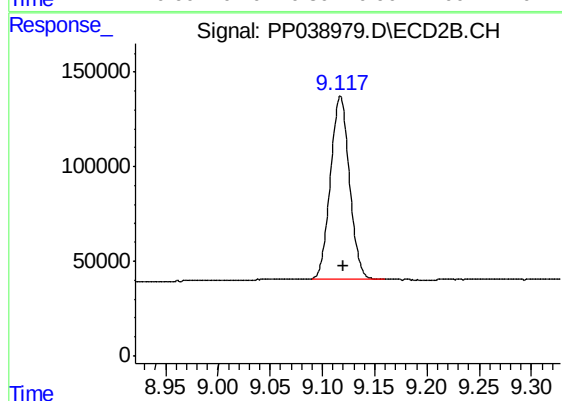
#1 Tetrachloro-m-xylene

R.T.: 3.862 min  
Delta R.T.: 0.000 min  
Response: 1313762  
Conc: 54.51 ng/ml



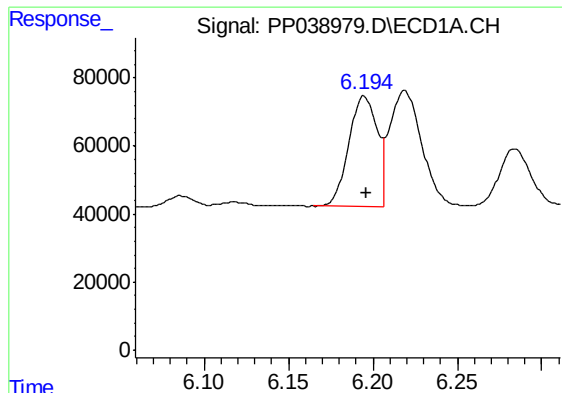
#2 Decachlorobiphenyl

R.T.: 10.854 min  
Delta R.T.: -0.005 min  
Response: 1314954  
Conc: 54.61 ng/ml



#2 Decachlorobiphenyl

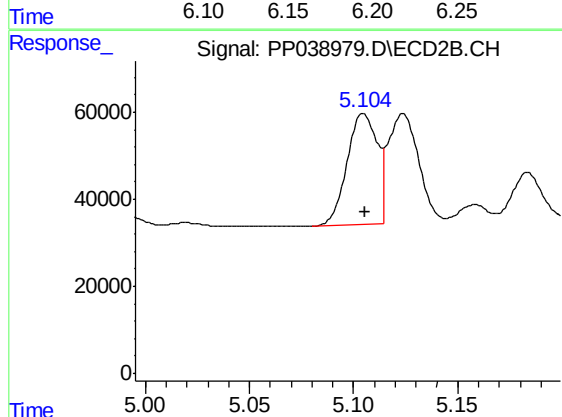
R.T.: 9.117 min  
Delta R.T.: -0.003 min  
Response: 1219615  
Conc: 53.94 ng/ml



#3 AR-1016-1

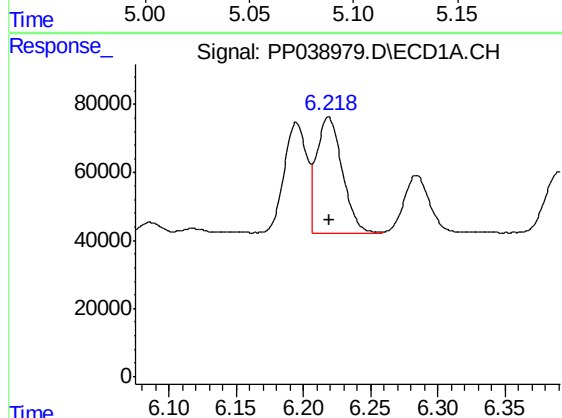
R.T.: 6.195 min  
Delta R.T.: -0.001 min  
Response: 377637  
Conc: 327.55 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
AR1248CCC500



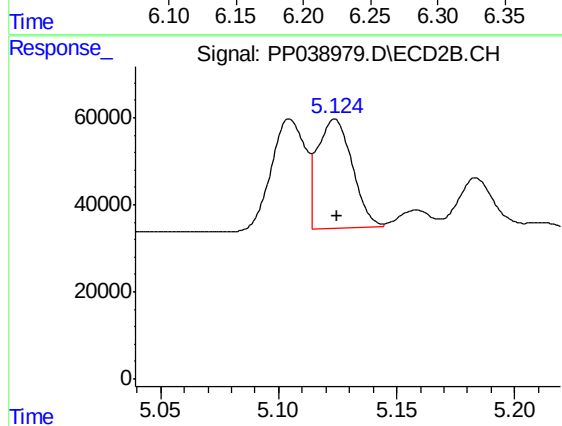
#3 AR-1016-1

R.T.: 5.105 min  
Delta R.T.: 0.000 min  
Response: 254361  
Conc: 294.14 ng/ml



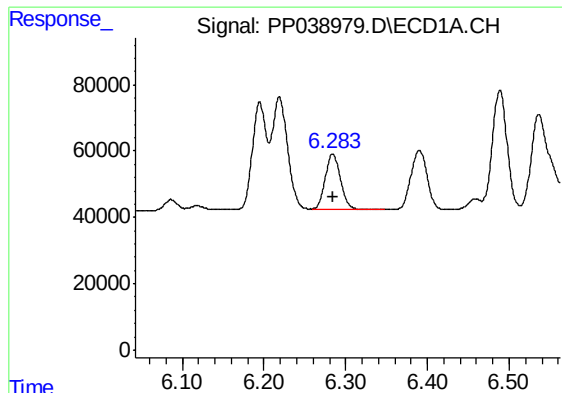
#4 AR-1016-2

R.T.: 6.219 min  
Delta R.T.: 0.000 min  
Response: 453297  
Conc: 271.32 ng/ml



#4 AR-1016-2

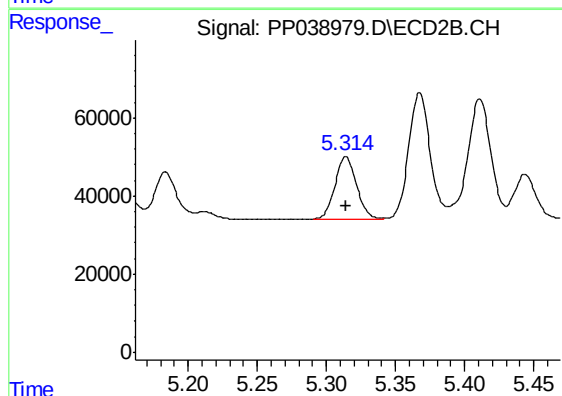
R.T.: 5.124 min  
Delta R.T.: 0.000 min  
Response: 258517  
Conc: 213.86 ng/ml



#5 AR-1016-3

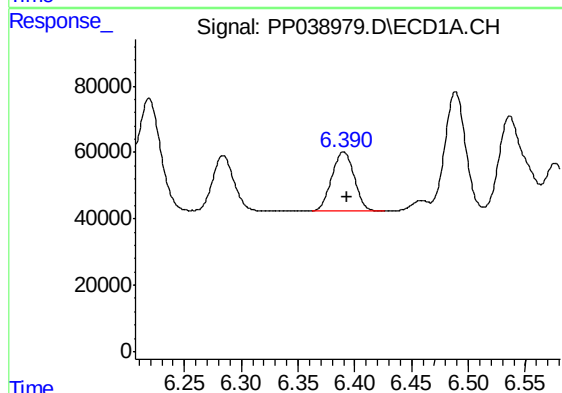
R.T.: 6.284 min  
Delta R.T.: -0.002 min  
Response: 223083  
Conc: 221.41 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
AR1248CCC500



