

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP031921\  
 Data File : PP034154.D  
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
 Acq On : 19 Mar 2021 9:28  
 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: Mar 20 02:10:14 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP031821.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Sat Mar 20 01:42:16 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... | 4.854  | 4.261  | 4182733 | 2148347 | 49.791   | 48.547    |
| 2)                          | SA Decachlor... | 10.783 | 9.581  | 3849902 | 1263428 | 49.058   | 47.877    |
| Target Compounds            |                 |        |        |         |         |          |           |
| 3)                          | L1 AR-1016-1    | 6.167  | 5.518  | 953637  | 431668  | 379.150  | 376.875   |
| 4)                          | L1 AR-1016-2    | 6.191  | 5.539  | 1419882 | 614031  | 375.020  | 364.770   |
| 5)                          | L1 AR-1016-3    | 6.256  | 5.732  | 905478  | 345858  | 384.695  | 383.253   |
| 6)                          | L1 AR-1016-4    | 6.362  | 5.780  | 730210  | 271585  | 383.912  | 369.848   |
| 7)                          | L1 AR-1016-5    | 6.677  | 6.013  | 767968  | 213610  | 397.676  | 226.118 # |
| 8)                          | L2 AR-1221-1    | 5.100  | 4.516  | 119892  | 57841   | 132.039  | 123.306   |
| 9)                          | L2 AR-1221-2    | 5.202  | 4.617  | 178165  | 88145   | 258.878  | 248.560   |
| 10)                         | L2 AR-1221-3    | 5.288  | 4.706  | 585537  | 297512  | 282.455  | 278.954   |
| 11)                         | L3 AR-1232-1    | 5.288  | 4.706  | 585537  | 297512  | 357.249  | 342.564   |
| 12)                         | L3 AR-1232-2    | 5.873  | 5.539  | 797025  | 614031  | 931.915  | 841.827   |
| 13)                         | L3 AR-1232-3    | 6.191  | 5.732  | 1419882 | 345858  | 912.938  | 885.826   |
| 14)                         | L3 AR-1232-4    | 6.362  | 5.826  | 730210  | 348756  | 935.740  | 1004.869  |
| 15)                         | L3 AR-1232-5    | 6.461  | 6.013  | 569563  | 213610  | 1040.236 | 584.063 # |
| 16)                         | L4 AR-1242-1    | 6.167  | 5.518  | 953637  | 431668  | 478.571  | 473.919   |
| 17)                         | L4 AR-1242-2    | 6.191  | 5.539  | 1419882 | 614031  | 477.545  | 467.792   |
| 18)                         | L4 AR-1242-3    | 6.256  | 5.732  | 905478  | 345858  | 486.598  | 475.663   |
| 19)                         | L4 AR-1242-4    | 6.362  | 5.826  | 730210  | 348756  | 484.380  | 481.430   |
| 20)                         | L4 AR-1242-5    | 7.143  | 6.388  | 1147925 | 376994  | 752.966  | 480.340 # |
| 21)                         | L5 AR-1248-1    | 6.167  | 5.518  | 953637  | 431668  | 637.829  | 627.521   |
| 22)                         | L5 AR-1248-2    | 6.461  | 5.780  | 569563  | 271585  | 271.422  | 271.969   |
| 23)                         | L5 AR-1248-3    | 6.677  | 5.826  | 767968  | 348756  | 301.558  | 330.709   |
| 24)                         | L5 AR-1248-4    | 7.104  | 6.013  | 917304  | 213610  | 355.034  | 174.066 # |
| 25)                         | L5 AR-1248-5    | 7.143  | 6.431  | 1147925 | 311452  | 442.348  | 308.475 # |
| 26)                         | L6 AR-1254-1    | 7.074  | 6.388  | 627086  | 376994  | 229.116  | 224.818   |
| 27)                         | L6 AR-1254-2    | 7.307  | 6.545  | 974417  | 91226   | 234.007  | 62.907 #  |
| 28)                         | L6 AR-1254-3    | 7.682  | 6.966  | 900761  | 124511  | 207.395  | 54.369 #  |
| 29)                         | L6 AR-1254-4    | 7.978  | 7.202  | 468060  | 77433   | 161.225  | 64.757 #  |
| 30)                         | L6 AR-1254-5    | 8.406  | 7.630  | 163365  | 31274   | 48.937   | 16.937 #  |
| 31)                         | L7 AR-1260-1    | 7.851  | 7.115  | 132592  | 65397   | 41.600   | 41.949    |
| 32)                         | L7 AR-1260-2    | 8.111  | 7.276f | 416169  | 42615   | 110.743  | 23.817 #  |
| 33)                         | L7 AR-1260-3    | 0.000  | 7.451  | 0       | 13554   | N.D.     | 8.010 #   |
| 34)                         | L7 AR-1260-4    | 8.702  | 0.000  | 240118  | 0       | 68.969   | N.D. #    |
| 35)                         | L7 AR-1260-5    | 0.000  | 8.162f | 0       | 11793   | N.D.     | 3.798 #   |
| 36)                         | L8 AR-1262-1    | 0.000  | 7.630  | 0       | 31274   | N.D.     | 30.971 #  |
| 37)                         | L8 AR-1262-2    | 0.000  | 8.162f | 0       | 11793   | N.D.     | 3.654 #   |
| 39)                         | L8 AR-1262-4    | 9.440f | 0.000  | 12611   | 0       | 2.926    | N.D. #    |
| 42)                         | L9 AR-1268-2    | 9.440f | 0.000  | 12611   | 0       | 1.352    | N.D. #    |
| 43)                         | L9 AR-1268-3    | 9.642  | 0.000  | 8348    | 0       | 0.939    | N.D. #    |
| -----                       |                 |        |        |         |         |          |           |

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP031921\  
Data File : PP034154.D  
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
Acq On : 19 Mar 2021 9:28  
Operator : DD\AJ  
Sample : AR1242CCC500  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
ECD\_P  
ClientSampleId :

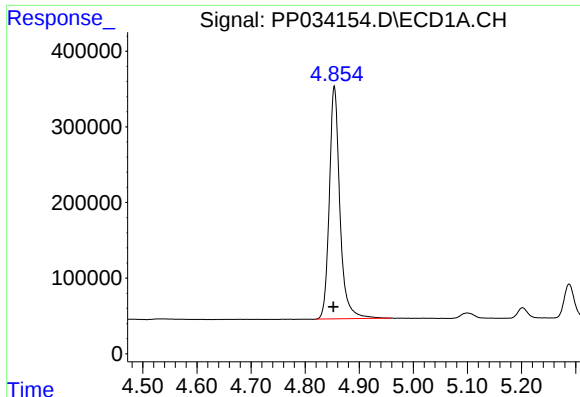
Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Mar 20 02:10:14 2021  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP031821.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Sat Mar 20 01:42:16 2021  
Response via : Initial Calibration  
Integrator: 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 |
|----------|------|------|--------|--------|-------|-------|
|----------|------|------|--------|--------|-------|-------|

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

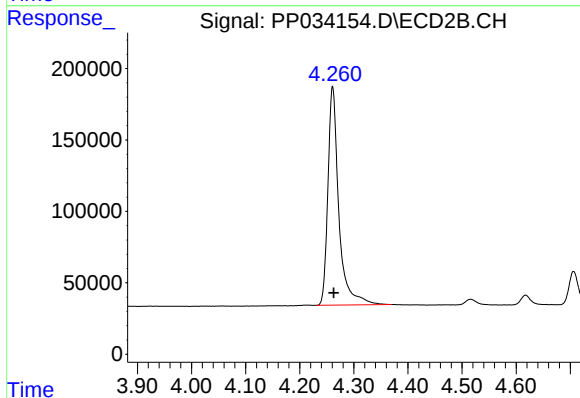




#1 Tetrachloro-m-xylene

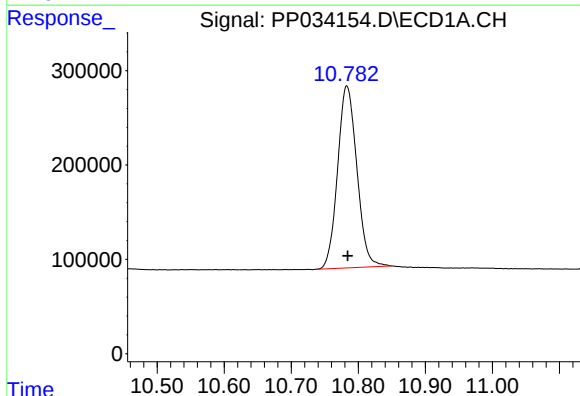
R.T.: 4.854 min  
Delta R.T.: 0.002 min  
Response: 4182733  
Conc: 49.79 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



