

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP070921\  
 Data File : PP037209.D  
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
 Acq On : 10 Jul 2021 3:53  
 Operator : DD\AJ  
 Sample : AR1242CCC500  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jul 10 05:49:35 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP070621.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Wed Jul 07 08:32:32 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... | 4.959  | 3.950  | 2614668 | 1521996 | 57.529   | 55.620   |
| 2)                          | SA Decachlor... | 10.991 | 9.245  | 2468226 | 1425626 | 53.616   | 51.217   |
| Target Compounds            |                 |        |        |         |         |          |          |
| 3)                          | L1 AR-1016-1    | 6.279  | 5.200  | 718785  | 407330  | 413.639  | 394.165  |
| 4)                          | L1 AR-1016-2    | 6.303  | 5.221  | 1015002 | 568041  | 405.986  | 396.746  |
| 5)                          | L1 AR-1016-3    | 6.369  | 5.411  | 653498  | 311906  | 410.310  | 399.213  |
| 6)                          | L1 AR-1016-4    | 6.476  | 5.464  | 549276  | 226377  | 416.564  | 375.051  |
| 7)                          | L1 AR-1016-5    | 6.791  | 5.692  | 547803  | 309849  | 433.043  | 401.258  |
| 8)                          | L2 AR-1221-1    | 5.202  | 4.205  | 78616   | 51083   | 148.229  | 167.256  |
| 9)                          | L2 AR-1221-2    | 5.308  | 4.303  | 126708  | 69135   | 312.755  | 293.676  |
| 10)                         | L2 AR-1221-3    | 5.394  | 4.392  | 435087  | 240044  | 357.085  | 322.734  |
| 11)                         | L3 AR-1232-1    | 5.394  | 4.392  | 435087  | 240044  | 391.578  | 353.543  |
| 12)                         | L3 AR-1232-2    | 5.984  | 5.221  | 546527  | 568041  | 916.570  | 907.542  |
| 13)                         | L3 AR-1232-3    | 6.303  | 5.411  | 1015002 | 311906  | 927.572  | 939.439  |
| 14)                         | L3 AR-1232-4    | 6.476  | 5.509  | 549276  | 286996  | 946.092  | 1040.933 |
| 15)                         | L3 AR-1232-5    | 6.573  | 5.692  | 413711  | 309849  | 1075.729 | 1042.313 |
| 16)                         | L4 AR-1242-1    | 6.279  | 5.200  | 718785  | 407330  | 563.891  | 540.442  |
| 17)                         | L4 AR-1242-2    | 6.303  | 5.221  | 1015002 | 568041  | 559.810  | 552.048  |
| 18)                         | L4 AR-1242-3    | 6.369  | 5.411  | 653498  | 311906  | 568.177  | 547.763  |
| 19)                         | L4 AR-1242-4    | 6.476  | 5.509  | 549276  | 286996  | 573.775  | 556.866  |
| 20)                         | L4 AR-1242-5    | 7.259  | 6.071  | 596688  | 393492  | 573.760  | 578.088  |
| 21)                         | L5 AR-1248-1    | 6.279  | 5.200  | 718785  | 407330  | 684.835  | 645.463  |
| 22)                         | L5 AR-1248-2    | 6.573  | 5.464  | 413711  | 226377  | 278.678  | 275.978  |
| 23)                         | L5 AR-1248-3    | 6.791  | 5.509  | 547803  | 286996  | 331.639  | 335.364  |
| 24)                         | L5 AR-1248-4    | 7.219  | 5.692  | 560242  | 309849  | 296.407  | 304.468  |
| 25)                         | L5 AR-1248-5    | 7.259  | 6.114  | 596688  | 357570  | 318.811  | 337.093  |
| 26)                         | L6 AR-1254-1    | 7.189  | 6.071  | 481422  | 393492  | 267.979  | 265.054  |
| 27)                         | L6 AR-1254-2    | 7.424  | 6.232  | 521904  | 100396  | 187.622  | 77.287 # |
| 28)                         | L6 AR-1254-3    | 7.800  | 6.650  | 251025  | 119385  | 81.422   | 55.944 # |
| 29)                         | L6 AR-1254-4    | 8.096  | 6.891  | 163734  | 88544   | 72.084   | 65.263   |
| 30)                         | L6 AR-1254-5    | 8.525  | 7.322  | 48289   | 31996   | 19.297   | 17.068   |
| 31)                         | L7 AR-1260-1    | 7.966  | 6.798  | 4034    | 50444   | 1.832    | 36.506 # |
| 32)                         | L7 AR-1260-2    | 8.218f | 6.988  | 74126   | 9641    | 26.647   | 5.739 #  |
| 33)                         | L7 AR-1260-3    | 0.000  | 7.139  | 0       | 31414   | N.D.     | 18.334 # |
| 34)                         | L7 AR-1260-4    | 8.819  | 0.000  | 27007   | 0       | 10.979   | N.D. #   |
| 36)                         | L8 AR-1262-1    | 0.000  | 7.322  | 0       | 31996   | N.D.     | 30.813 # |
| 38)                         | L8 AR-1262-3    | 0.000  | 8.140f | 0       | 11647   | N.D.     | 8.272 #  |
| 41)                         | L9 AR-1268-1    | 0.000  | 8.140f | 0       | 11647   | N.D.     | 2.923 #  |
| 45)                         | L9 AR-1268-5    | 10.654 | 9.003  | 19127   | 12261   | 1.208    | 1.191    |
| -----                       |                 |        |        |         |         |          |          |

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

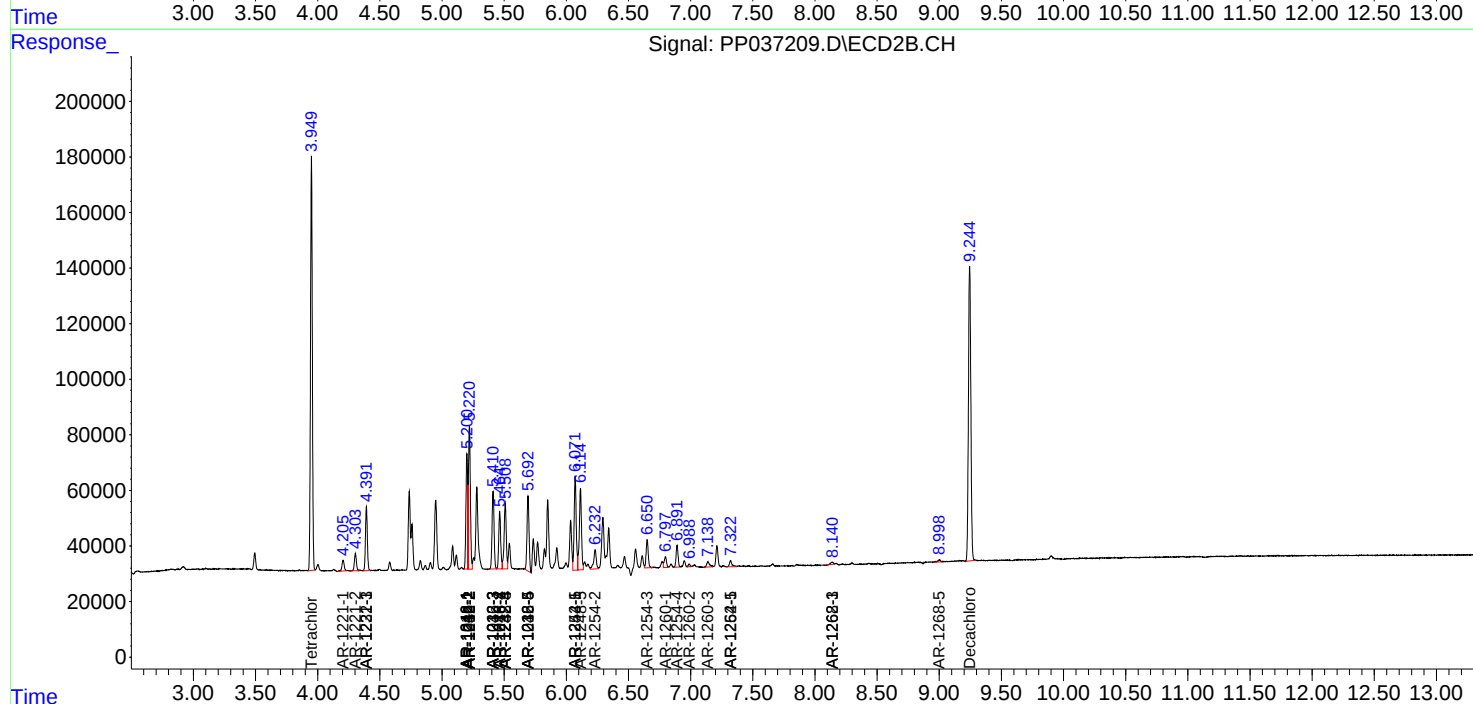
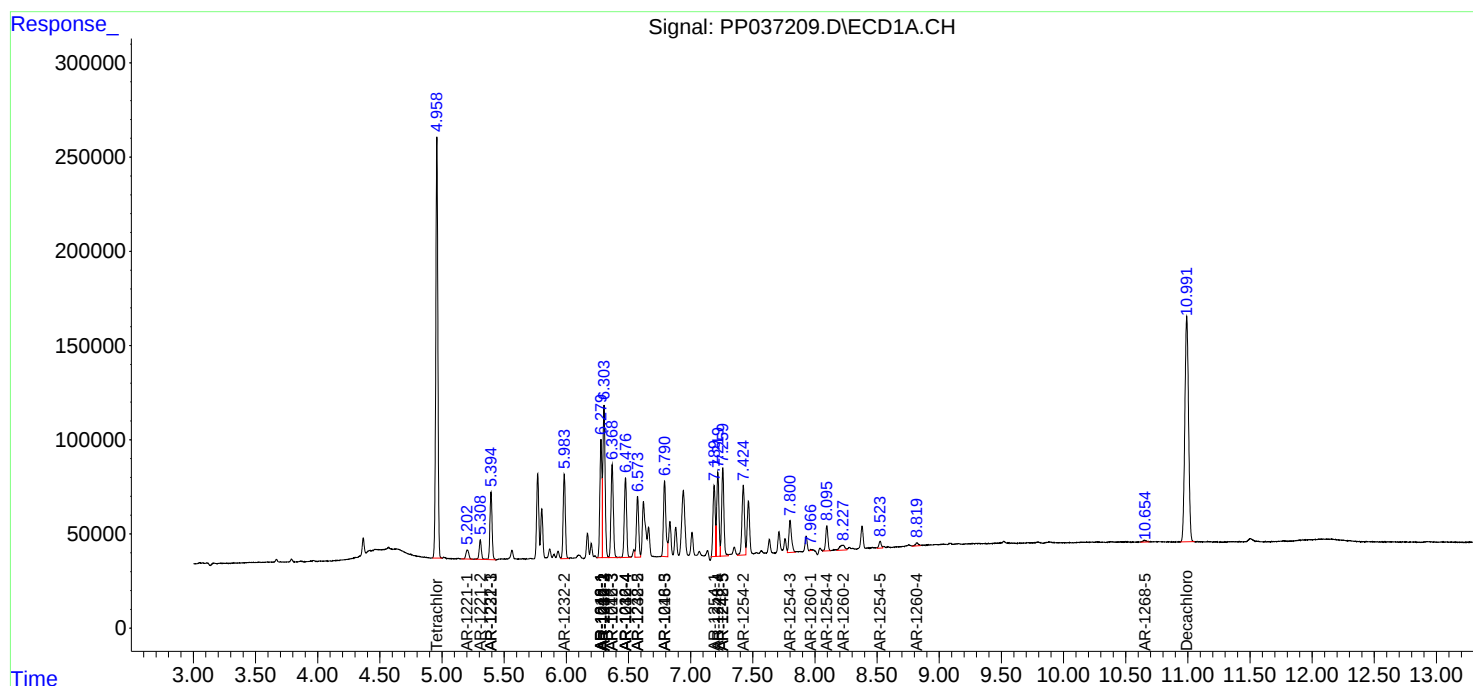
Instrument :  
ECD\_P  
ClientSampleId :