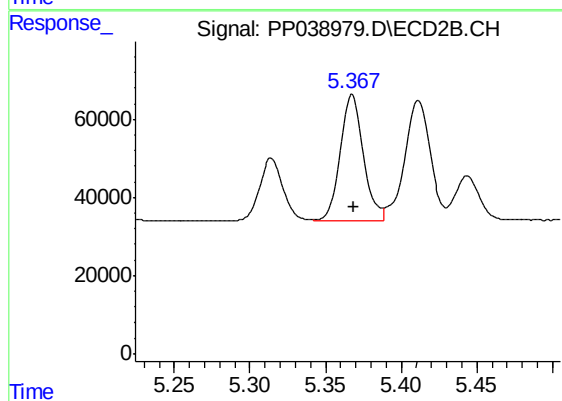
#5 AR-1016-3

R.T.: 5.314 min  
Delta R.T.: 0.000 min  
Response: 172879  
Conc: 267.80 ng/ml



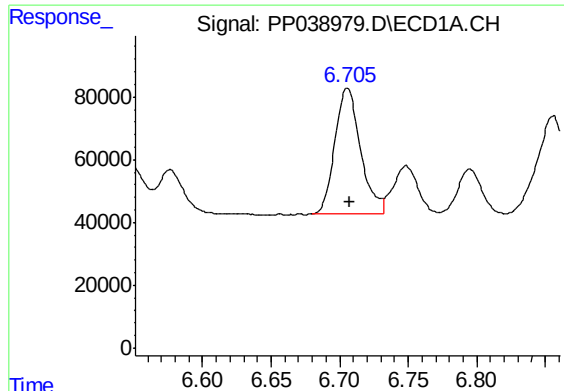
#6 AR-1016-4

R.T.: 6.390 min  
Delta R.T.: -0.003 min  
Response: 242978  
Conc: 293.66 ng/ml



#6 AR-1016-4

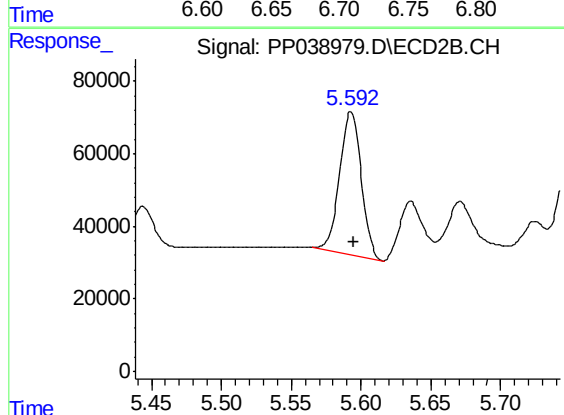
R.T.: 5.368 min  
Delta R.T.: 0.000 min  
Response: 352155  
Conc: 722.12 ng/ml



#7 AR-1016-5

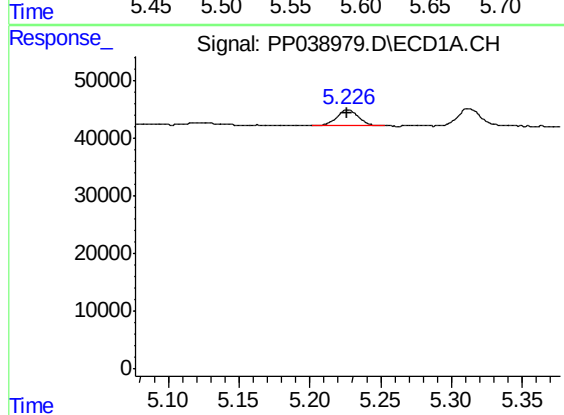
R.T.: 6.706 min  
Delta R.T.: -0.001 min  
Response: 524380  
Conc: 733.52 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
AR1248CCC500



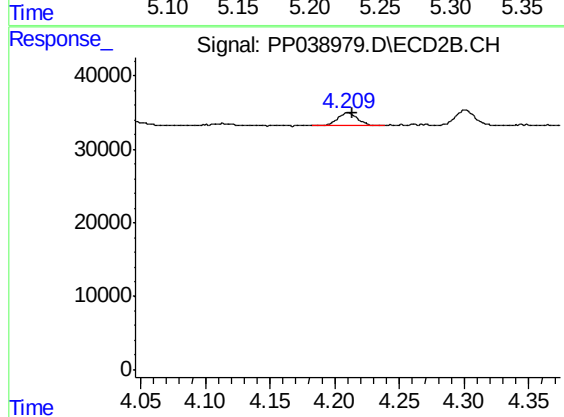
#7 AR-1016-5

R.T.: 5.593 min  
Delta R.T.: -0.002 min  
Response: 425690  
Conc: 675.28 ng/ml



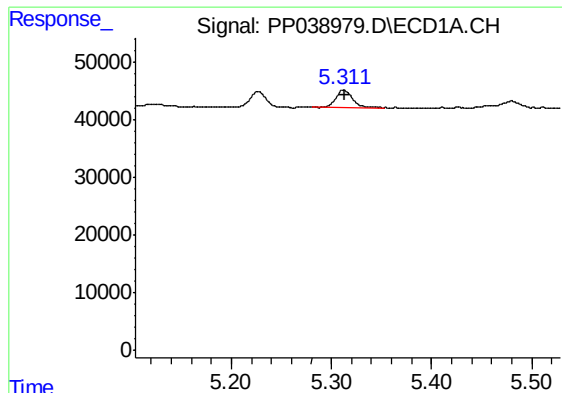
#9 AR-1221-2

R.T.: 5.226 min  
Delta R.T.: 0.000 min  
Response: 30598  
Conc: 91.85 ng/ml



#9 AR-1221-2

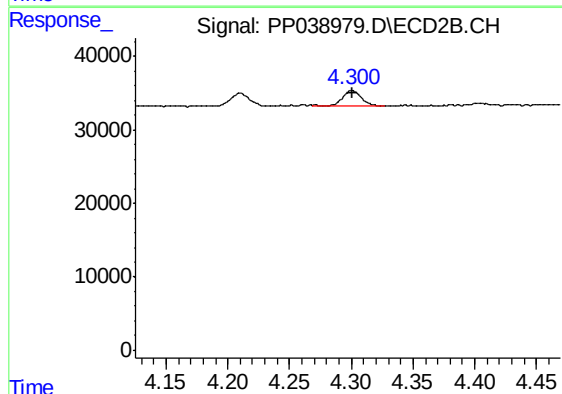
R.T.: 4.210 min  
Delta R.T.: -0.005 min  
Response: 18907  
Conc: 94.47 ng/ml



#10 AR-1221-3

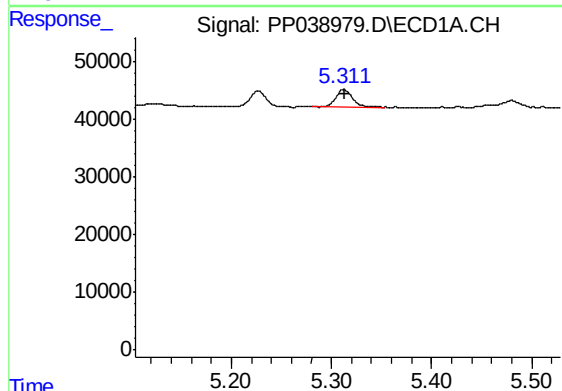
R.T.: 5.312 min  
Delta R.T.: -0.002 min  
Response: 35356  
Conc: 35.37 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
AR1248CCC500