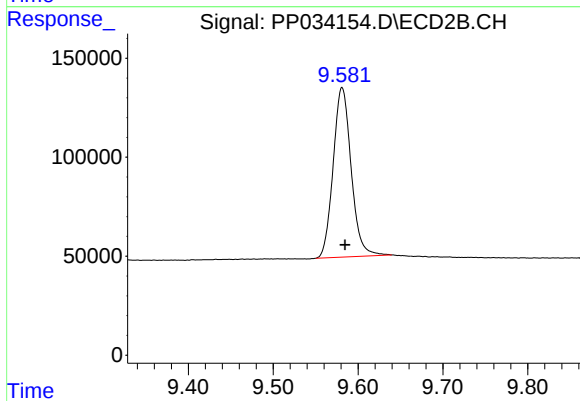
#1 Tetrachloro-m-xylene

R.T.: 4.261 min  
Delta R.T.: -0.002 min  
Response: 2148347  
Conc: 48.55 ng/ml



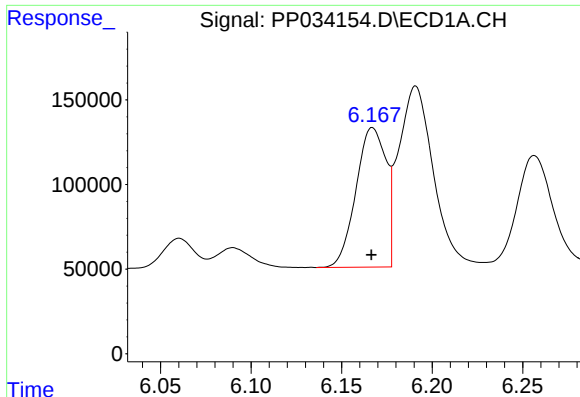
#2 Decachlorobiphenyl

R.T.: 10.783 min  
Delta R.T.: -0.001 min  
Response: 3849902  
Conc: 49.06 ng/ml



#2 Decachlorobiphenyl

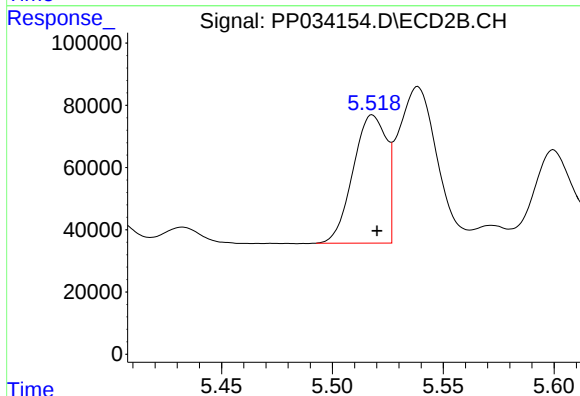
R.T.: 9.581 min  
Delta R.T.: -0.003 min  
Response: 1263428  
Conc: 47.88 ng/ml



#3 AR-1016-1

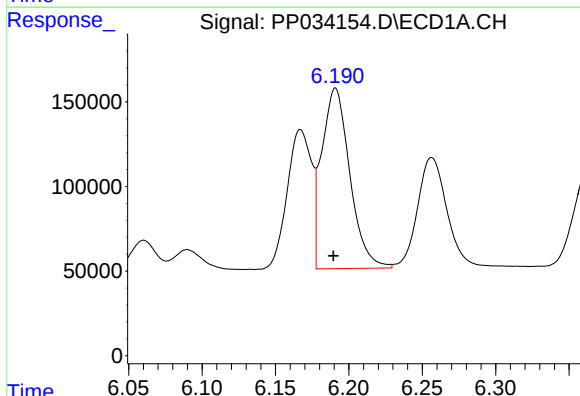
R.T.: 6.167 min  
Delta R.T.: 0.000 min  
Response: 953637  
Conc: 379.15 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



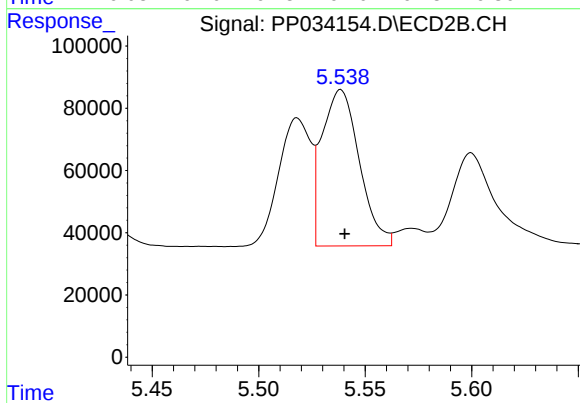
#3 AR-1016-1

R.T.: 5.518 min  
Delta R.T.: -0.002 min  
Response: 431668  
Conc: 376.87 ng/ml



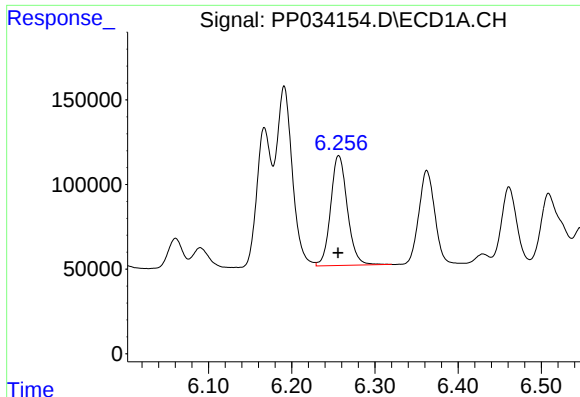
#4 AR-1016-2

R.T.: 6.191 min  
Delta R.T.: 0.001 min  
Response: 1419882  
Conc: 375.02 ng/ml



#4 AR-1016-2

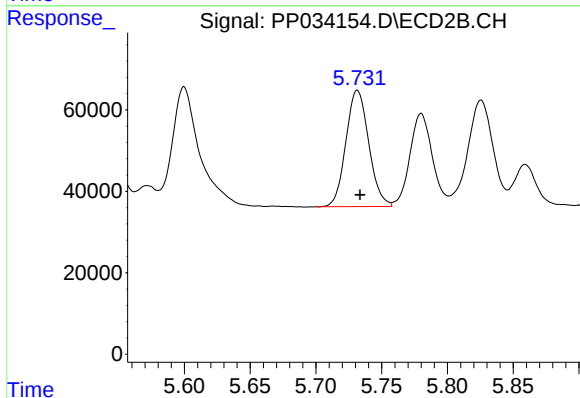
R.T.: 5.539 min  
Delta R.T.: -0.002 min  
Response: 614031  
Conc: 364.77 ng/ml



#5 AR-1016-3

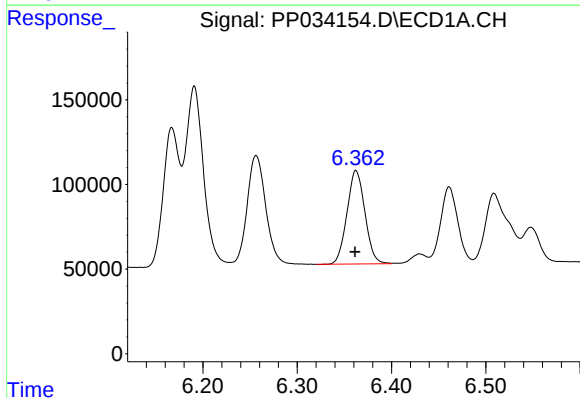
R.T.: 6.256 min  
Delta R.T.: 0.000 min  
Response: 905478  
Conc: 384.69 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