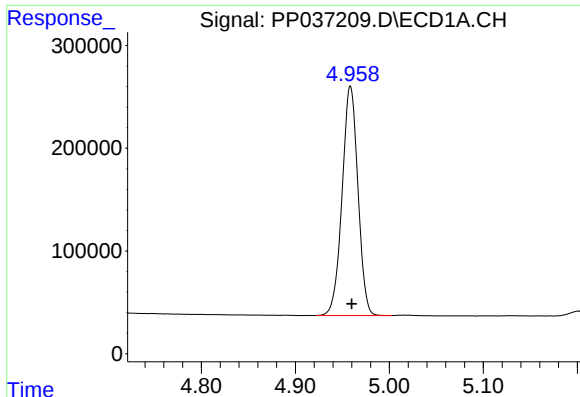
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP070921\  
Data File : PP037209.D  
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
Acq On : 10 Jul 2021 3:53  
Operator : DD\AJ  
Sample : AR1242CCC500  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
ECD\_P  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jul 10 05:49:35 2021  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP070621.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Wed Jul 07 08:32:32 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

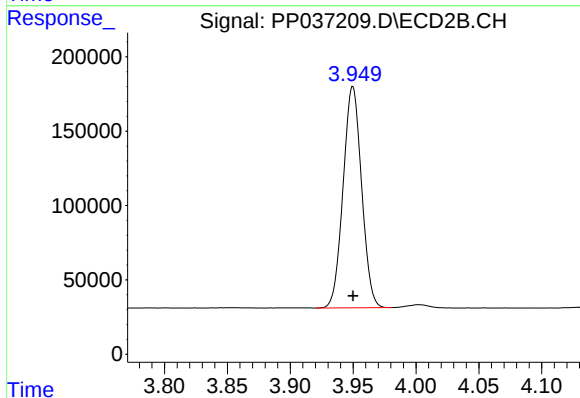




#1 Tetrachloro-m-xylene

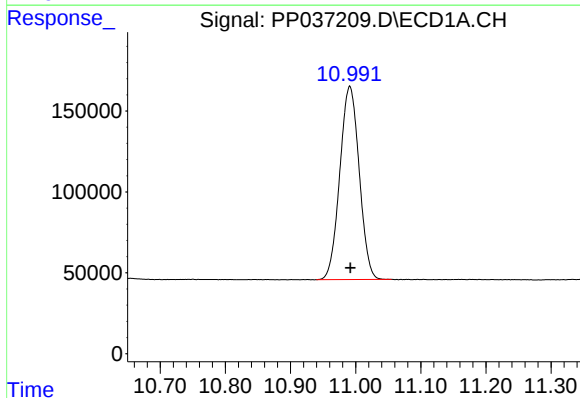
R.T.: 4.959 min  
Delta R.T.: -0.001 min  
Response: 2614668  
Conc: 57.53 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



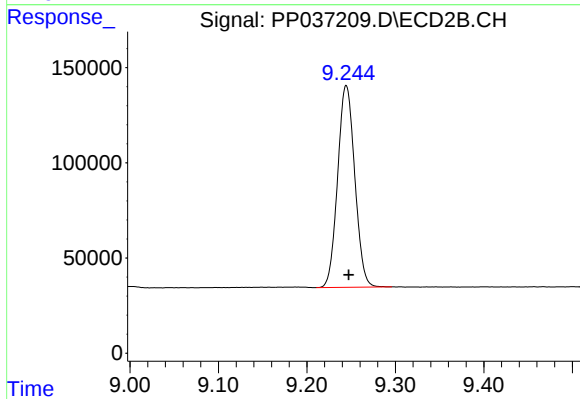
#1 Tetrachloro-m-xylene

R.T.: 3.950 min  
Delta R.T.: 0.000 min  
Response: 1521996  
Conc: 55.62 ng/ml



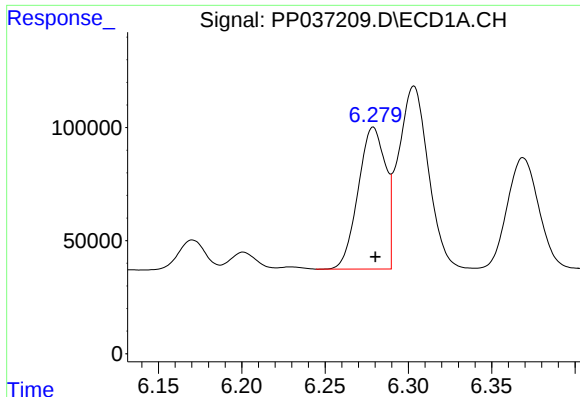
#2 Decachlorobiphenyl

R.T.: 10.991 min  
Delta R.T.: -0.001 min  
Response: 2468226  
Conc: 53.62 ng/ml



#2 Decachlorobiphenyl

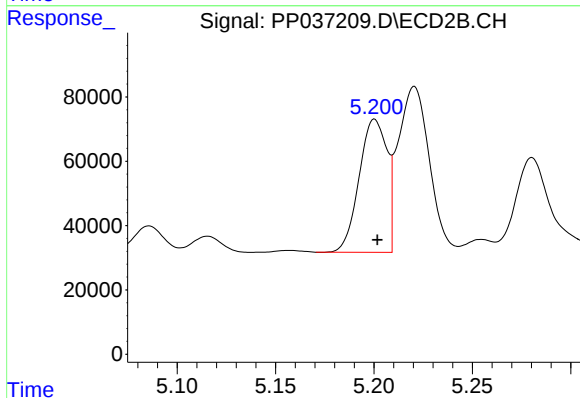
R.T.: 9.245 min  
Delta R.T.: -0.003 min  
Response: 1425626  
Conc: 51.22 ng/ml



#3 AR-1016-1

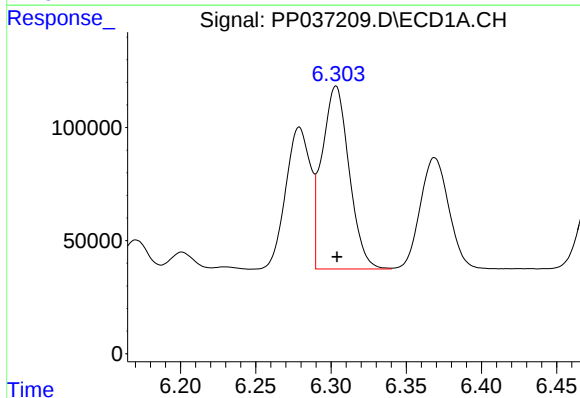
R.T.: 6.279 min  
Delta R.T.: -0.001 min  
Response: 718785  
Conc: 413.64 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



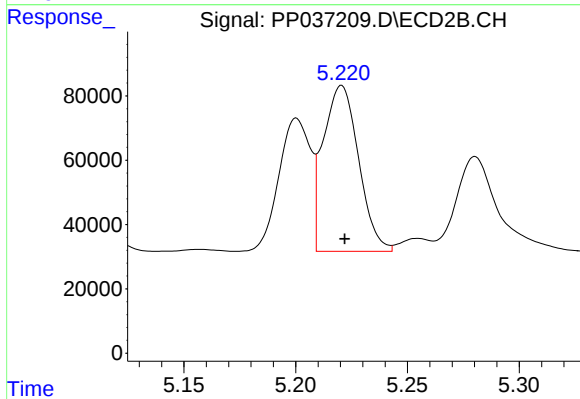
#3 AR-1016-1

R.T.: 5.200 min  
Delta R.T.: -0.001 min  
Response: 407330  
Conc: 394.16 ng/ml



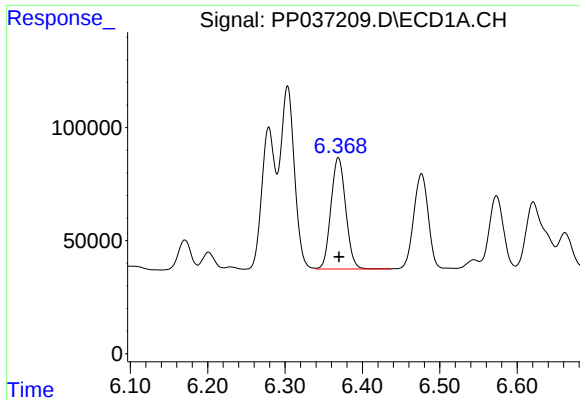
#4 AR-1016-2

R.T.: 6.303 min  
Delta R.T.: 0.000 min  
Response: 1015002  
Conc: 405.99 ng/ml



#4 AR-1016-2

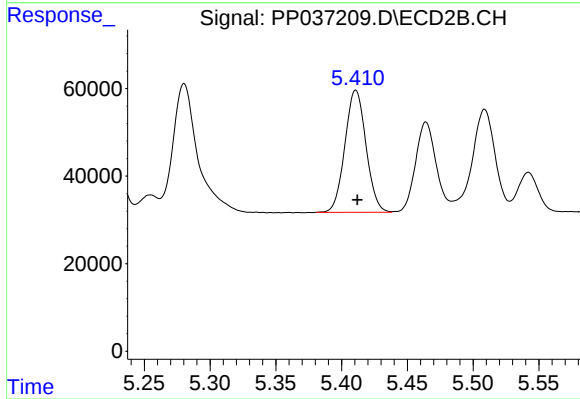
R.T.: 5.221 min  
Delta R.T.: -0.001 min  
Response: 568041  
Conc: 396.75 ng/ml