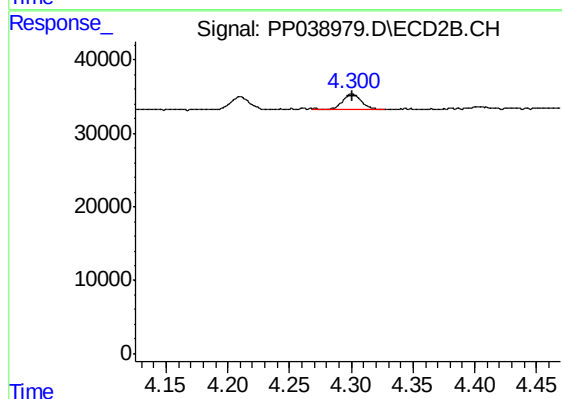
#10 AR-1221-3

R.T.: 4.300 min  
Delta R.T.: 0.000 min  
Response: 21342  
Conc: 32.44 ng/ml



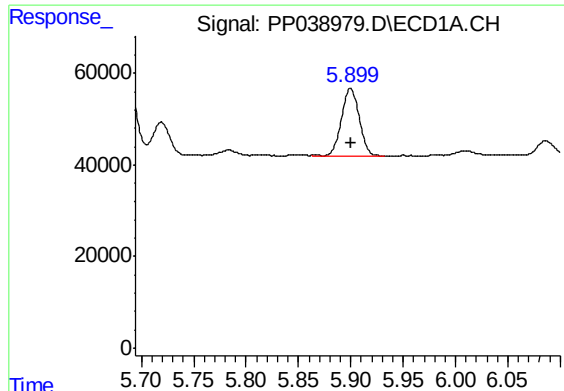
#11 AR-1232-1

R.T.: 5.312 min  
Delta R.T.: -0.002 min  
Response: 35356  
Conc: 38.68 ng/ml



#11 AR-1232-1

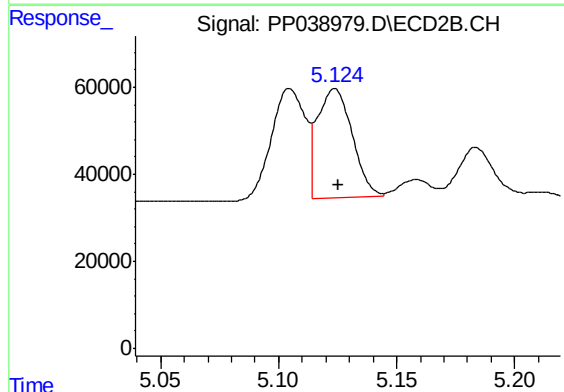
R.T.: 4.300 min  
Delta R.T.: 0.000 min  
Response: 21342  
Conc: 35.75 ng/ml



#12 AR-1232-2

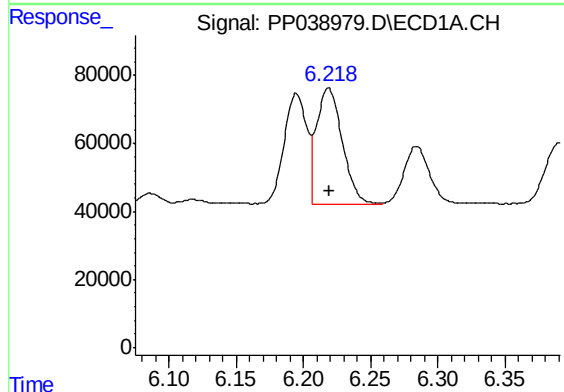
R.T.: 5.900 min  
Delta R.T.: -0.001 min  
Response: 174109  
Conc: 407.03 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
AR1248CCC500



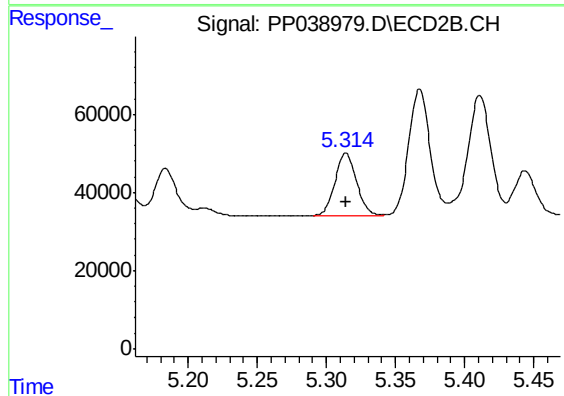
#12 AR-1232-2

R.T.: 5.124 min  
Delta R.T.: -0.001 min  
Response: 258517  
Conc: 477.83 ng/ml



#13 AR-1232-3

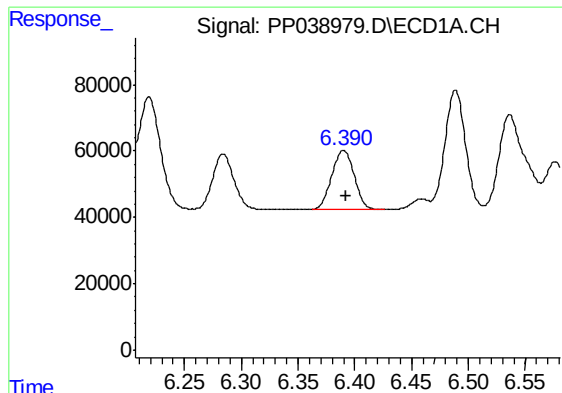
R.T.: 6.219 min  
Delta R.T.: 0.000 min  
Response: 453297  
Conc: 584.53 ng/ml



#13 AR-1232-3

R.T.: 5.314 min  
Delta R.T.: 0.000 min  
Response: 172879  
Conc: 619.69 ng/ml

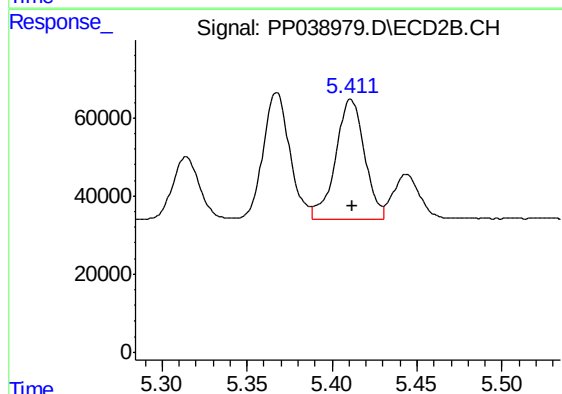




#14 AR-1232-4

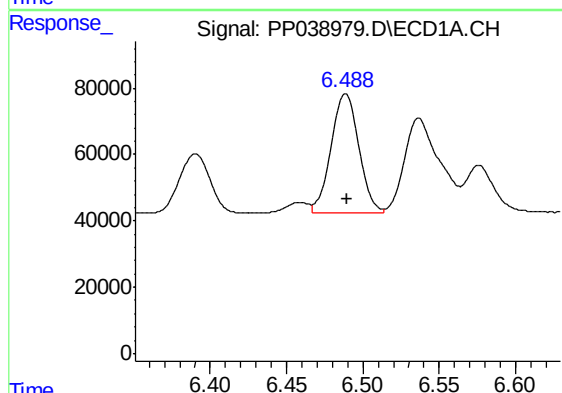
R.T.: 6.390 min  
Delta R.T.: -0.002 min  
Response: 242978  
Conc: 632.65 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
AR1248CCC500



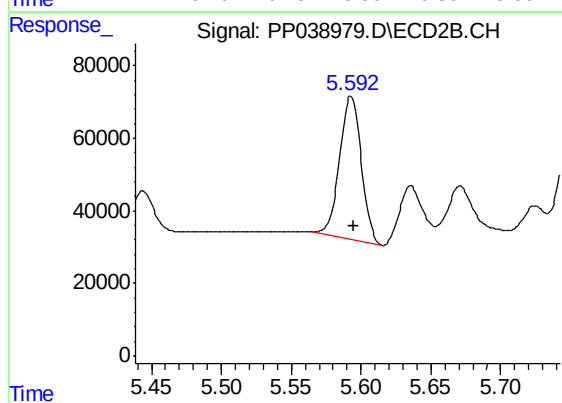
#14 AR-1232-4

R.T.: 5.411 min  
Delta R.T.: -0.001 min  
Response: 361608  
Conc: 1581.35 ng/ml



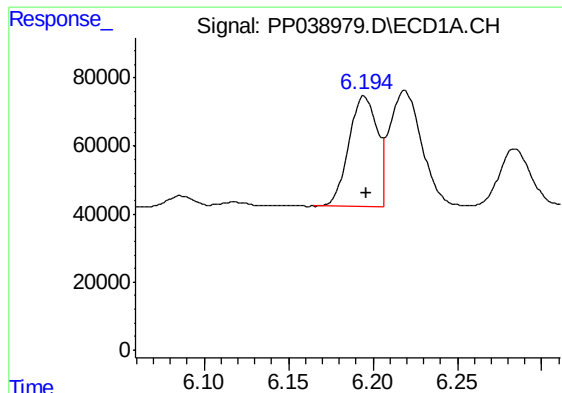
#15 AR-1232-5

R.T.: 6.489 min  
Delta R.T.: -0.001 min  
Response: 453256  
Conc: 1857.58 ng/ml