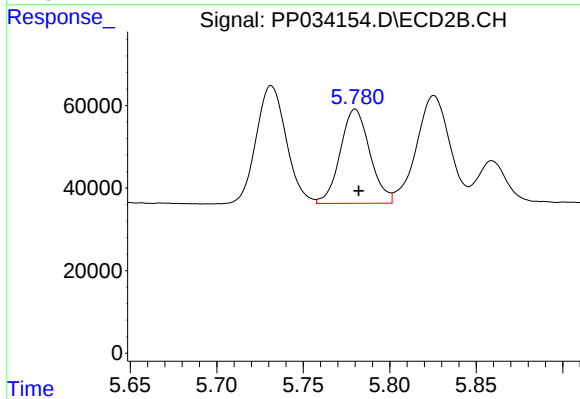
#5 AR-1016-3

R.T.: 5.732 min  
Delta R.T.: -0.002 min  
Response: 345858  
Conc: 383.25 ng/ml



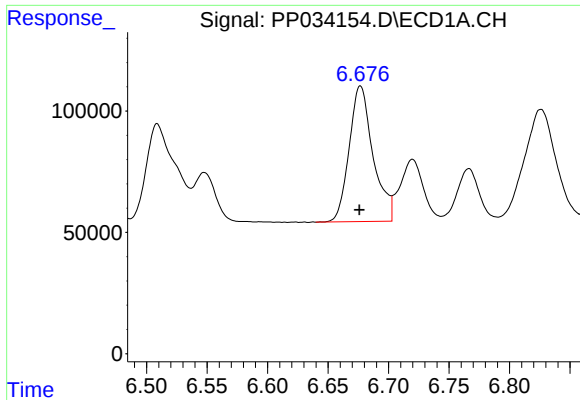
#6 AR-1016-4

R.T.: 6.362 min  
Delta R.T.: 0.001 min  
Response: 730210  
Conc: 383.91 ng/ml



#6 AR-1016-4

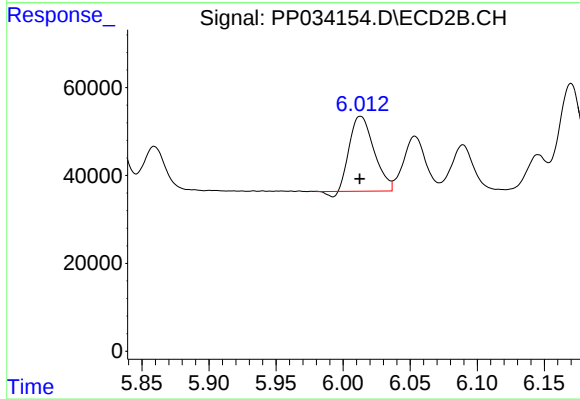
R.T.: 5.780 min  
Delta R.T.: -0.002 min  
Response: 271585  
Conc: 369.85 ng/ml



#7 AR-1016-5

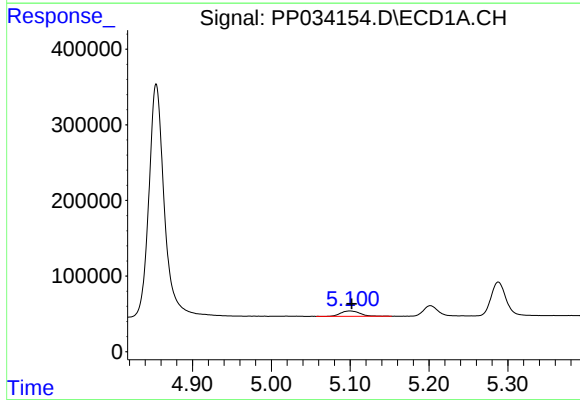
R.T.: 6.677 min  
Delta R.T.: 0.000 min  
Response: 767968  
Conc: 397.68 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



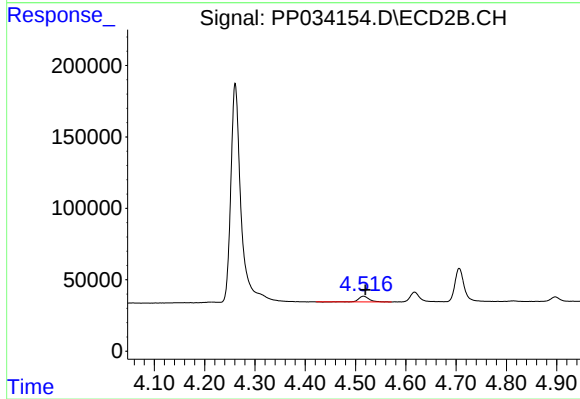
#7 AR-1016-5

R.T.: 6.013 min  
Delta R.T.: 0.000 min  
Response: 213610  
Conc: 226.12 ng/ml



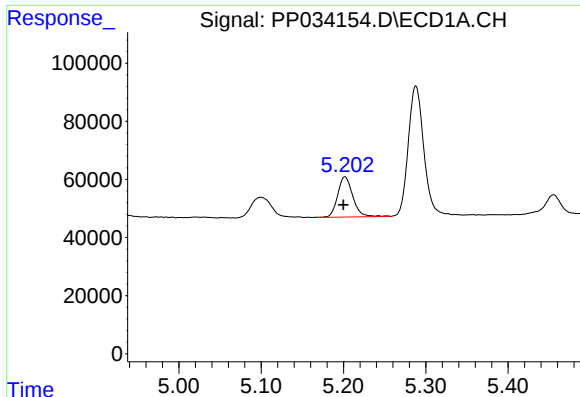
#8 AR-1221-1

R.T.: 5.100 min  
Delta R.T.: -0.002 min  
Response: 119892  
Conc: 132.04 ng/ml



#8 AR-1221-1

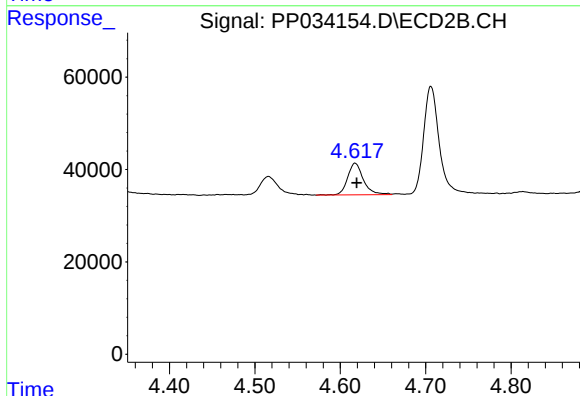
R.T.: 4.516 min  
Delta R.T.: -0.003 min  
Response: 57841  
Conc: 123.31 ng/ml



#9 AR-1221-2

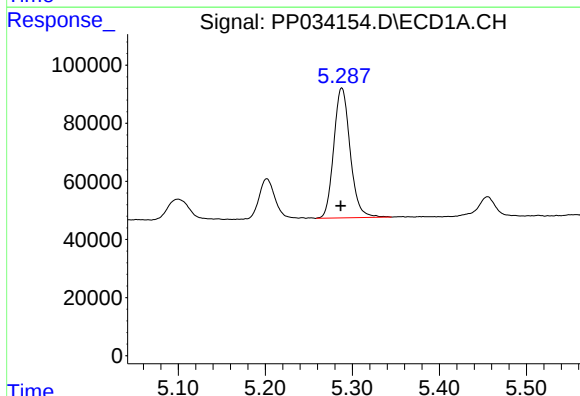
R.T.: 5.202 min  
Delta R.T.: 0.002 min  
Response: 178165  
Conc: 258.88 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



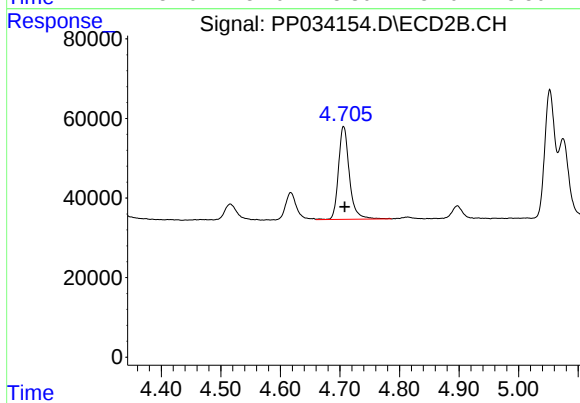
#9 AR-1221-2

R.T.: 4.617 min  
Delta R.T.: -0.002 min  
Response: 88145  
Conc: 248.56 ng/ml



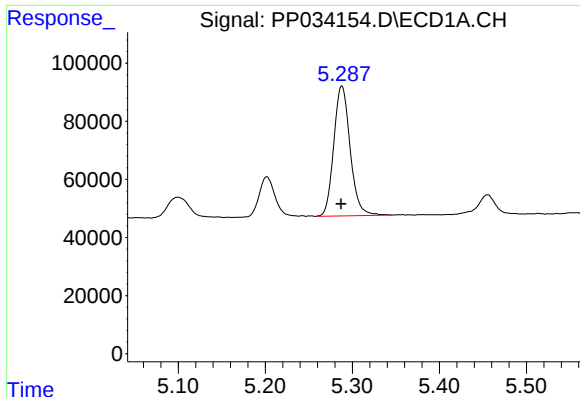
#10 AR-1221-3

R.T.: 5.288 min  
Delta R.T.: 0.001 min  
Response: 585537  
Conc: 282.45 ng/ml



#10 AR-1221-3

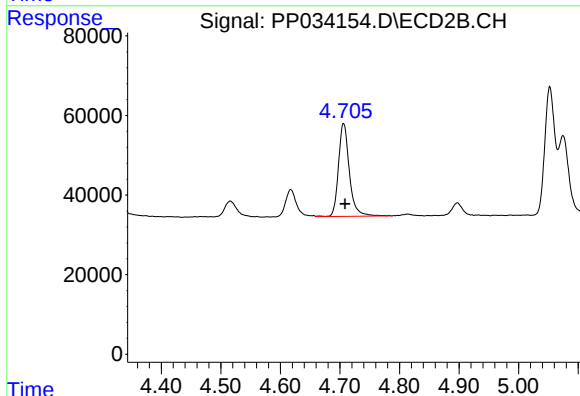
R.T.: 4.706 min  
Delta R.T.: -0.002 min  
Response: 297512  
Conc: 278.95 ng/ml