#5 AR-1016-3

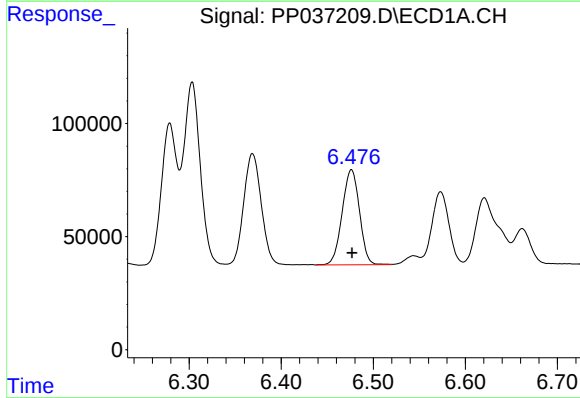
R.T.: 6.369 min  
Delta R.T.: 0.000 min  
Response: 653498  
Conc: 410.31 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



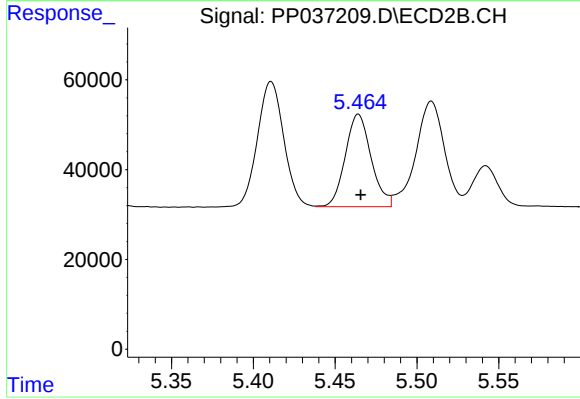
#5 AR-1016-3

R.T.: 5.411 min  
Delta R.T.: -0.001 min  
Response: 311906  
Conc: 399.21 ng/ml



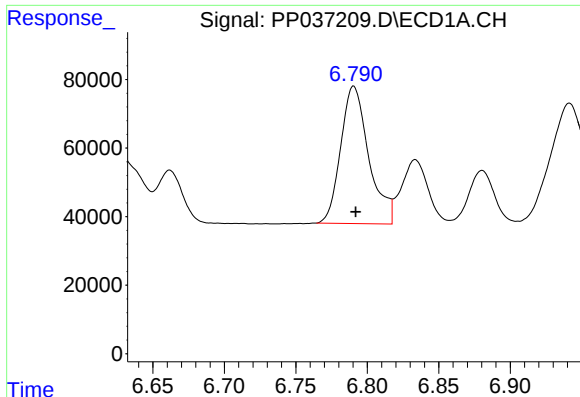
#6 AR-1016-4

R.T.: 6.476 min  
Delta R.T.: 0.000 min  
Response: 549276  
Conc: 416.56 ng/ml



#6 AR-1016-4

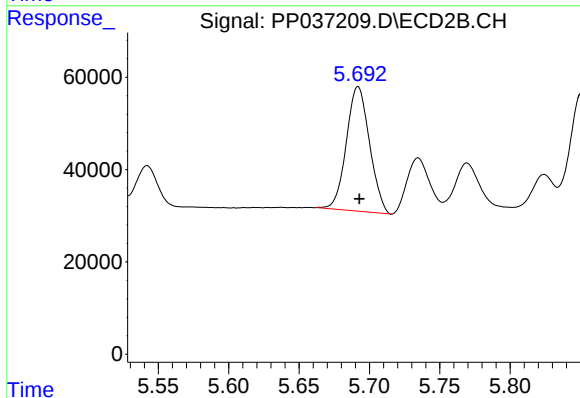
R.T.: 5.464 min  
Delta R.T.: -0.001 min  
Response: 226377  
Conc: 375.05 ng/ml



#7 AR-1016-5

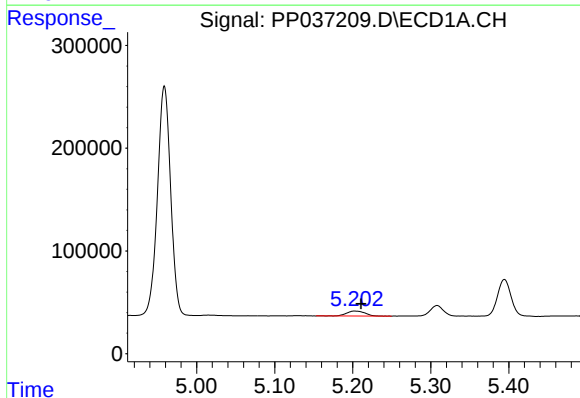
R.T.: 6.791 min  
Delta R.T.: -0.001 min  
Response: 547803  
Conc: 433.04 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



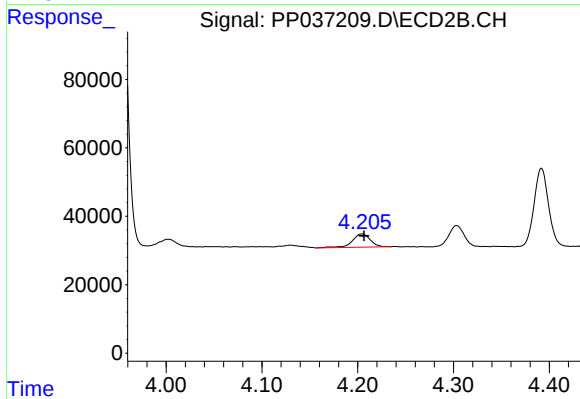
#7 AR-1016-5

R.T.: 5.692 min  
Delta R.T.: 0.000 min  
Response: 309849  
Conc: 401.26 ng/ml



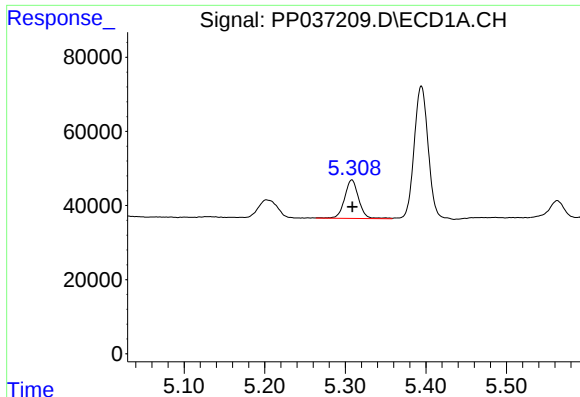
#8 AR-1221-1

R.T.: 5.202 min  
Delta R.T.: -0.008 min  
Response: 78616  
Conc: 148.23 ng/ml



#8 AR-1221-1

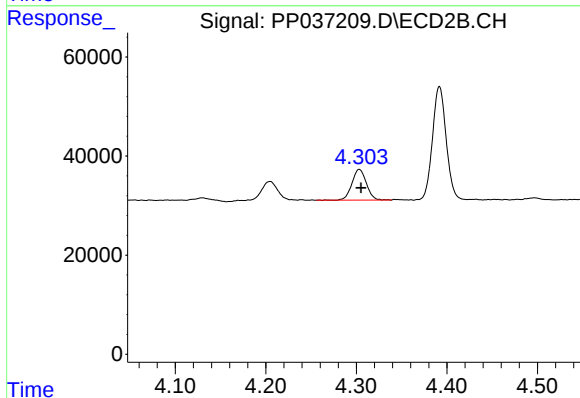
R.T.: 4.205 min  
Delta R.T.: -0.002 min  
Response: 51083  
Conc: 167.26 ng/ml



#9 AR-1221-2

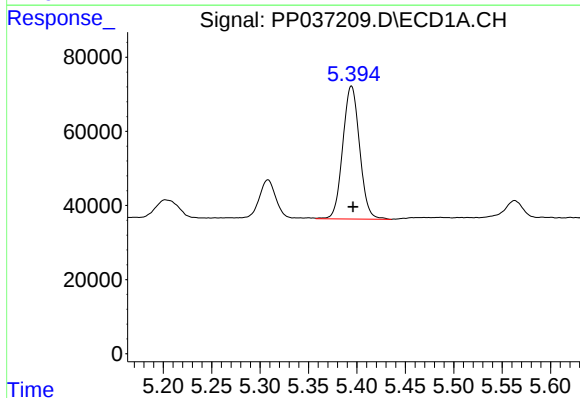
R.T.: 5.308 min  
Delta R.T.: 0.000 min  
Response: 126708  
Conc: 312.76 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



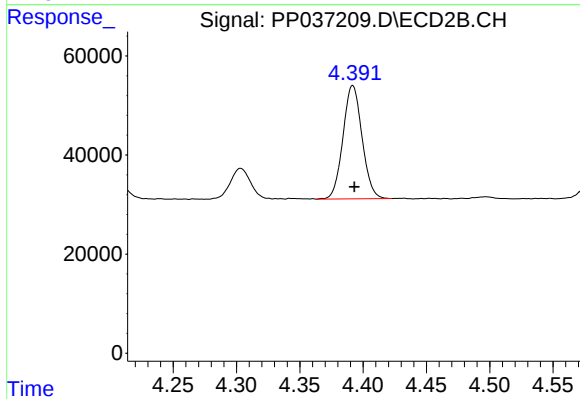
#9 AR-1221-2

R.T.: 4.303 min  
Delta R.T.: -0.002 min  
Response: 69135  
Conc: 293.68 ng/ml



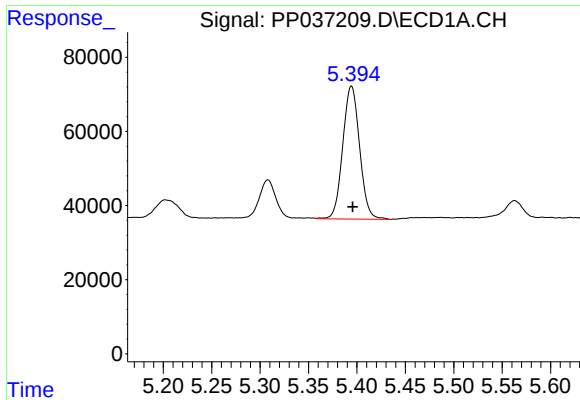
#10 AR-1221-3

R.T.: 5.394 min  
Delta R.T.: -0.002 min  
Response: 435087  
Conc: 357.09 ng/ml



#10 AR-1221-3

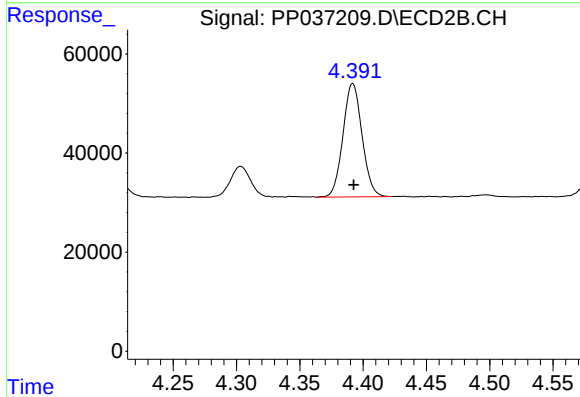
R.T.: 4.392 min  
Delta R.T.: -0.001 min  
Response: 240044  
Conc: 322.73 ng/ml