#15 AR-1232-5

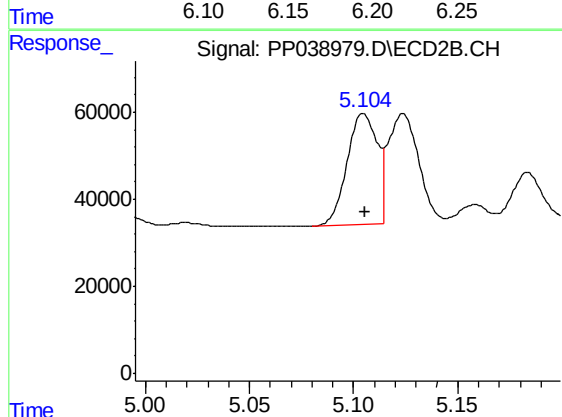
R.T.: 5.593 min  
Delta R.T.: -0.002 min  
Response: 425690  
Conc: 1691.39 ng/ml



#16 AR-1242-1

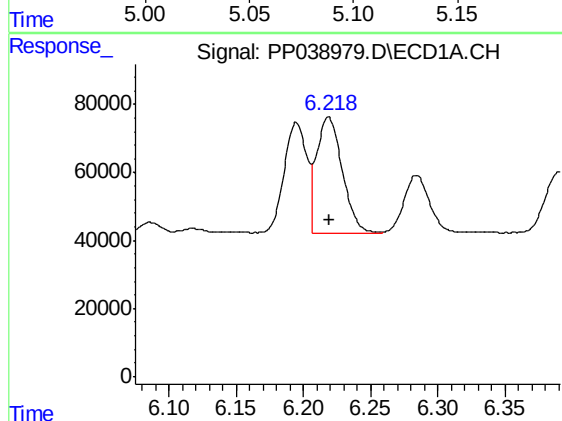
R.T.: 6.195 min  
Delta R.T.: -0.002 min  
Response: 377637  
Conc: 400.71 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
AR1248CCC500



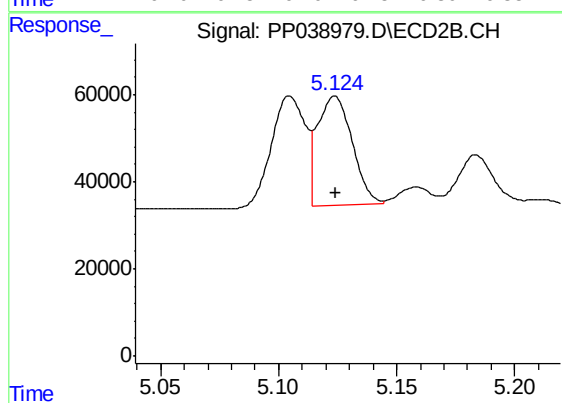
#16 AR-1242-1

R.T.: 5.105 min  
Delta R.T.: 0.000 min  
Response: 254361  
Conc: 386.36 ng/ml



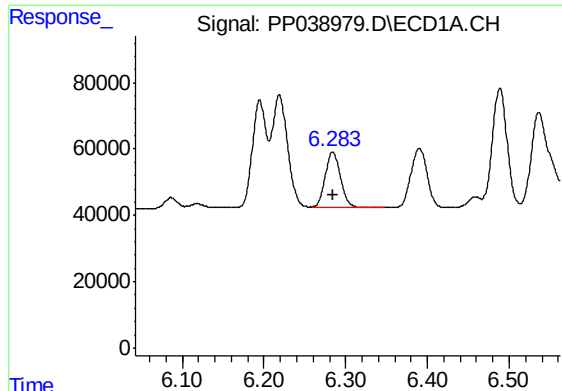
#17 AR-1242-2

R.T.: 6.219 min  
Delta R.T.: 0.000 min  
Response: 453297  
Conc: 338.24 ng/ml



#17 AR-1242-2

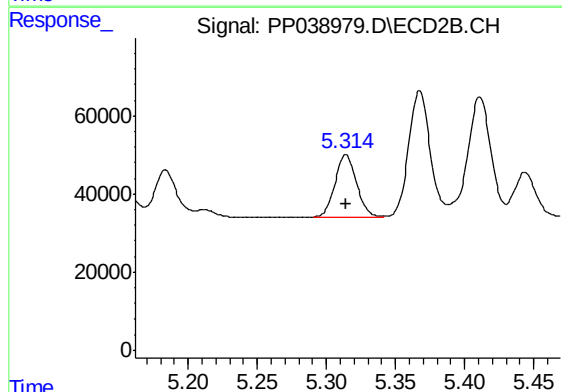
R.T.: 5.124 min  
Delta R.T.: 0.000 min  
Response: 258517  
Conc: 279.88 ng/ml



#18 AR-1242-3

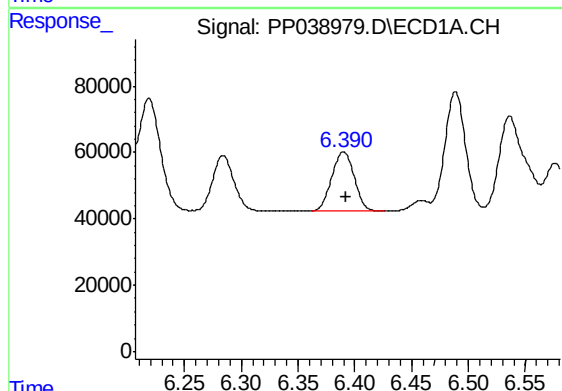
R.T.: 6.284 min  
Delta R.T.: 0.000 min  
Response: 223083  
Conc: 268.74 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
AR1248CCC500



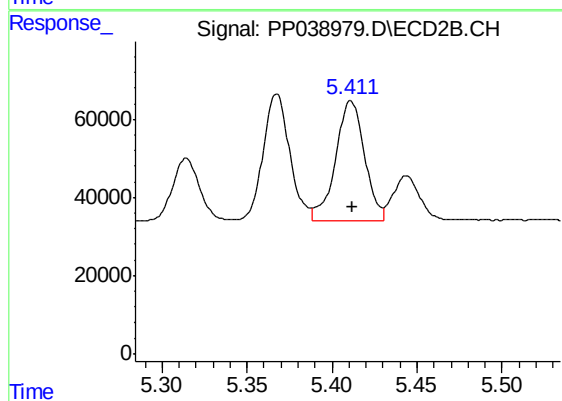
#18 AR-1242-3

R.T.: 5.314 min  
Delta R.T.: 0.000 min  
Response: 172879  
Conc: 355.67 ng/ml



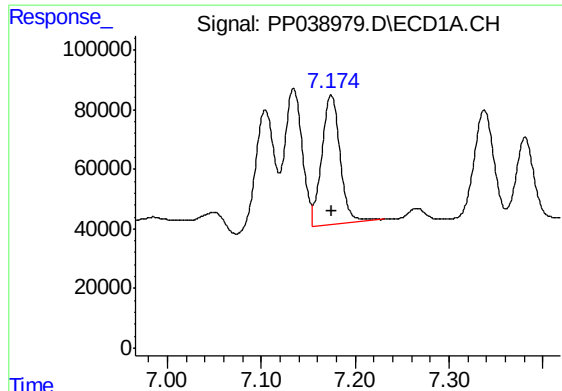
#19 AR-1242-4

R.T.: 6.390 min  
Delta R.T.: -0.002 min  
Response: 242978  
Conc: 357.83 ng/ml



#19 AR-1242-4

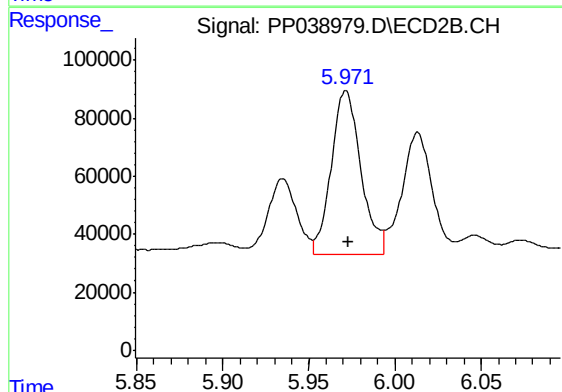
R.T.: 5.411 min  
Delta R.T.: -0.001 min  
Response: 361608  
Conc: 802.59 ng/ml



#20 AR-1242-5

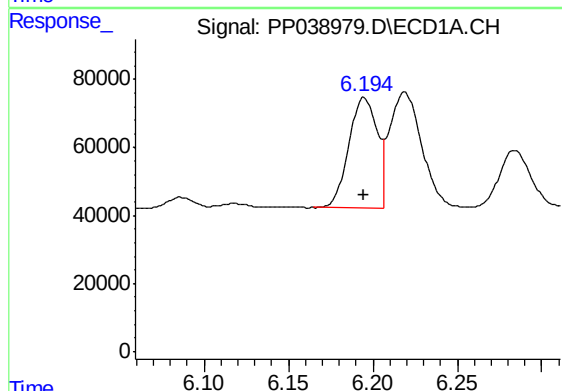
R.T.: 7.175 min  
Delta R.T.: 0.000 min  
Response: 586296  
Conc: 924.24 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
AR1248CCC500