#11 AR-1232-1

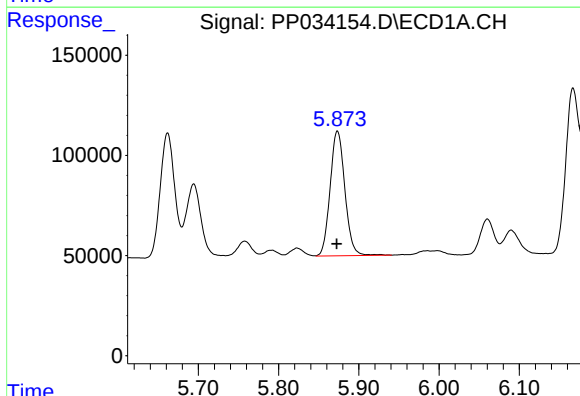
R.T.: 5.288 min  
Delta R.T.: 0.001 min  
Response: 585537  
Conc: 357.25 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



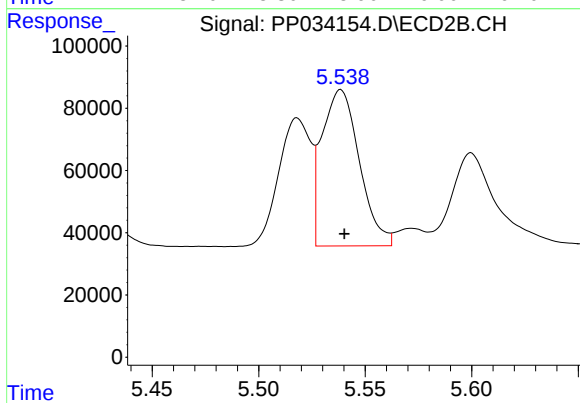
#11 AR-1232-1

R.T.: 4.706 min  
Delta R.T.: -0.002 min  
Response: 297512  
Conc: 342.56 ng/ml



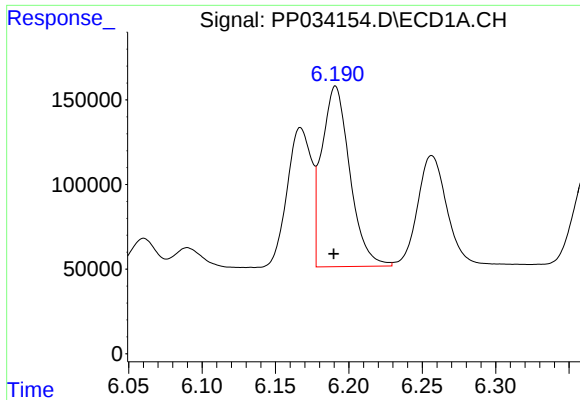
#12 AR-1232-2

R.T.: 5.873 min  
Delta R.T.: 0.001 min  
Response: 797025  
Conc: 931.92 ng/ml



#12 AR-1232-2

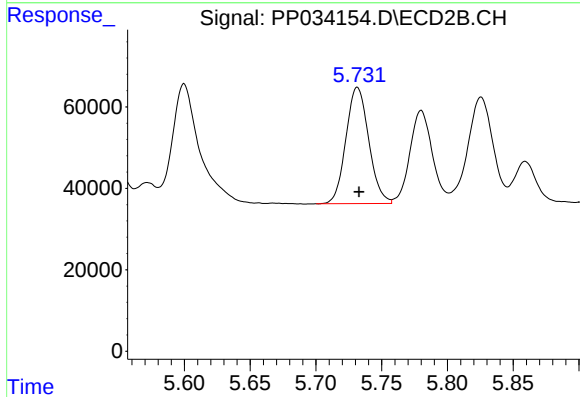
R.T.: 5.539 min  
Delta R.T.: -0.002 min  
Response: 614031  
Conc: 841.83 ng/ml



#13 AR-1232-3

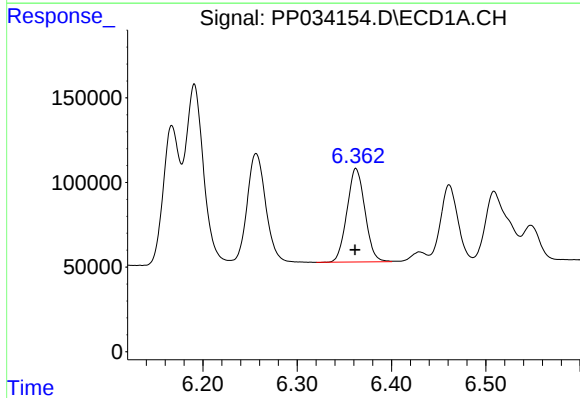
R.T.: 6.191 min  
Delta R.T.: 0.001 min  
Response: 1419882  
Conc: 912.94 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



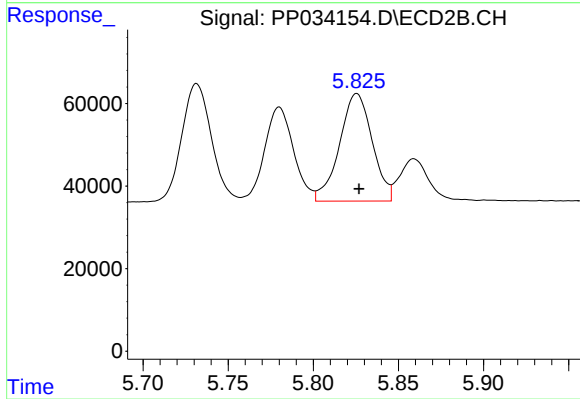
#13 AR-1232-3

R.T.: 5.732 min  
Delta R.T.: -0.001 min  
Response: 345858  
Conc: 885.83 ng/ml



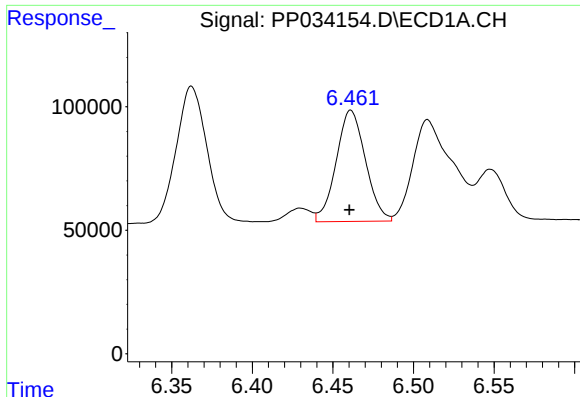
#14 AR-1232-4

R.T.: 6.362 min  
Delta R.T.: 0.000 min  
Response: 730210  
Conc: 935.74 ng/ml



#14 AR-1232-4

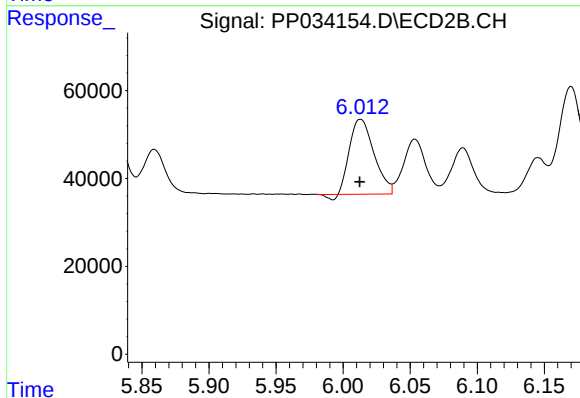
R.T.: 5.826 min  
Delta R.T.: -0.001 min  
Response: 348756  
Conc: 1004.87 ng/ml