#11 AR-1232-1

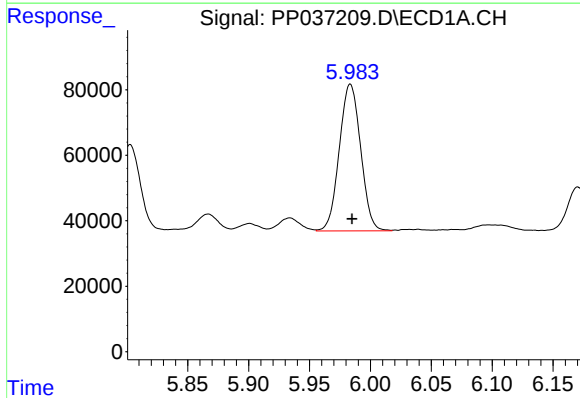
R.T.: 5.394 min  
Delta R.T.: -0.001 min  
Response: 435087  
Conc: 391.58 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



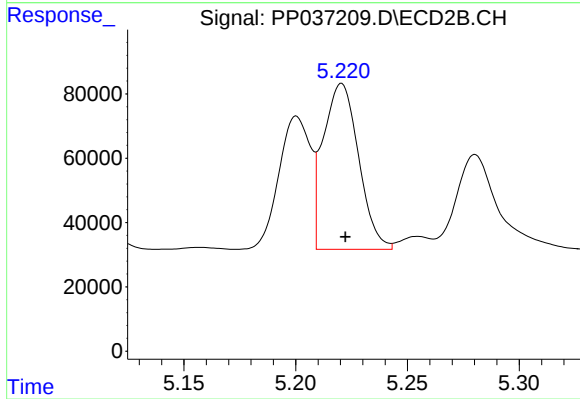
#11 AR-1232-1

R.T.: 4.392 min  
Delta R.T.: 0.000 min  
Response: 240044  
Conc: 353.54 ng/ml



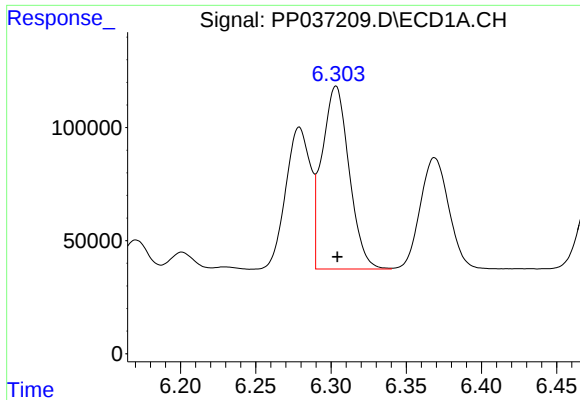
#12 AR-1232-2

R.T.: 5.984 min  
Delta R.T.: -0.002 min  
Response: 546527  
Conc: 916.57 ng/ml



#12 AR-1232-2

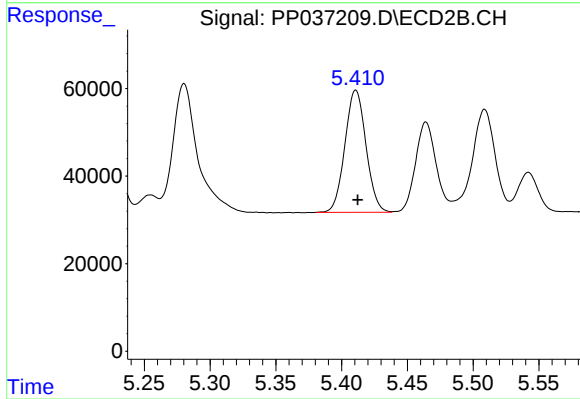
R.T.: 5.221 min  
Delta R.T.: -0.002 min  
Response: 568041  
Conc: 907.54 ng/ml



#13 AR-1232-3

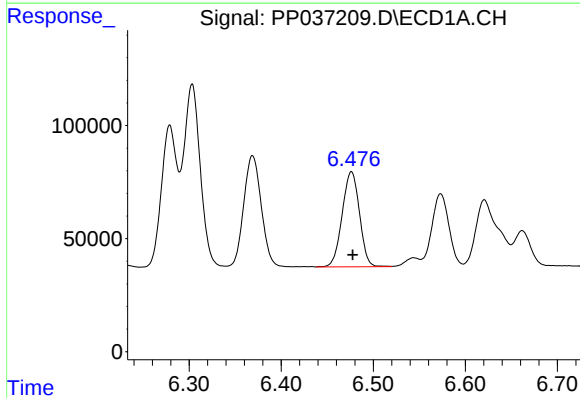
R.T.: 6.303 min  
Delta R.T.: -0.001 min  
Response: 1015002  
Conc: 927.57 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



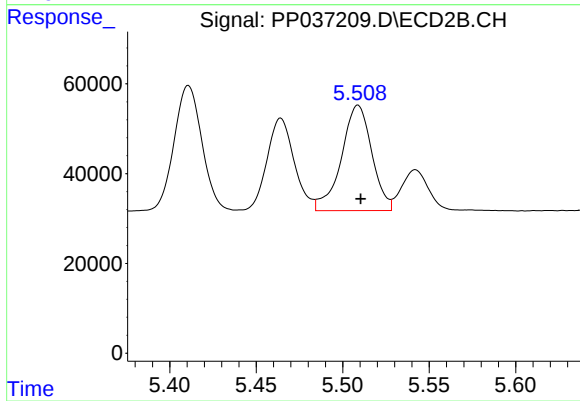
#13 AR-1232-3

R.T.: 5.411 min  
Delta R.T.: -0.001 min  
Response: 311906  
Conc: 939.44 ng/ml



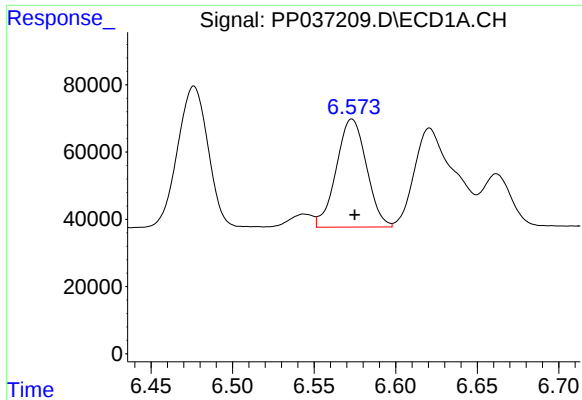
#14 AR-1232-4

R.T.: 6.476 min  
Delta R.T.: -0.001 min  
Response: 549276  
Conc: 946.09 ng/ml



#14 AR-1232-4

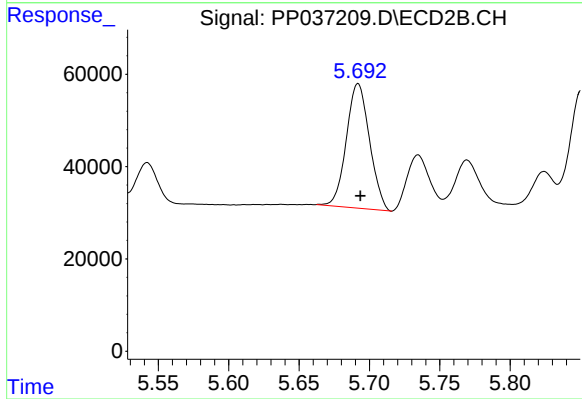
R.T.: 5.509 min  
Delta R.T.: -0.002 min  
Response: 286996  
Conc: 1040.93 ng/ml



#15 AR-1232-5

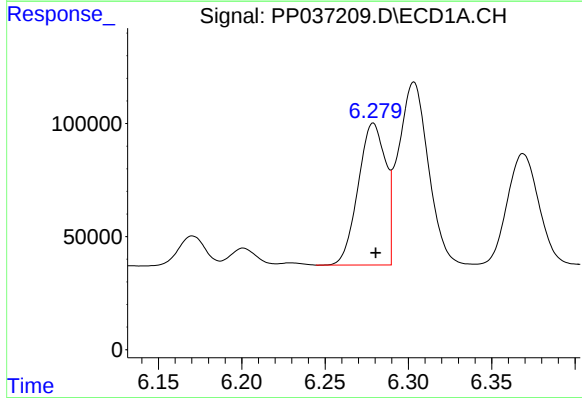
R.T.: 6.573 min  
Delta R.T.: -0.002 min  
Response: 413711  
Conc: 1075.73 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



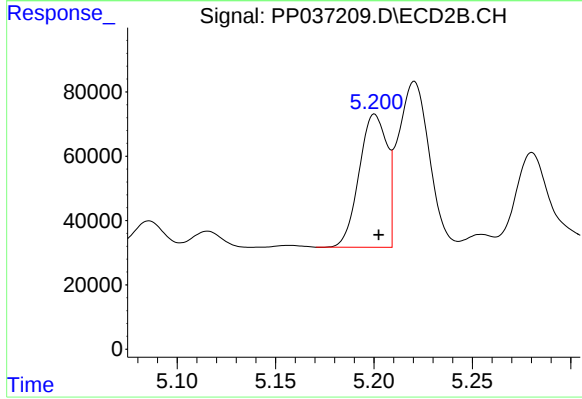
#15 AR-1232-5

R.T.: 5.692 min  
Delta R.T.: -0.002 min  
Response: 309849  
Conc: 1042.31 ng/ml