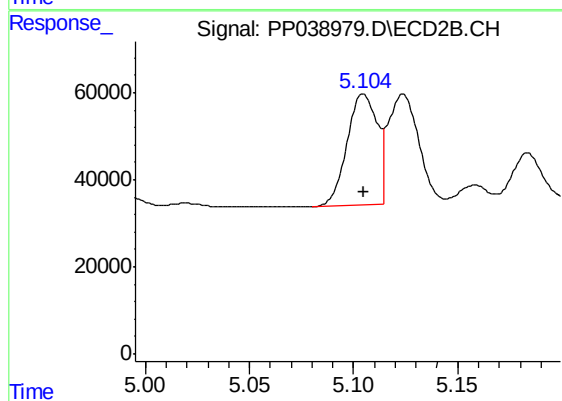
#20 AR-1242-5

R.T.: 5.971 min  
Delta R.T.: -0.001 min  
Response: 678621  
Conc: 1190.34 ng/ml



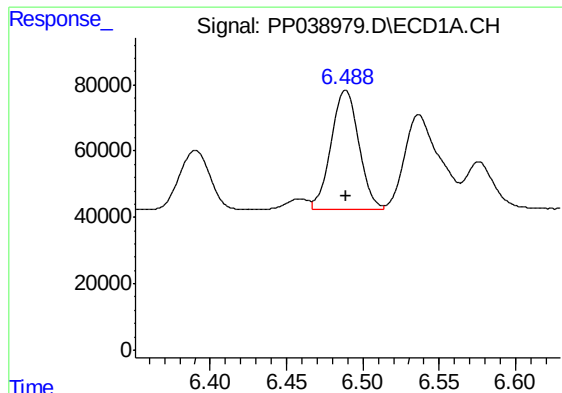
#21 AR-1248-1

R.T.: 6.195 min  
Delta R.T.: 0.000 min  
Response: 377637  
Conc: 533.98 ng/ml



#21 AR-1248-1

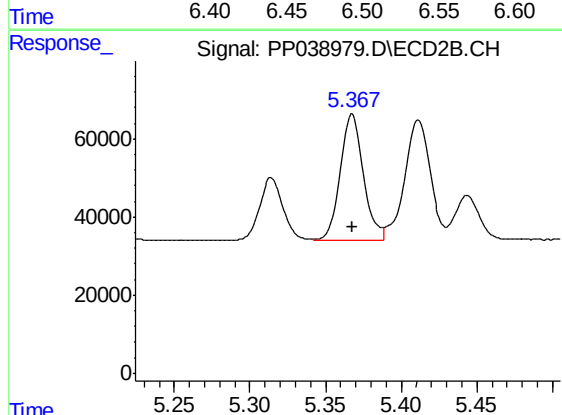
R.T.: 5.105 min  
Delta R.T.: 0.000 min  
Response: 254361  
Conc: 536.28 ng/ml



#22 AR-1248-2

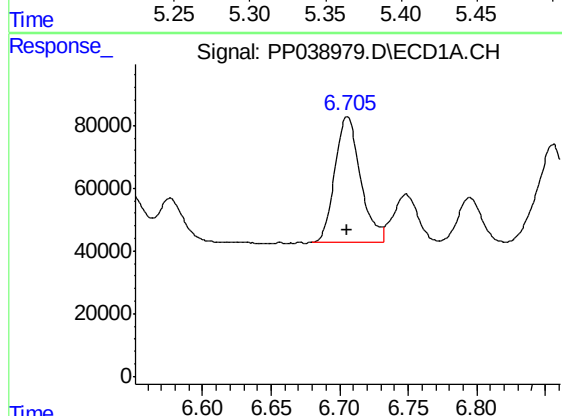
R.T.: 6.489 min  
Delta R.T.: 0.000 min  
Response: 453256  
Conc: 524.58 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
AR1248CCC500



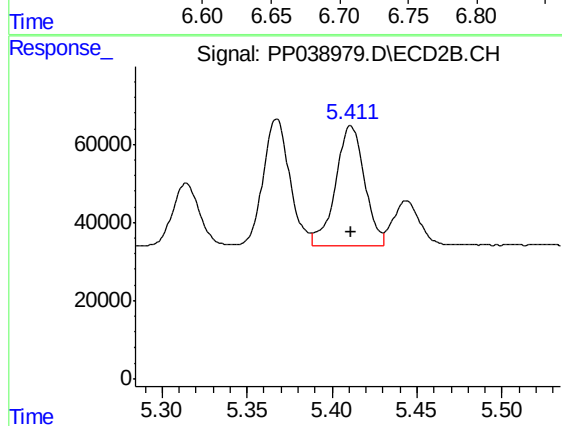
#22 AR-1248-2

R.T.: 5.368 min  
Delta R.T.: 0.000 min  
Response: 352155  
Conc: 540.32 ng/ml



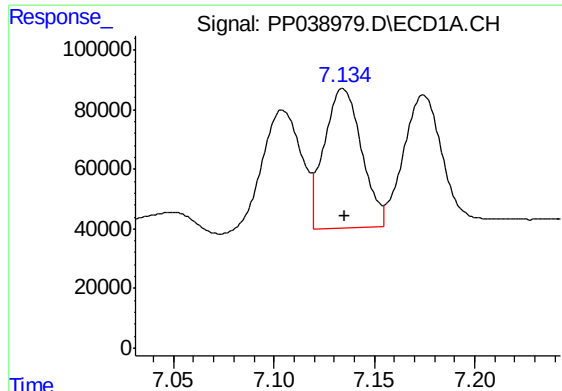
#23 AR-1248-3

R.T.: 6.706 min  
Delta R.T.: 0.000 min  
Response: 524380  
Conc: 540.43 ng/ml



#23 AR-1248-3

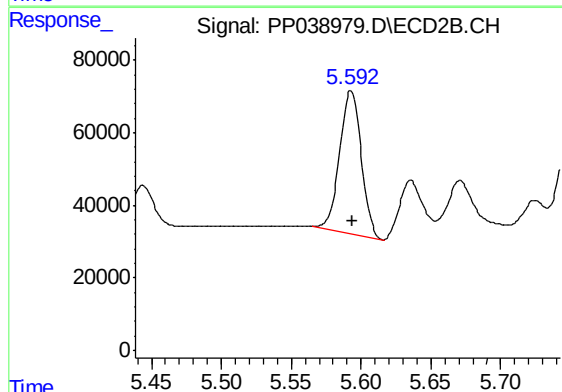
R.T.: 5.411 min  
Delta R.T.: 0.000 min  
Response: 361608  
Conc: 534.83 ng/ml



#24 AR-1248-4

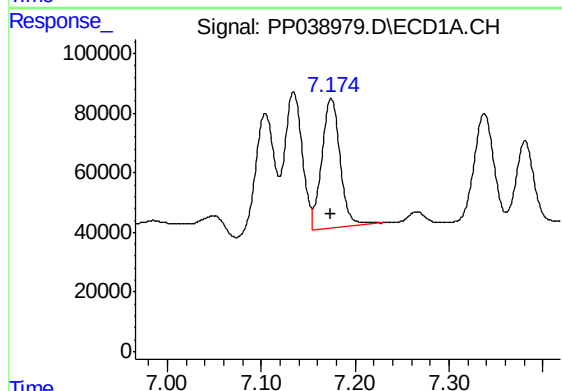
R.T.: 7.134 min  
Delta R.T.: -0.001 min  
Response: 611963  
Conc: 582.35 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
AR1248CCC500