#15 AR-1232-5

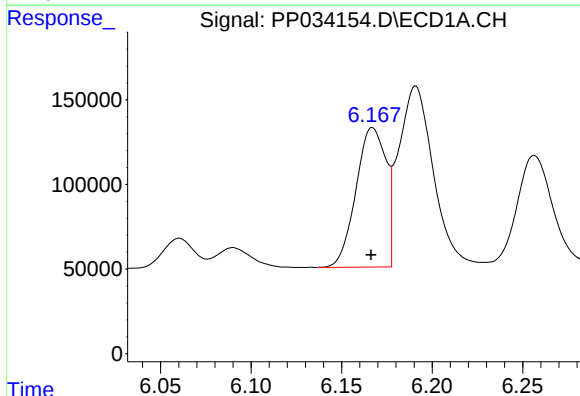
R.T.: 6.461 min  
Delta R.T.: 0.000 min  
Response: 569563  
Conc: 1040.24 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



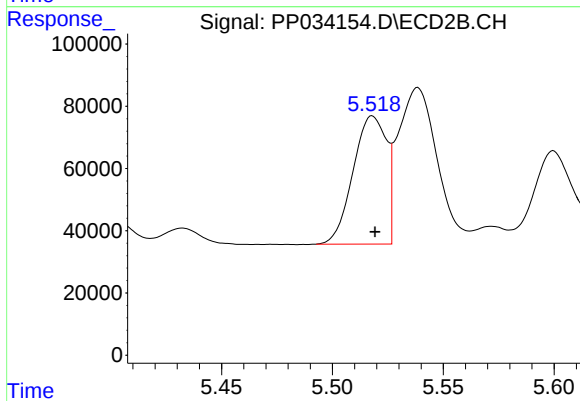
#15 AR-1232-5

R.T.: 6.013 min  
Delta R.T.: 0.000 min  
Response: 213610  
Conc: 584.06 ng/ml



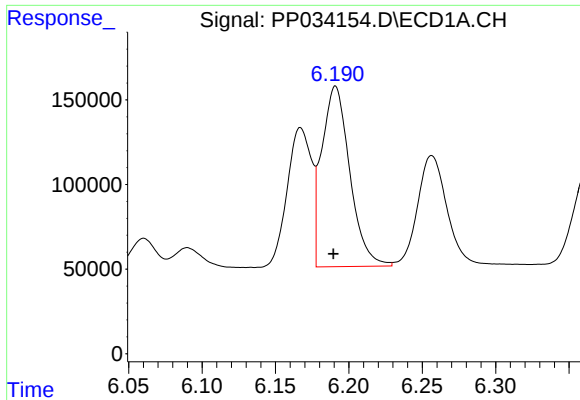
#16 AR-1242-1

R.T.: 6.167 min  
Delta R.T.: 0.000 min  
Response: 953637  
Conc: 478.57 ng/ml



#16 AR-1242-1

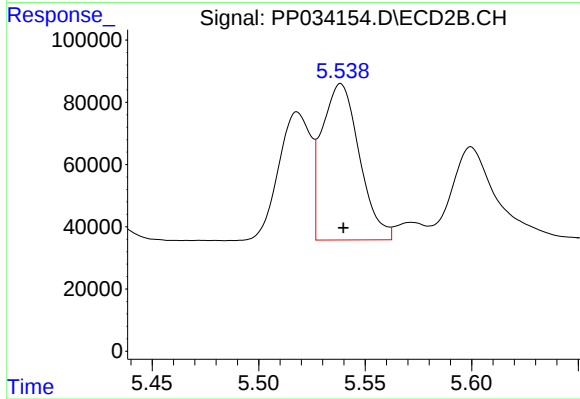
R.T.: 5.518 min  
Delta R.T.: -0.001 min  
Response: 431668  
Conc: 473.92 ng/ml



#17 AR-1242-2

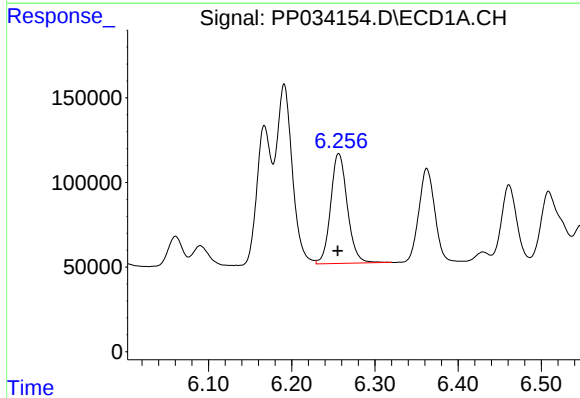
R.T.: 6.191 min  
Delta R.T.: 0.001 min  
Response: 1419882  
Conc: 477.55 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



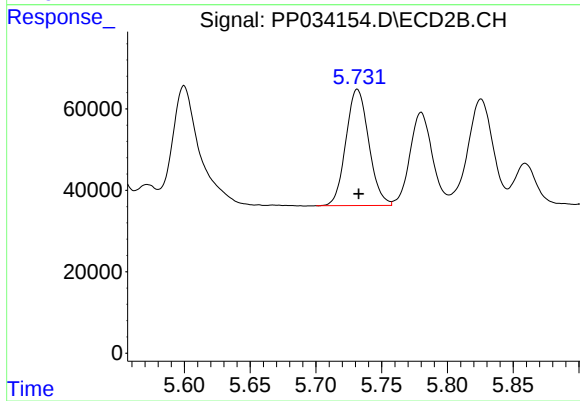
#17 AR-1242-2

R.T.: 5.539 min  
Delta R.T.: -0.001 min  
Response: 614031  
Conc: 467.79 ng/ml



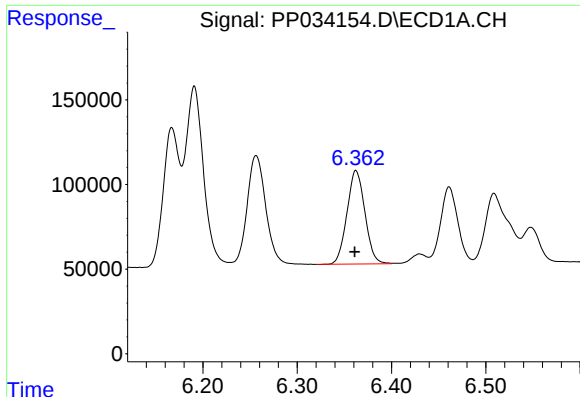
#18 AR-1242-3

R.T.: 6.256 min  
Delta R.T.: 0.001 min  
Response: 905478  
Conc: 486.60 ng/ml



#18 AR-1242-3

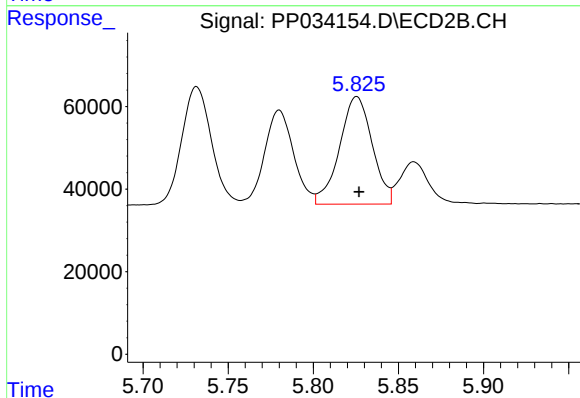
R.T.: 5.732 min  
Delta R.T.: -0.001 min  
Response: 345858  
Conc: 475.66 ng/ml



#19 AR-1242-4

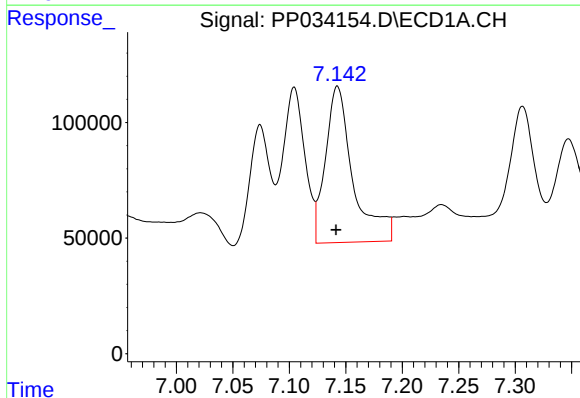
R.T.: 6.362 min  
Delta R.T.: 0.001 min  
Response: 730210  
Conc: 484.38 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