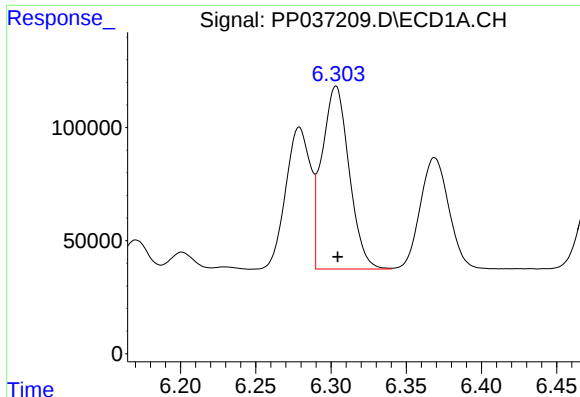
#16 AR-1242-1

R.T.: 6.279 min  
Delta R.T.: -0.002 min  
Response: 718785  
Conc: 563.89 ng/ml



#16 AR-1242-1

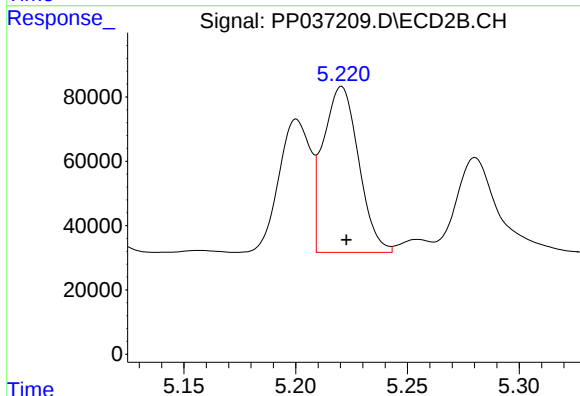
R.T.: 5.200 min  
Delta R.T.: -0.002 min  
Response: 407330  
Conc: 540.44 ng/ml



#17 AR-1242-2

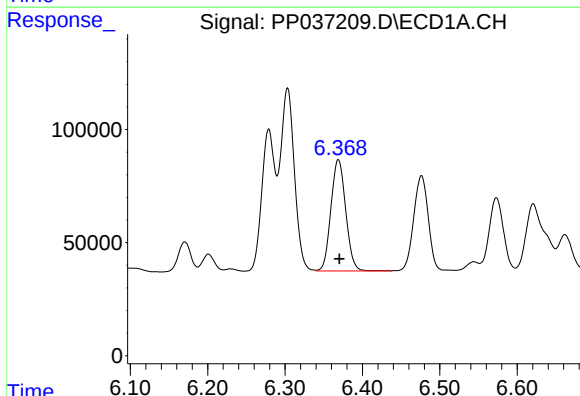
R.T.: 6.303 min  
Delta R.T.: -0.001 min  
Response: 1015002  
Conc: 559.81 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



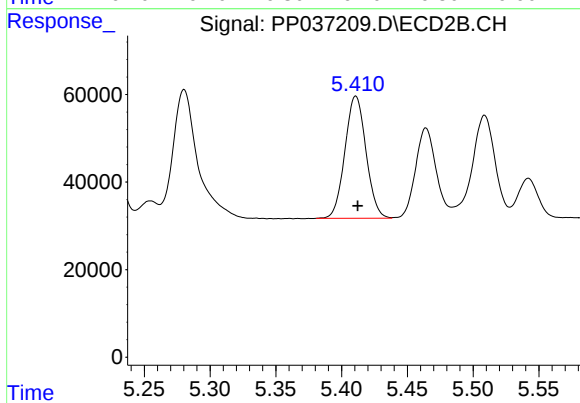
#17 AR-1242-2

R.T.: 5.221 min  
Delta R.T.: -0.002 min  
Response: 568041  
Conc: 552.05 ng/ml



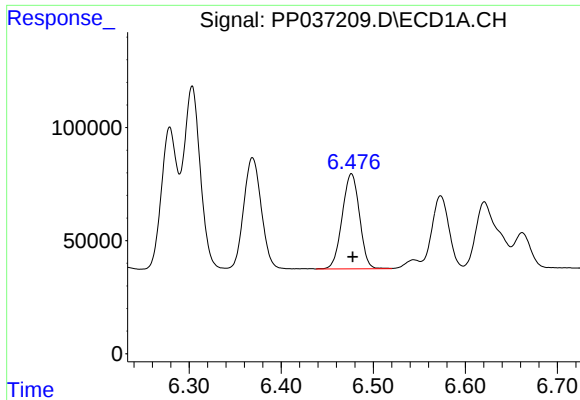
#18 AR-1242-3

R.T.: 6.369 min  
Delta R.T.: -0.001 min  
Response: 653498  
Conc: 568.18 ng/ml



#18 AR-1242-3

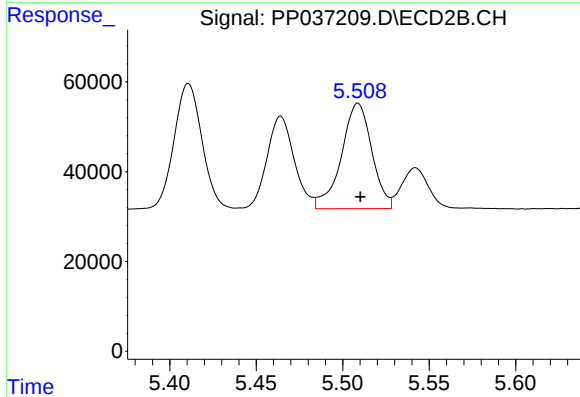
R.T.: 5.411 min  
Delta R.T.: -0.002 min  
Response: 311906  
Conc: 547.76 ng/ml



#19 AR-1242-4

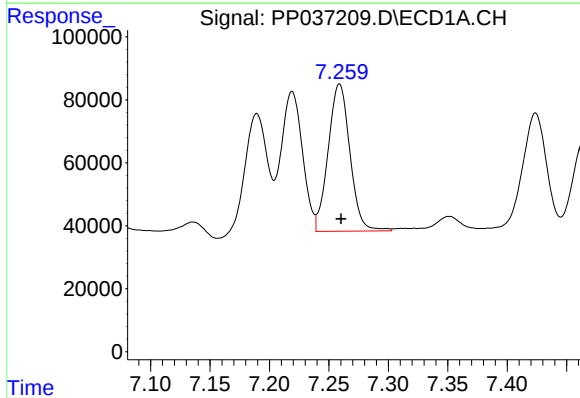
R.T.: 6.476 min  
Delta R.T.: -0.001 min  
Response: 549276  
Conc: 573.78 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



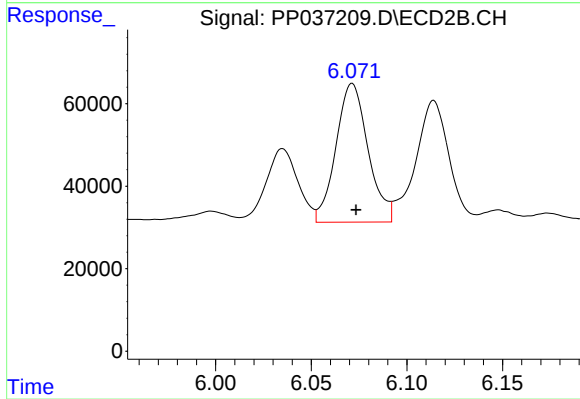
#19 AR-1242-4

R.T.: 5.509 min  
Delta R.T.: -0.001 min  
Response: 286996  
Conc: 556.87 ng/ml



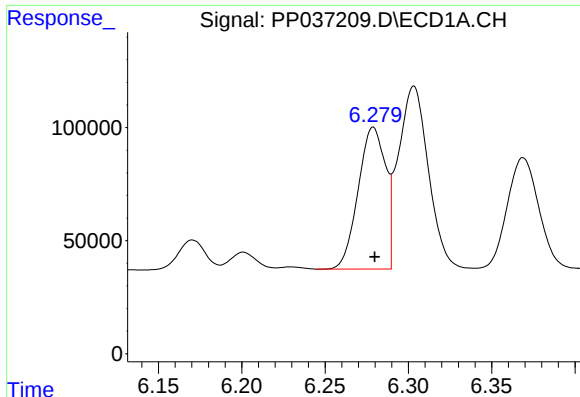
#20 AR-1242-5

R.T.: 7.259 min  
Delta R.T.: -0.001 min  
Response: 596688  
Conc: 573.76 ng/ml



#20 AR-1242-5

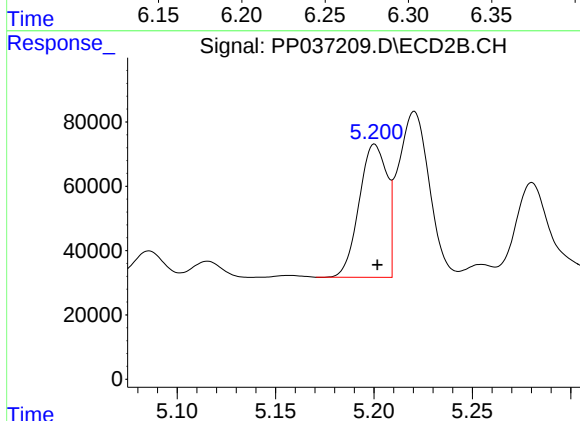
R.T.: 6.071 min  
Delta R.T.: -0.002 min  
Response: 393492  
Conc: 578.09 ng/ml



#21 AR-1248-1

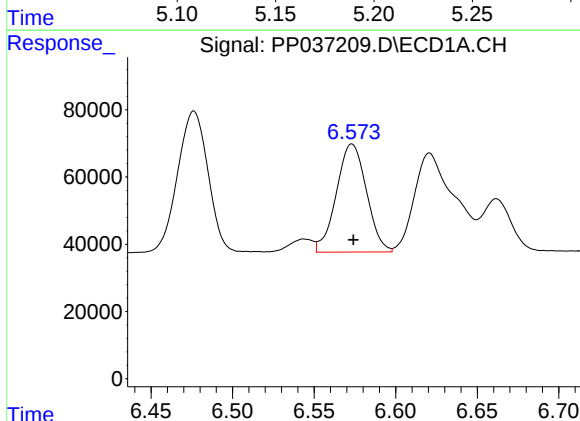
R.T.: 6.279 min  
Delta R.T.: 0.000 min  
Response: 718785  
Conc: 684.83 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