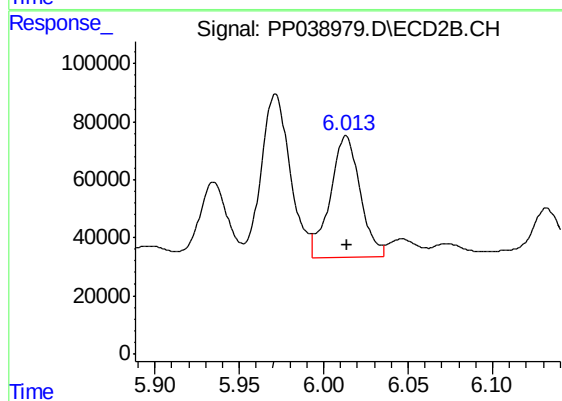
#24 AR-1248-4

R.T.: 5.593 min  
Delta R.T.: -0.001 min  
Response: 425690  
Conc: 524.64 ng/ml



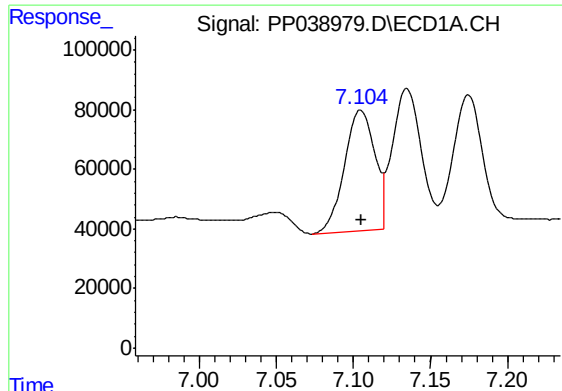
#25 AR-1248-5

R.T.: 7.175 min  
Delta R.T.: 0.000 min  
Response: 586296  
Conc: 567.35 ng/ml



#25 AR-1248-5

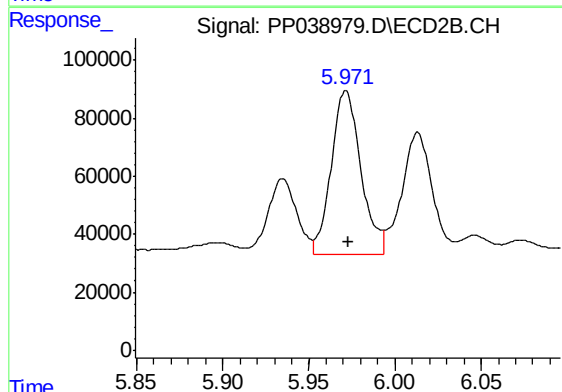
R.T.: 6.013 min  
Delta R.T.: 0.000 min  
Response: 514913  
Conc: 626.03 ng/ml



#26 AR-1254-1

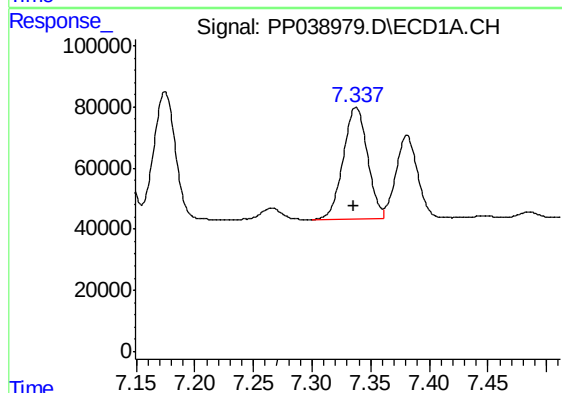
R.T.: 7.104 min  
Delta R.T.: -0.001 min  
Response: 555213  
Conc: 532.11 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
AR1248CCC500



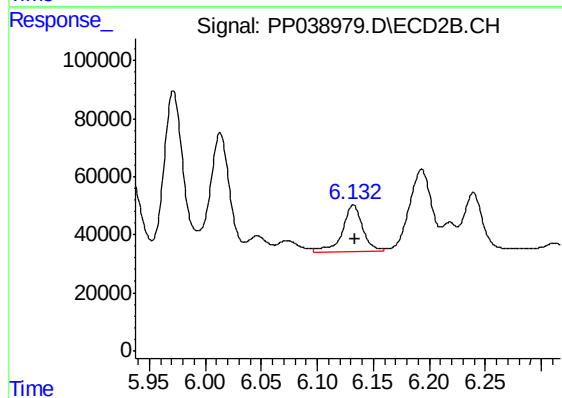
#26 AR-1254-1

R.T.: 5.971 min  
Delta R.T.: -0.002 min  
Response: 678621  
Conc: 550.77 ng/ml



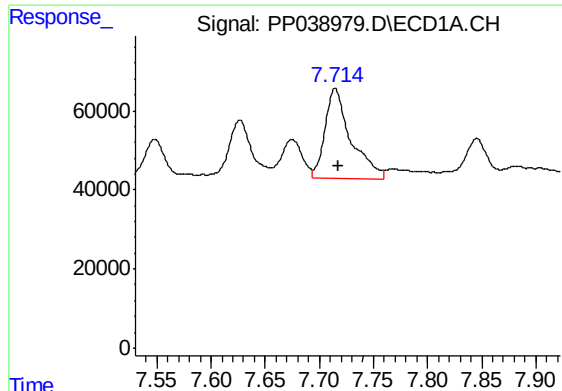
#27 AR-1254-2

R.T.: 7.337 min  
Delta R.T.: 0.002 min  
Response: 529600  
Conc: 349.80 ng/ml



#27 AR-1254-2

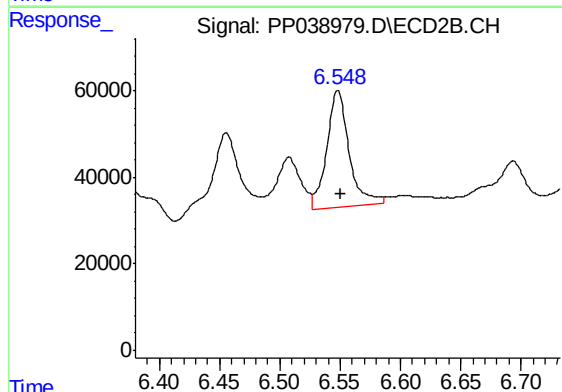
R.T.: 6.132 min  
Delta R.T.: -0.002 min  
Response: 206507  
Conc: 189.94 ng/ml



#28 AR-1254-3

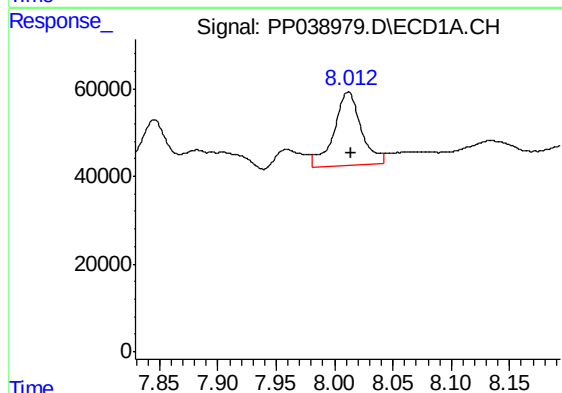
R.T.: 7.715 min  
Delta R.T.: -0.003 min  
Response: 376856  
Conc: 244.60 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
AR1248CCC500



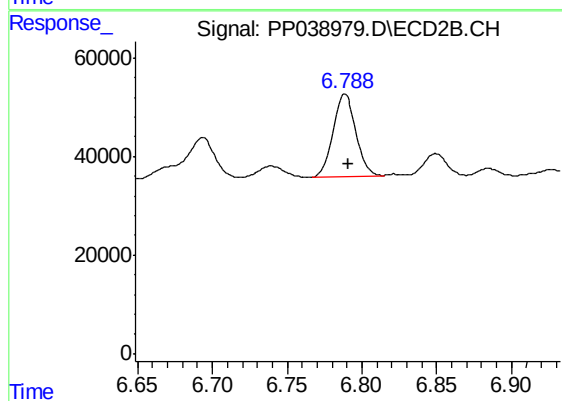
#28 AR-1254-3

R.T.: 6.548 min  
Delta R.T.: -0.002 min  
Response: 349253  
Conc: 201.04 ng/ml



#29 AR-1254-4

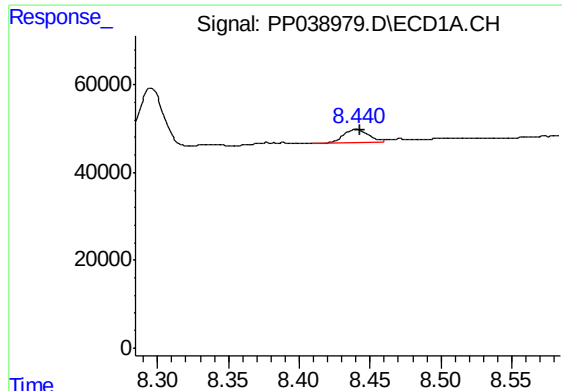
R.T.: 8.012 min  
Delta R.T.: -0.002 min  
Response: 270453  
Conc: 241.43 ng/ml