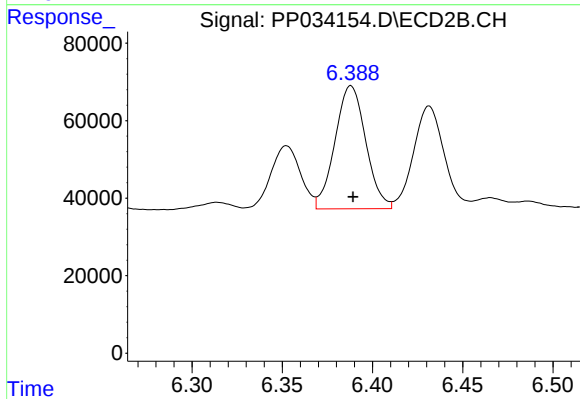
#19 AR-1242-4

R.T.: 5.826 min  
Delta R.T.: -0.001 min  
Response: 348756  
Conc: 481.43 ng/ml



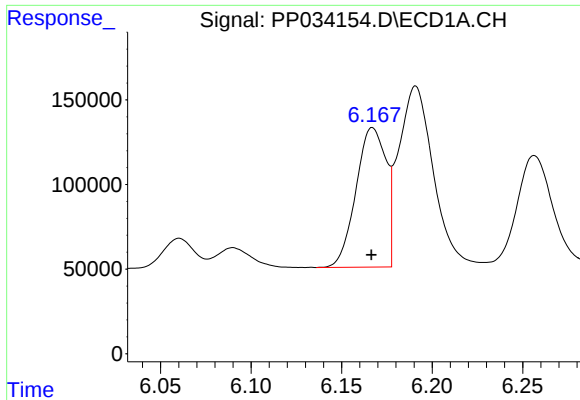
#20 AR-1242-5

R.T.: 7.143 min  
Delta R.T.: 0.001 min  
Response: 1147925  
Conc: 752.97 ng/ml



#20 AR-1242-5

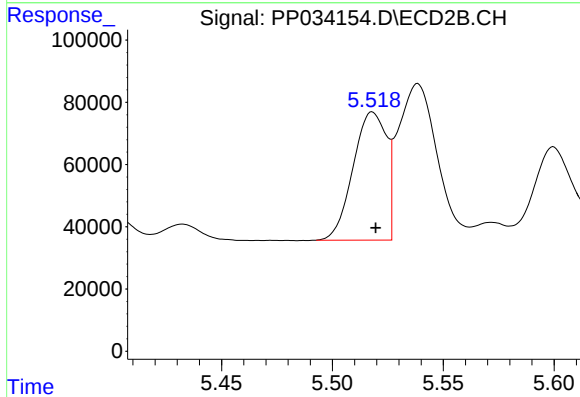
R.T.: 6.388 min  
Delta R.T.: -0.001 min  
Response: 376994  
Conc: 480.34 ng/ml



#21 AR-1248-1

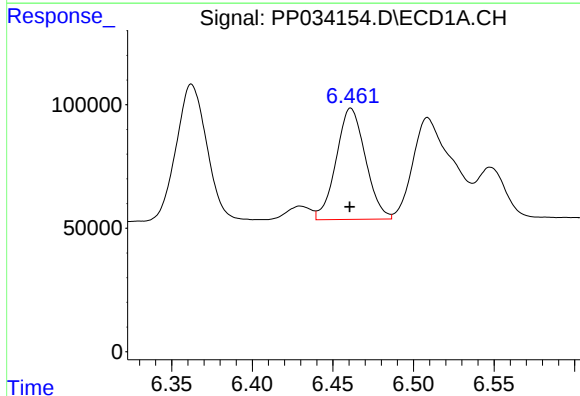
R.T.: 6.167 min  
Delta R.T.: 0.000 min  
Response: 953637  
Conc: 637.83 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



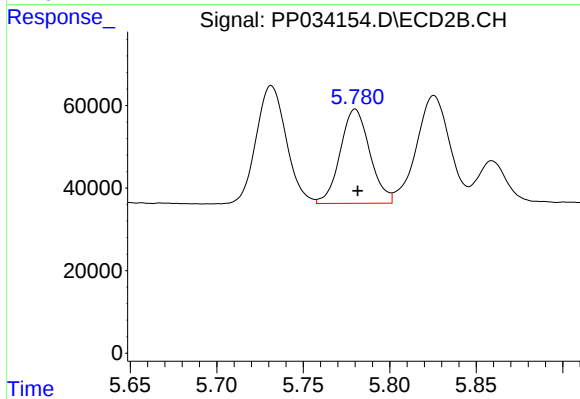
#21 AR-1248-1

R.T.: 5.518 min  
Delta R.T.: -0.002 min  
Response: 431668  
Conc: 627.52 ng/ml



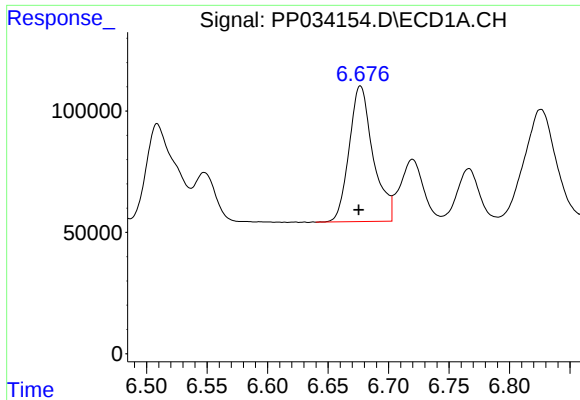
#22 AR-1248-2

R.T.: 6.461 min  
Delta R.T.: 0.000 min  
Response: 569563  
Conc: 271.42 ng/ml



#22 AR-1248-2

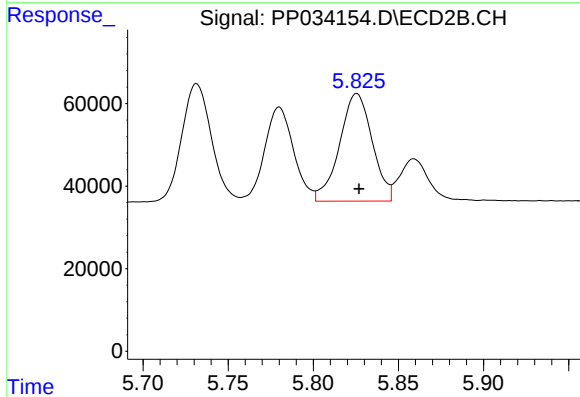
R.T.: 5.780 min  
Delta R.T.: -0.001 min  
Response: 271585  
Conc: 271.97 ng/ml



#23 AR-1248-3

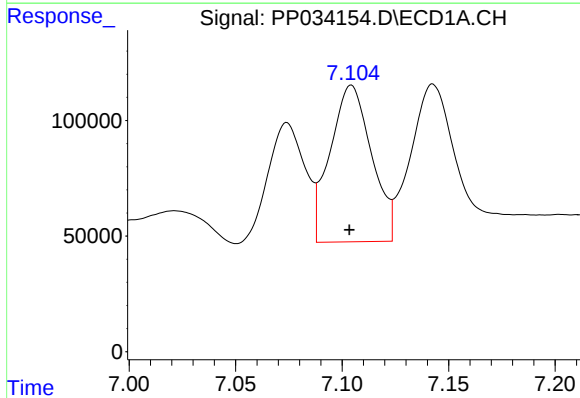
R.T.: 6.677 min  
Delta R.T.: 0.001 min  
Response: 767968  
Conc: 301.56 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



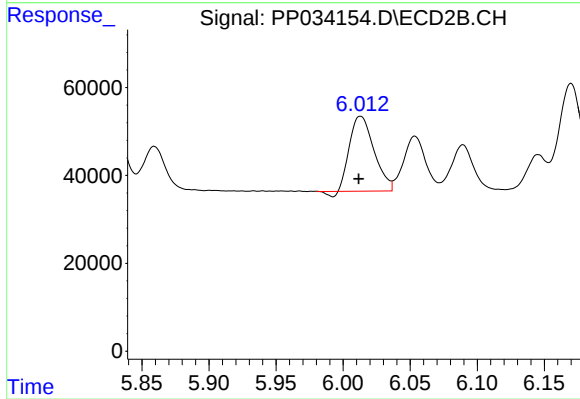
#23 AR-1248-3

R.T.: 5.826 min  
Delta R.T.: -0.001 min  
Response: 348756  
Conc: 330.71 ng/ml



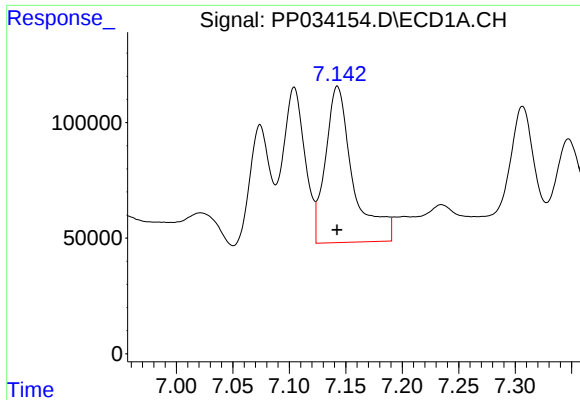
#24 AR-1248-4

R.T.: 7.104 min  
Delta R.T.: 0.000 min  
Response: 917304  
Conc: 355.03 ng/ml



#24 AR-1248-4

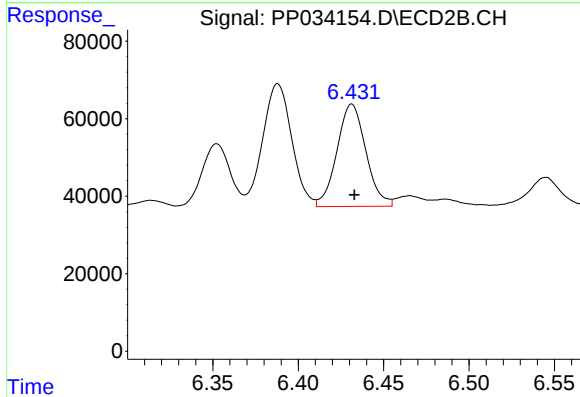
R.T.: 6.013 min  
Delta R.T.: 0.001 min  
Response: 213610  
Conc: 174.07 ng/ml