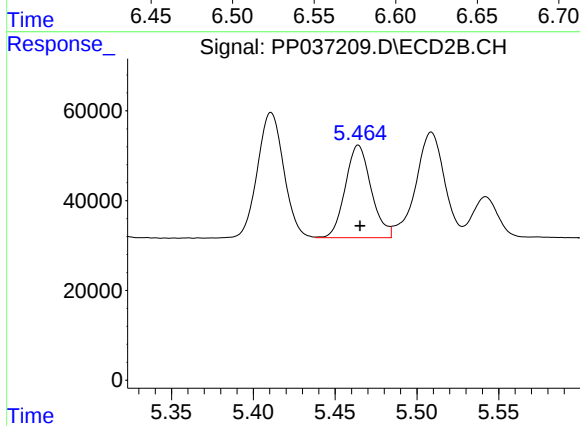
#21 AR-1248-1

R.T.: 5.200 min  
Delta R.T.: -0.001 min  
Response: 407330  
Conc: 645.46 ng/ml



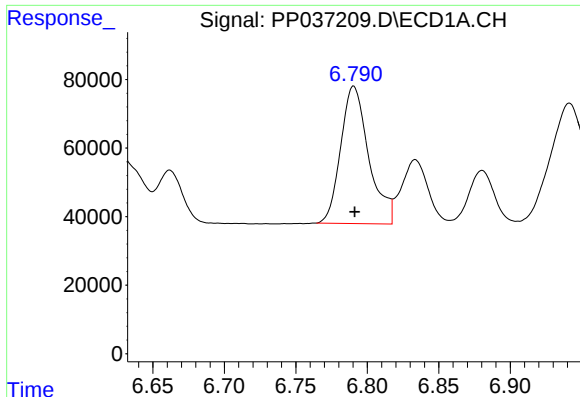
#22 AR-1248-2

R.T.: 6.573 min  
Delta R.T.: 0.000 min  
Response: 413711  
Conc: 278.68 ng/ml



#22 AR-1248-2

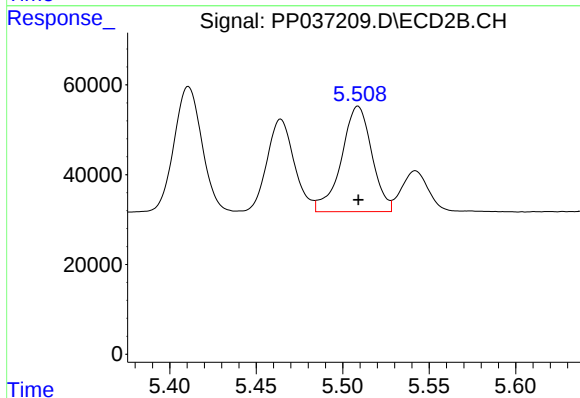
R.T.: 5.464 min  
Delta R.T.: 0.000 min  
Response: 226377  
Conc: 275.98 ng/ml



#23 AR-1248-3

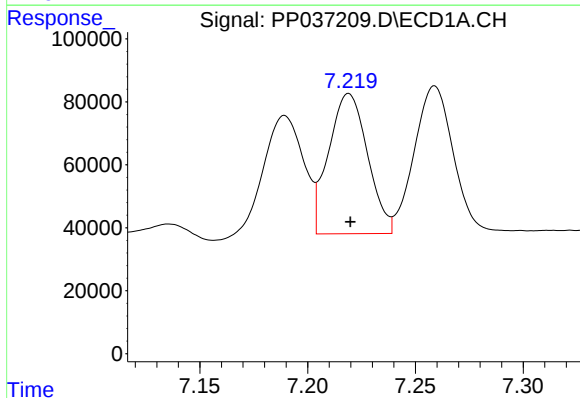
R.T.: 6.791 min  
Delta R.T.: 0.000 min  
Response: 547803  
Conc: 331.64 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



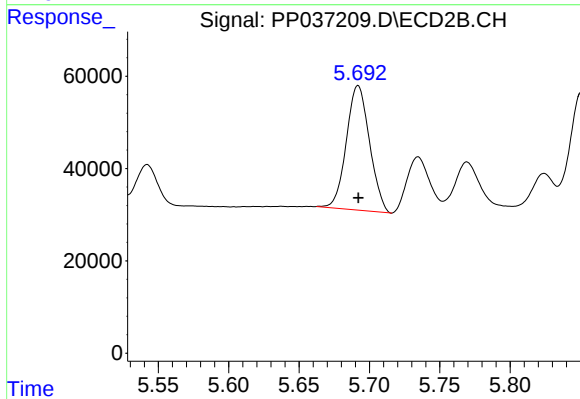
#23 AR-1248-3

R.T.: 5.509 min  
Delta R.T.: 0.000 min  
Response: 286996  
Conc: 335.36 ng/ml



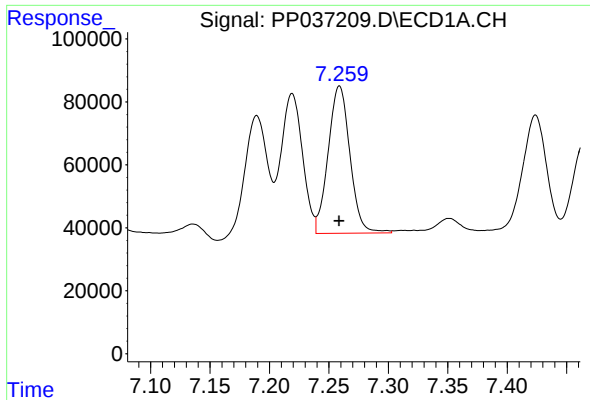
#24 AR-1248-4

R.T.: 7.219 min  
Delta R.T.: 0.000 min  
Response: 560242  
Conc: 296.41 ng/ml



#24 AR-1248-4

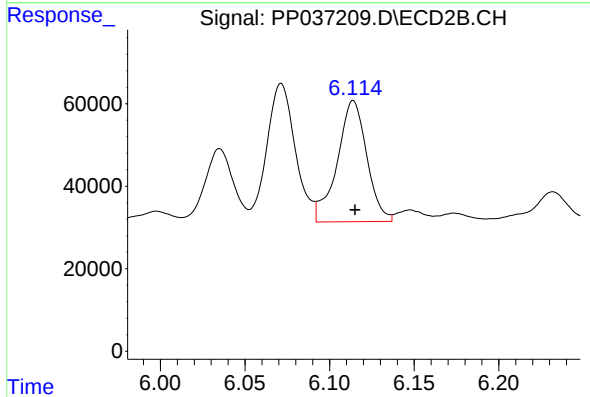
R.T.: 5.692 min  
Delta R.T.: 0.000 min  
Response: 309849  
Conc: 304.47 ng/ml



#25 AR-1248-5

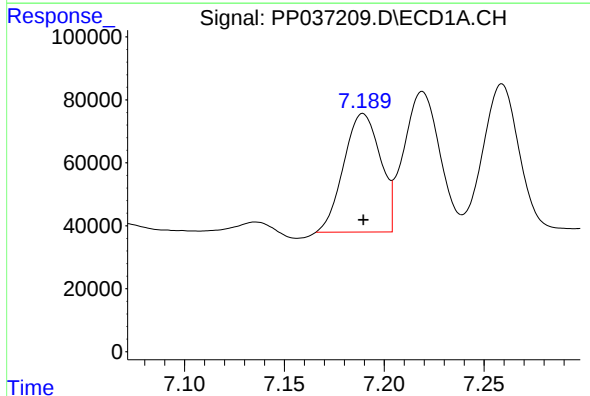
R.T.: 7.259 min  
Delta R.T.: 0.000 min  
Response: 596688  
Conc: 318.81 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



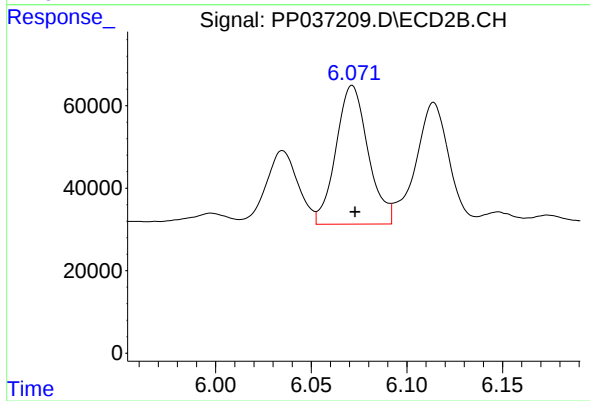
#25 AR-1248-5

R.T.: 6.114 min  
Delta R.T.: -0.001 min  
Response: 357570  
Conc: 337.09 ng/ml



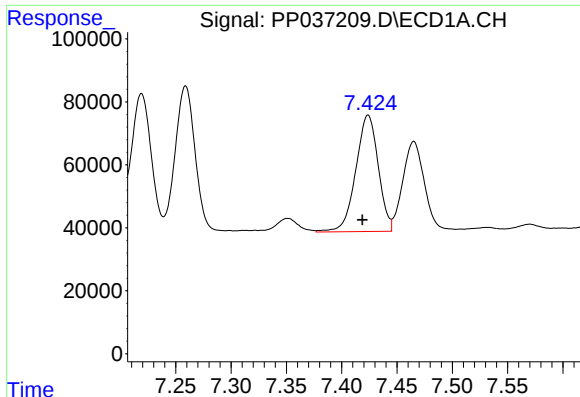
#26 AR-1254-1

R.T.: 7.189 min  
Delta R.T.: 0.000 min  
Response: 481422  
Conc: 267.98 ng/ml



#26 AR-1254-1

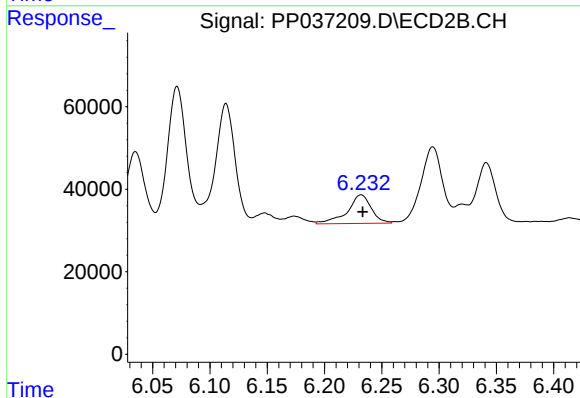
R.T.: 6.071 min  
Delta R.T.: -0.001 min  
Response: 393492  
Conc: 265.05 ng/ml