#29 AR-1254-4

R.T.: 6.788 min  
Delta R.T.: -0.002 min  
Response: 179222  
Conc: 161.44 ng/ml

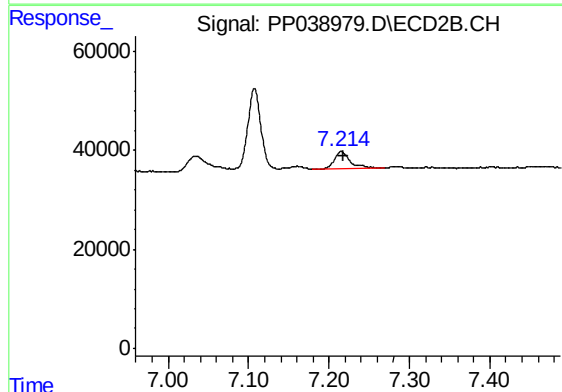




#30 AR-1254-5

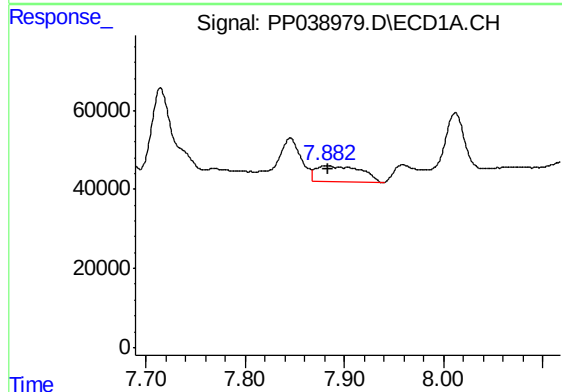
R.T.: 8.440 min  
Delta R.T.: -0.003 min  
Response: 36734  
Conc: 32.54 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
AR1248CCC500



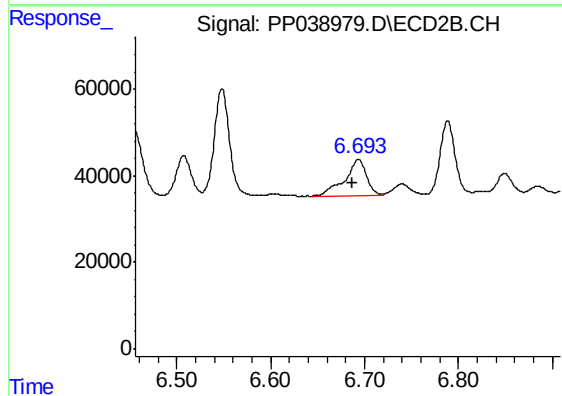
#30 AR-1254-5

R.T.: 7.215 min  
Delta R.T.: -0.003 min  
Response: 50271  
Conc: 33.15 ng/ml



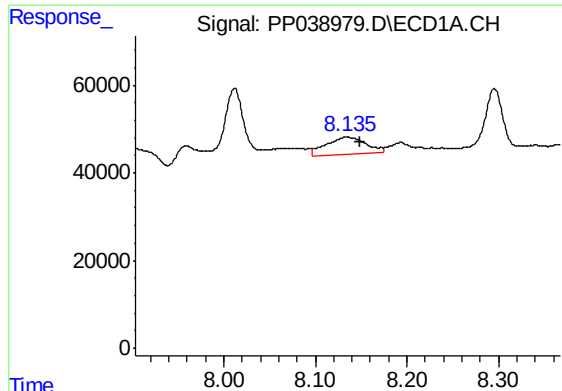
#31 AR-1260-1

R.T.: 7.882 min  
Delta R.T.: -0.001 min  
Response: 128068  
Conc: 134.36 ng/ml



#31 AR-1260-1

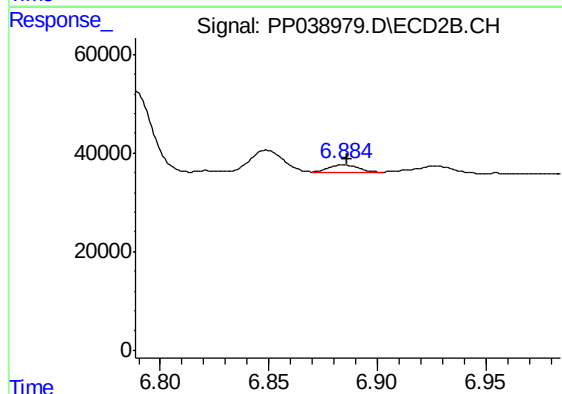
R.T.: 6.693 min  
Delta R.T.: 0.006 min  
Response: 134962  
Conc: 123.14 ng/ml



#32 AR-1260-2

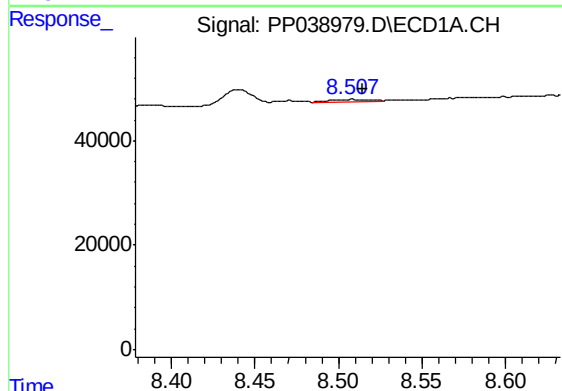
R.T.: 8.135 min  
Delta R.T.: -0.014 min  
Response: 120770  
Conc: 100.27 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
AR1248CCC500



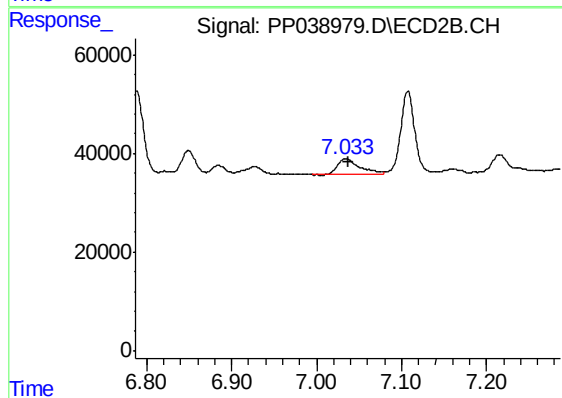
#32 AR-1260-2

R.T.: 6.884 min  
Delta R.T.: -0.002 min  
Response: 15454  
Conc: 11.62 ng/ml



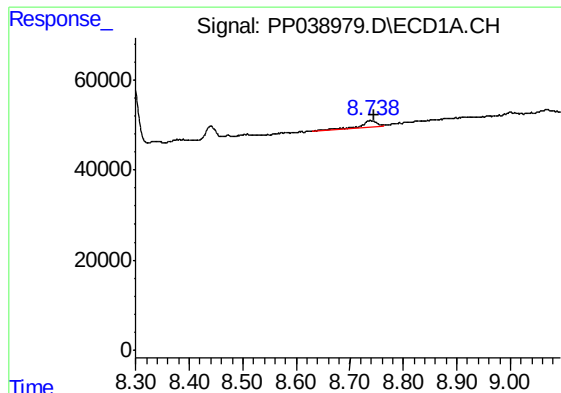
#33 AR-1260-3

R.T.: 8.508 min  
Delta R.T.: -0.006 min  
Response: 7295  
Conc: 8.27 ng/ml



#33 AR-1260-3

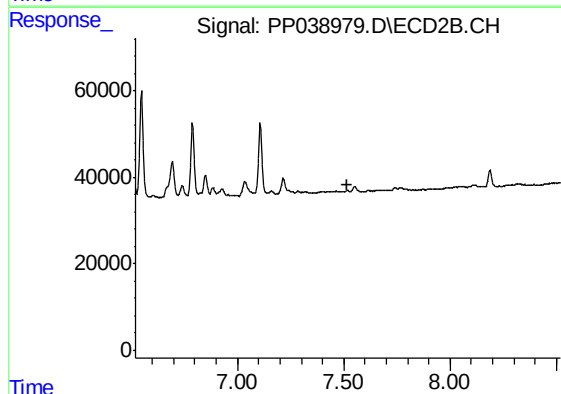
R.T.: 7.034 min  
Delta R.T.: -0.004 min  
Response: 56419  
Conc: 40.83 ng/ml