#25 AR-1248-5

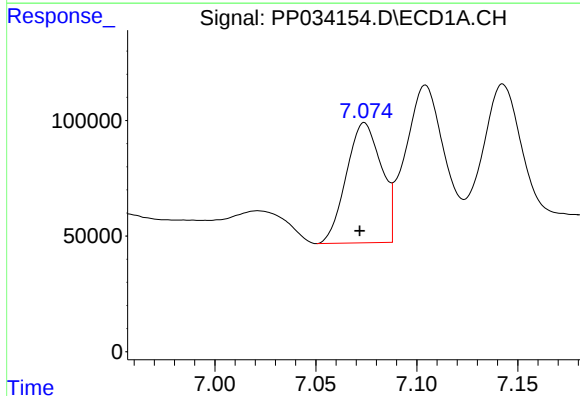
R.T.: 7.143 min  
Delta R.T.: 0.000 min  
Response: 1147925  
Conc: 442.35 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



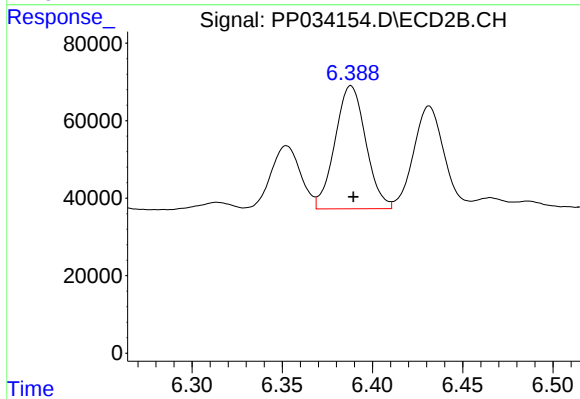
#25 AR-1248-5

R.T.: 6.431 min  
Delta R.T.: -0.002 min  
Response: 311452  
Conc: 308.47 ng/ml



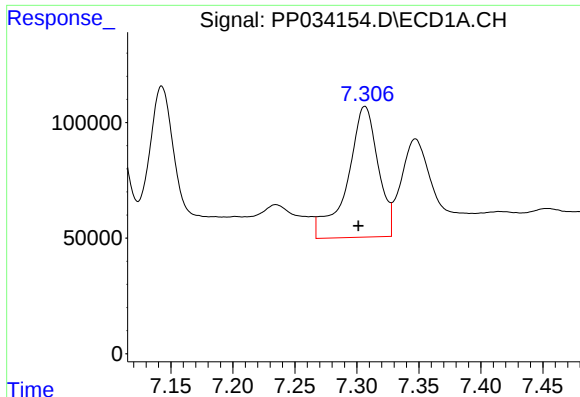
#26 AR-1254-1

R.T.: 7.074 min  
Delta R.T.: 0.002 min  
Response: 627086  
Conc: 229.12 ng/ml



#26 AR-1254-1

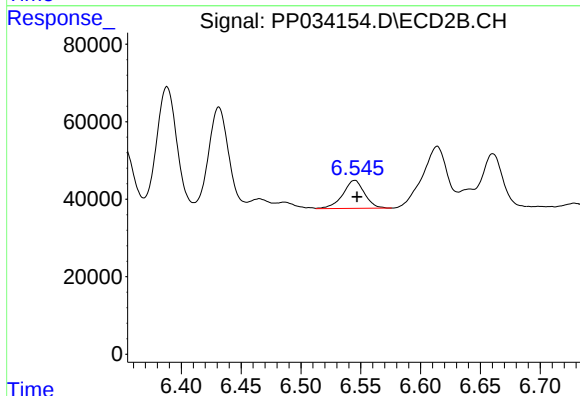
R.T.: 6.388 min  
Delta R.T.: -0.001 min  
Response: 376994  
Conc: 224.82 ng/ml



#27 AR-1254-2

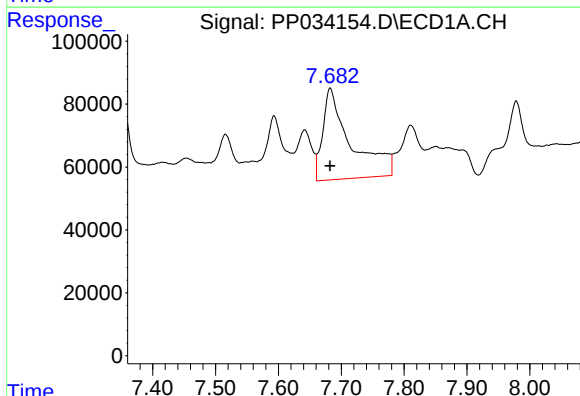
R.T.: 7.307 min  
Delta R.T.: 0.005 min  
Response: 974417  
Conc: 234.01 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



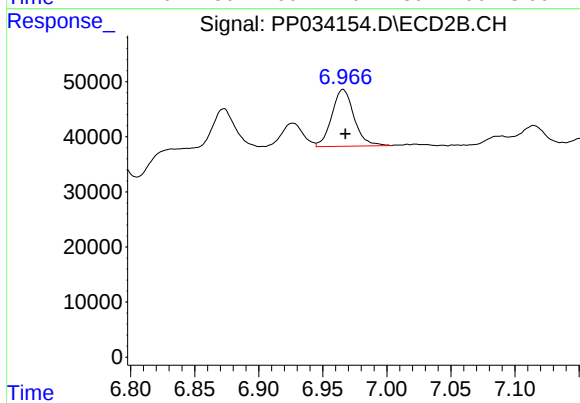
#27 AR-1254-2

R.T.: 6.545 min  
Delta R.T.: -0.002 min  
Response: 91226  
Conc: 62.91 ng/ml



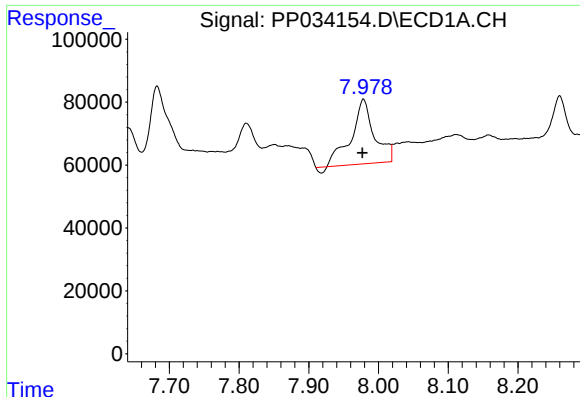
#28 AR-1254-3

R.T.: 7.682 min  
Delta R.T.: 0.000 min  
Response: 900761  
Conc: 207.40 ng/ml



#28 AR-1254-3

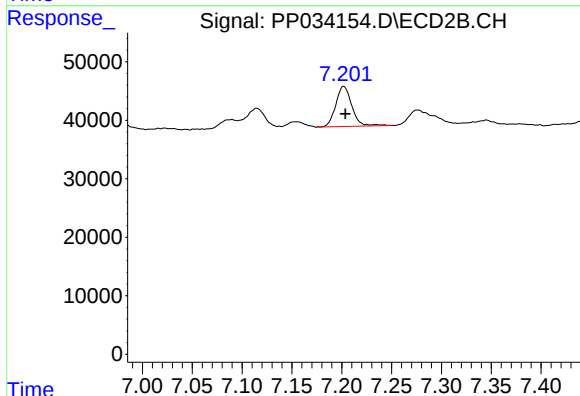
R.T.: 6.966 min  
Delta R.T.: -0.002 min  
Response: 124511  
Conc: 54.37 ng/ml