#27 AR-1254-2

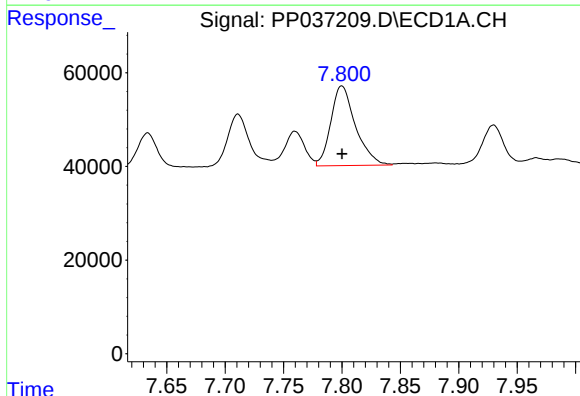
R.T.: 7.424 min  
Delta R.T.: 0.005 min  
Response: 521904  
Conc: 187.62 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



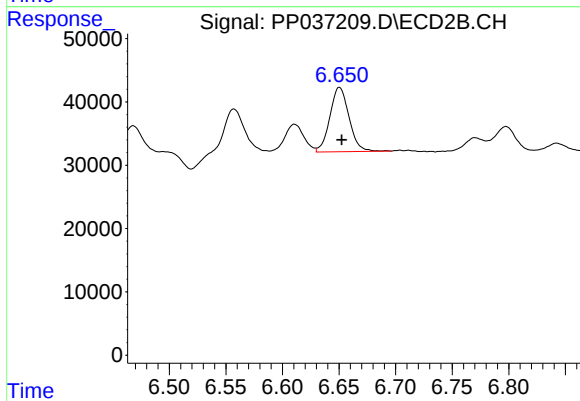
#27 AR-1254-2

R.T.: 6.232 min  
Delta R.T.: -0.002 min  
Response: 100396  
Conc: 77.29 ng/ml



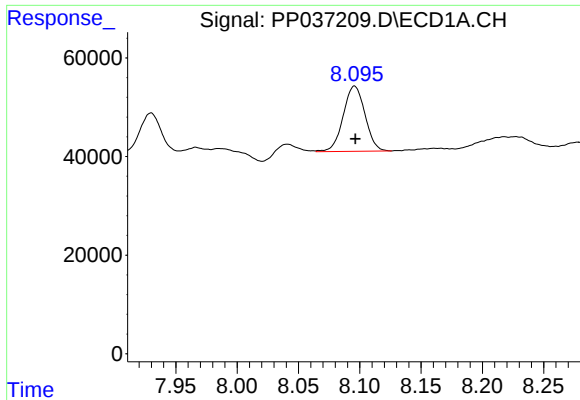
#28 AR-1254-3

R.T.: 7.800 min  
Delta R.T.: 0.000 min  
Response: 251025  
Conc: 81.42 ng/ml



#28 AR-1254-3

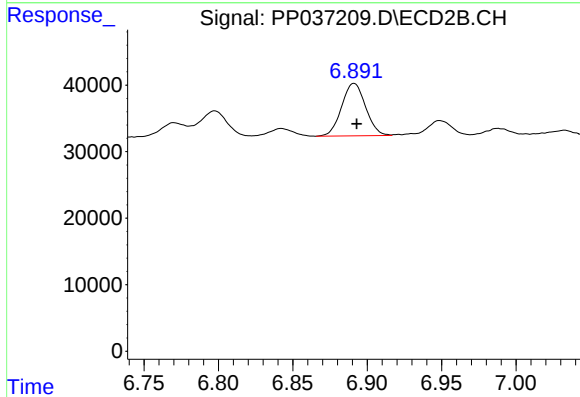
R.T.: 6.650 min  
Delta R.T.: -0.002 min  
Response: 119385  
Conc: 55.94 ng/ml



#29 AR-1254-4

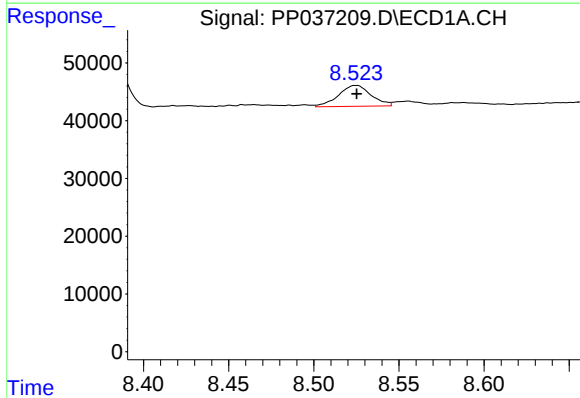
R.T.: 8.096 min  
Delta R.T.: 0.000 min  
Response: 163734  
Conc: 72.08 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



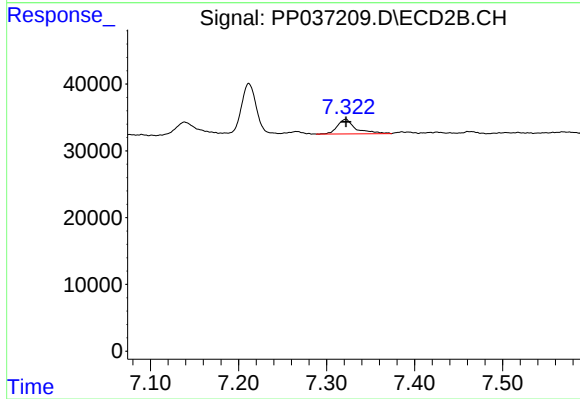
#29 AR-1254-4

R.T.: 6.891 min  
Delta R.T.: -0.002 min  
Response: 88544  
Conc: 65.26 ng/ml



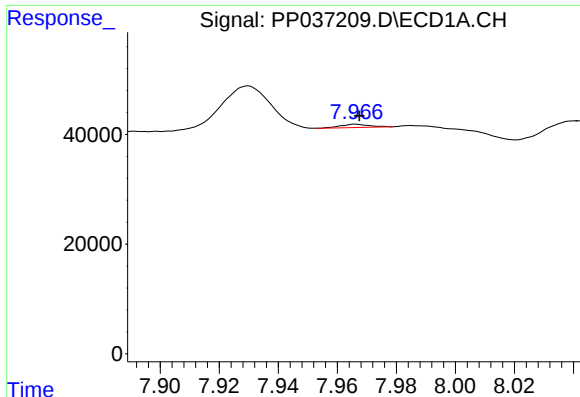
#30 AR-1254-5

R.T.: 8.525 min  
Delta R.T.: 0.000 min  
Response: 48289  
Conc: 19.30 ng/ml



#30 AR-1254-5

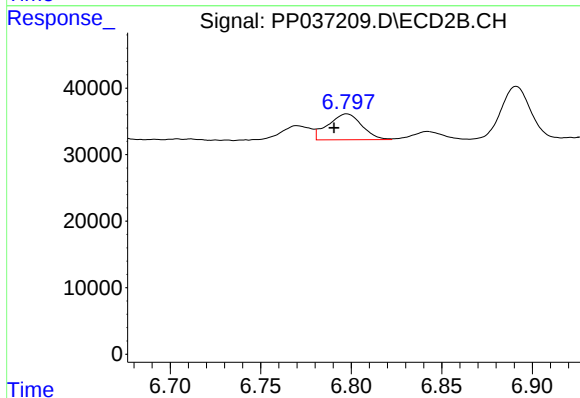
R.T.: 7.322 min  
Delta R.T.: 0.000 min  
Response: 31996  
Conc: 17.07 ng/ml



#31 AR-1260-1

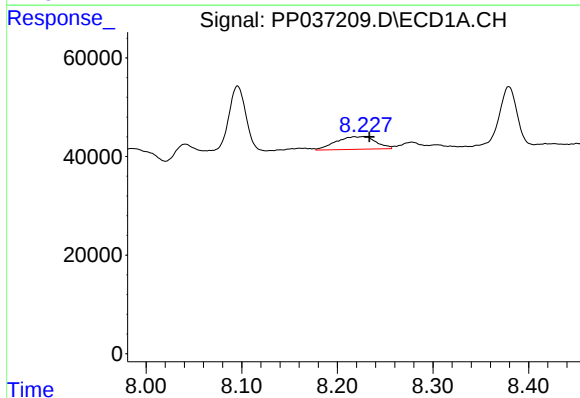
R.T.: 7.966 min  
Delta R.T.: -0.001 min  
Response: 4034  
Conc: 1.83 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



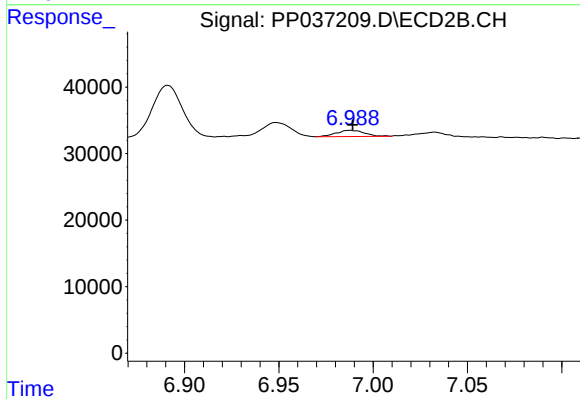
#31 AR-1260-1

R.T.: 6.798 min  
Delta R.T.: 0.007 min  
Response: 50444  
Conc: 36.51 ng/ml



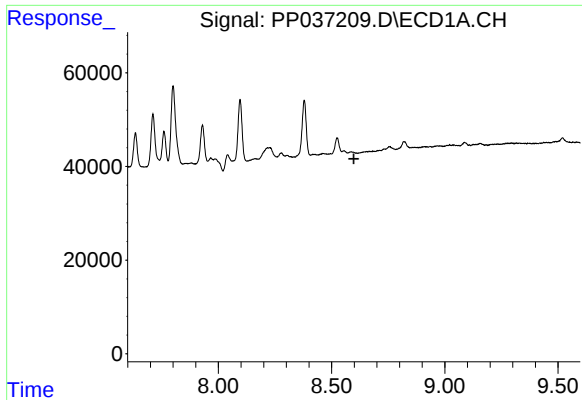
#32 AR-1260-2

R.T.: 8.218 min  
Delta R.T.: -0.016 min  
Response: 74126  
Conc: 26.65 ng/ml



#32 AR-1260-2

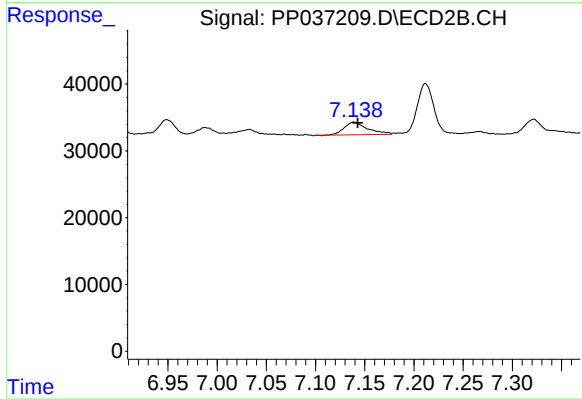
R.T.: 6.988 min  
Delta R.T.: -0.001 min  
Response: 9641  
Conc: 5.74 ng/ml