#34 AR-1260-4

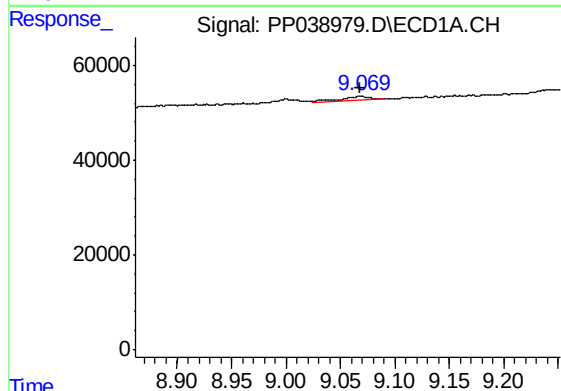
R.T.: 8.738 min  
Delta R.T.: -0.007 min  
Response: 26058  
Conc: 25.75 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
AR1248CCC500



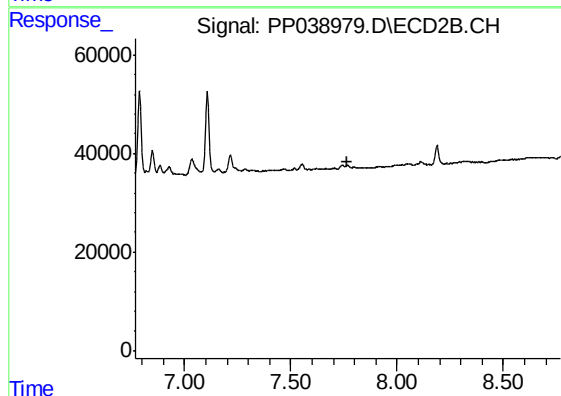
#34 AR-1260-4

R.T.: 0.000 min  
Exp R.T. : 7.520 min  
Response: 0  
Conc: N.D.



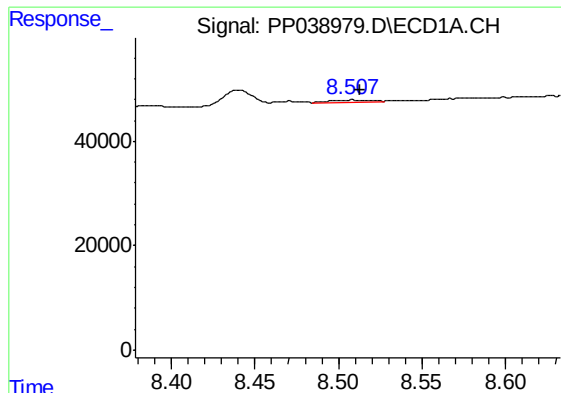
#35 AR-1260-5

R.T.: 9.069 min  
Delta R.T.: 0.001 min  
Response: 15478  
Conc: 7.14 ng/ml



#35 AR-1260-5

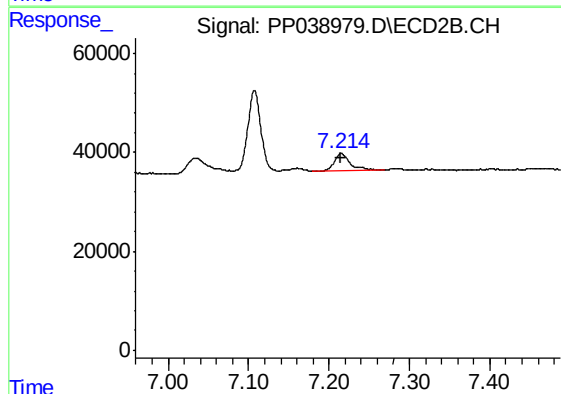
R.T.: 7.743 min  
Delta R.T.: -0.026 min  
Response: -2129  
Conc: N.D.



#36 AR-1262-1

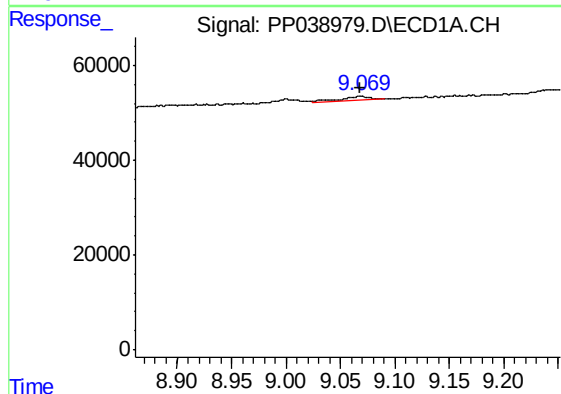
R.T.: 8.508 min  
Delta R.T.: -0.005 min  
Response: 7295  
Conc: 5.46 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
AR1248CCC500



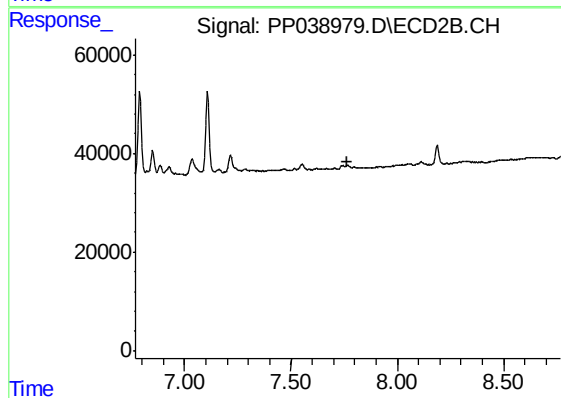
#36 AR-1262-1

R.T.: 7.215 min  
Delta R.T.: 0.000 min  
Response: 50271  
Conc: 58.82 ng/ml



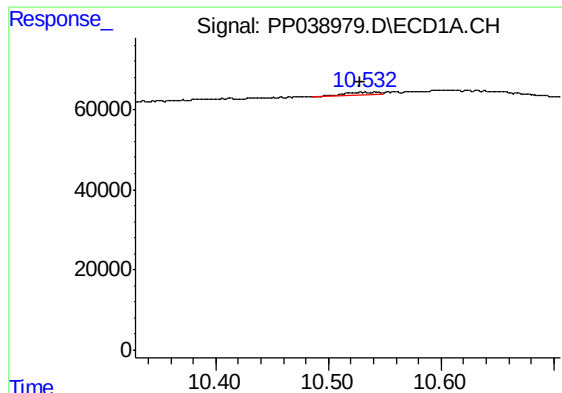
#37 AR-1262-2

R.T.: 9.069 min  
Delta R.T.: 0.002 min  
Response: 15478  
Conc: 6.07 ng/ml



#37 AR-1262-2

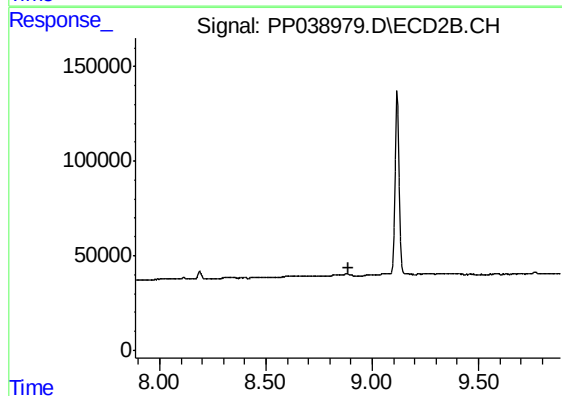
R.T.: 7.743 min  
Delta R.T.: -0.025 min  
Response: -2129  
Conc: N.D.



#45 AR-1268-5

R.T.: 10.533 min  
Delta R.T.: 0.005 min  
Response: 14042  
Conc: 1.44 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
AR1248CCC500



#45 AR-1268-5

R.T.: 0.000 min  
Exp R.T. : 8.886 min  
Response: 0  
Conc: N.D.