#33 AR-1260-3

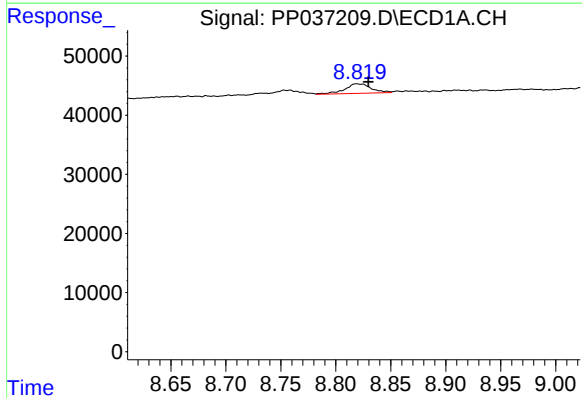
R.T.: 0.000 min  
Exp R.T.: 8.599 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :



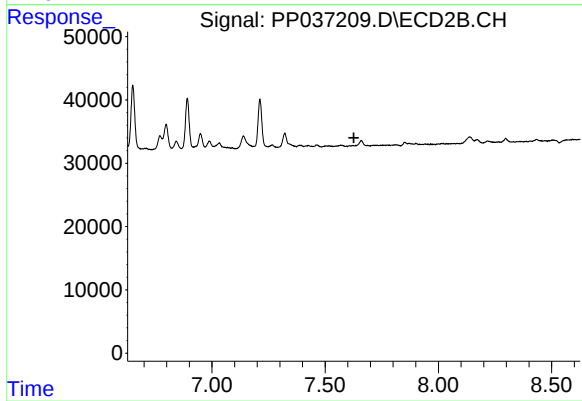
#33 AR-1260-3

R.T.: 7.139 min  
Delta R.T.: -0.004 min  
Response: 31414  
Conc: 18.33 ng/ml



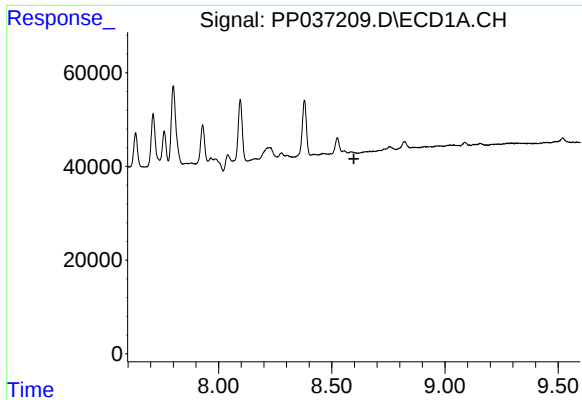
#34 AR-1260-4

R.T.: 8.819 min  
Delta R.T.: -0.011 min  
Response: 27007  
Conc: 10.98 ng/ml



#34 AR-1260-4

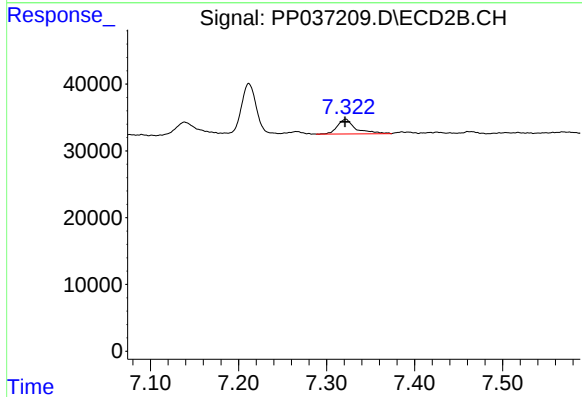
R.T.: 0.000 min  
Exp R.T.: 7.627 min  
Response: 0  
Conc: N.D.



#36 AR-1262-1

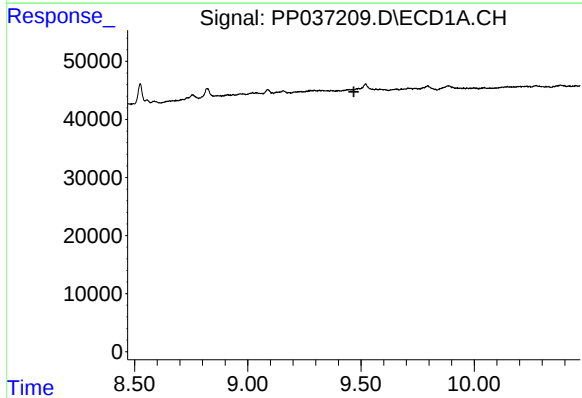
R.T.: 0.000 min  
Exp R.T.: 8.598 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :



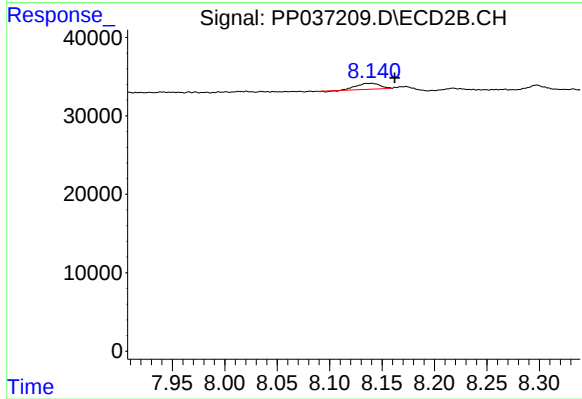
#36 AR-1262-1

R.T.: 7.322 min  
Delta R.T.: 0.000 min  
Response: 31996  
Conc: 30.81 ng/ml



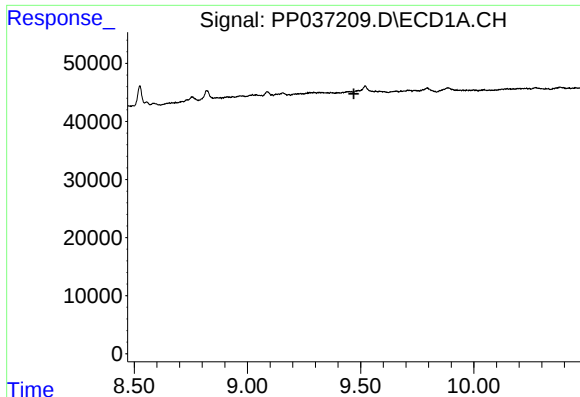
#38 AR-1262-3

R.T.: 0.000 min  
Exp R.T.: 9.469 min  
Response: 0  
Conc: N.D.



#38 AR-1262-3

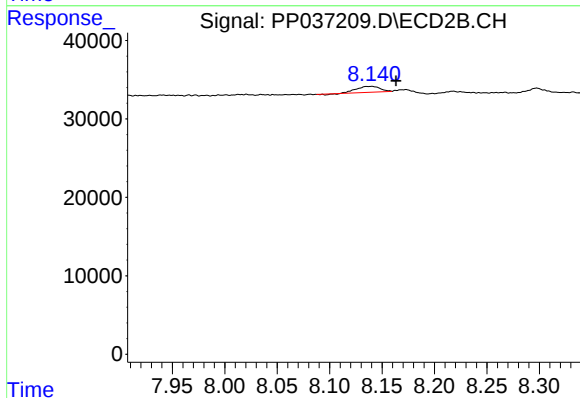
R.T.: 8.140 min  
Delta R.T.: -0.022 min  
Response: 11647  
Conc: 8.27 ng/ml



#41 AR-1268-1

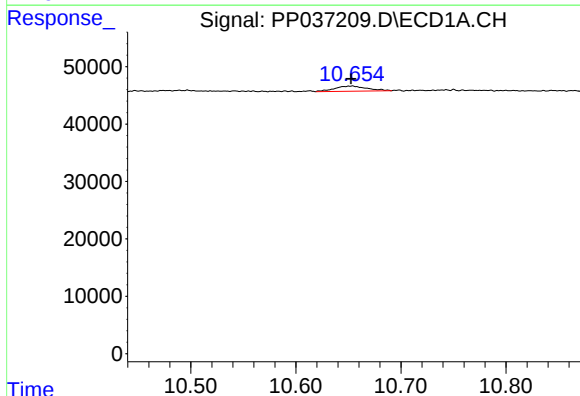
R.T.: 0.000 min  
Exp R.T.: 9.470 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :



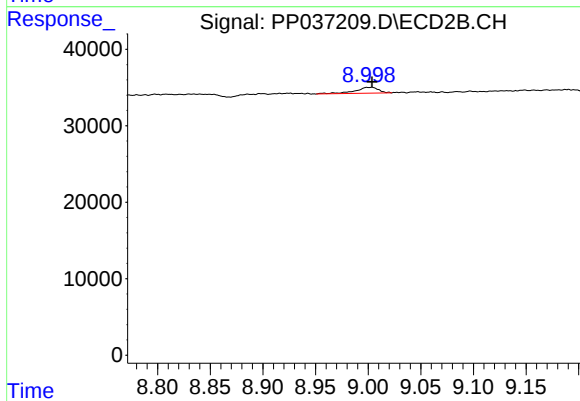
#41 AR-1268-1

R.T.: 8.140 min  
Delta R.T.: -0.023 min  
Response: 11647  
Conc: 2.92 ng/ml



#45 AR-1268-5

R.T.: 10.654 min  
Delta R.T.: 0.000 min  
Response: 19127  
Conc: 1.21 ng/ml



#45 AR-1268-5

R.T.: 9.003 min  
Delta R.T.: 0.000 min  
Response: 12261  
Conc: 1.19 ng/ml