#29 AR-1254-4

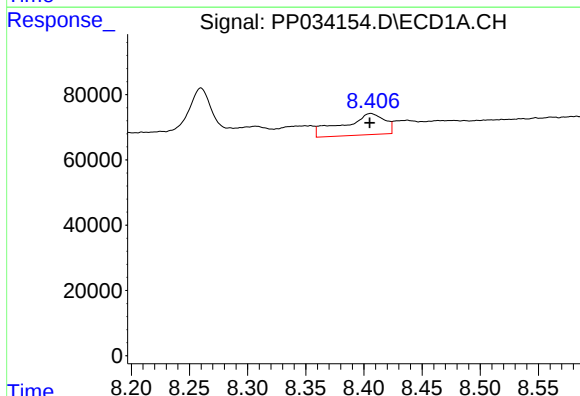
R.T.: 7.978 min  
Delta R.T.: 0.001 min  
Response: 468060  
Conc: 161.23 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



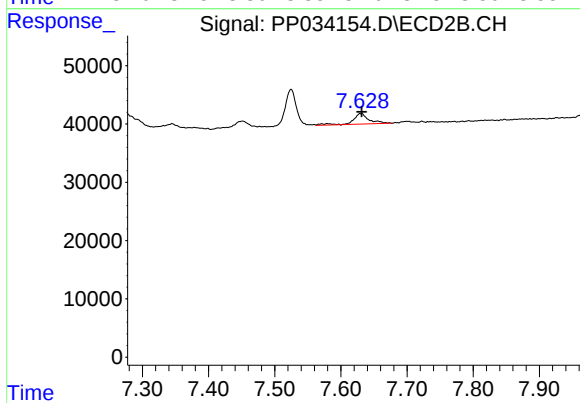
#29 AR-1254-4

R.T.: 7.202 min  
Delta R.T.: -0.002 min  
Response: 77433  
Conc: 64.76 ng/ml



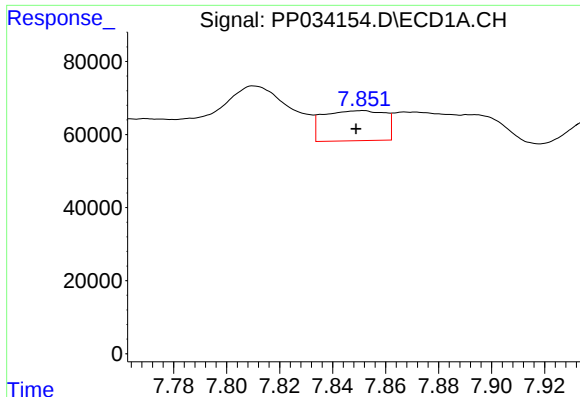
#30 AR-1254-5

R.T.: 8.406 min  
Delta R.T.: 0.000 min  
Response: 163365  
Conc: 48.94 ng/ml



#30 AR-1254-5

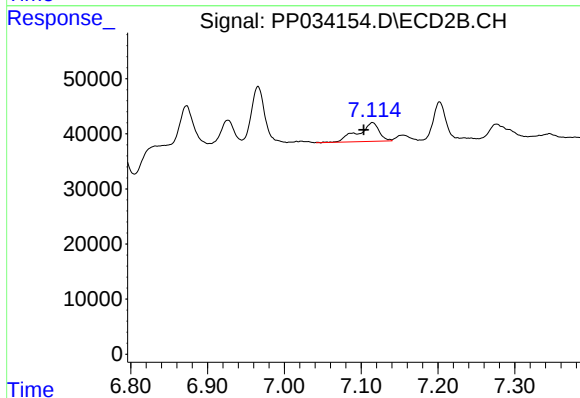
R.T.: 7.630 min  
Delta R.T.: -0.002 min  
Response: 31274  
Conc: 16.94 ng/ml



#31 AR-1260-1

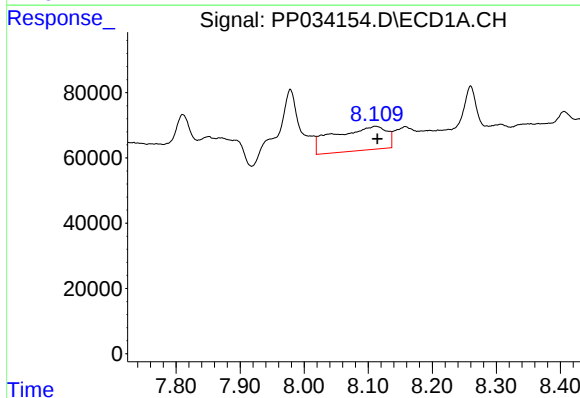
R.T.: 7.851 min  
Delta R.T.: 0.002 min  
Response: 132592  
Conc: 41.60 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



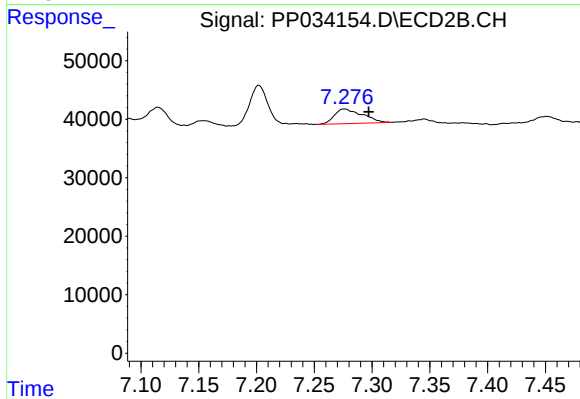
#31 AR-1260-1

R.T.: 7.115 min  
Delta R.T.: 0.012 min  
Response: 65397  
Conc: 41.95 ng/ml



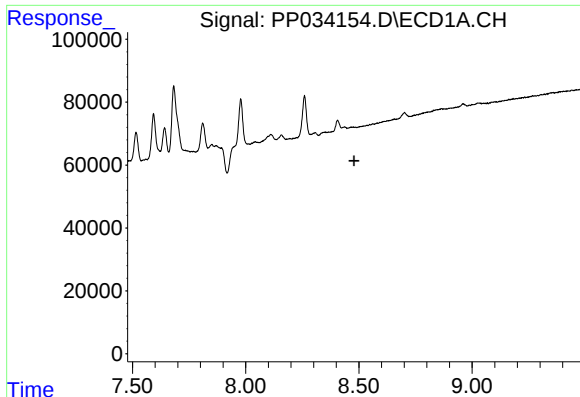
#32 AR-1260-2

R.T.: 8.111 min  
Delta R.T.: -0.003 min  
Response: 416169  
Conc: 110.74 ng/ml



#32 AR-1260-2

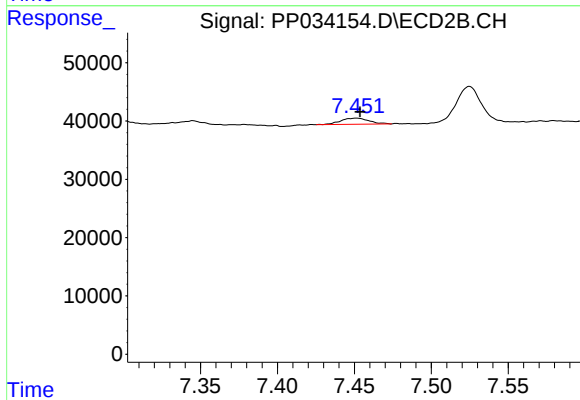
R.T.: 7.276 min  
Delta R.T.: -0.021 min  
Response: 42615  
Conc: 23.82 ng/ml



#33 AR-1260-3

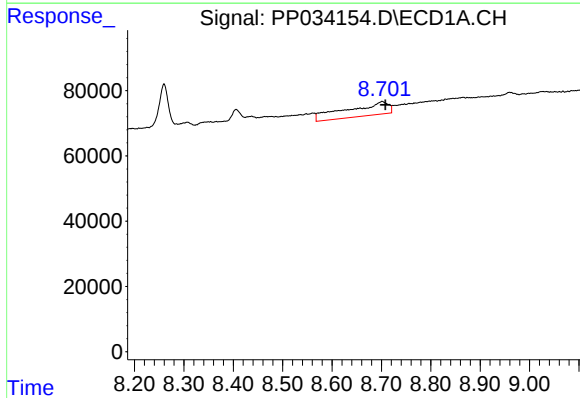
R.T.: 0.000 min  
Exp R.T.: 8.478 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :



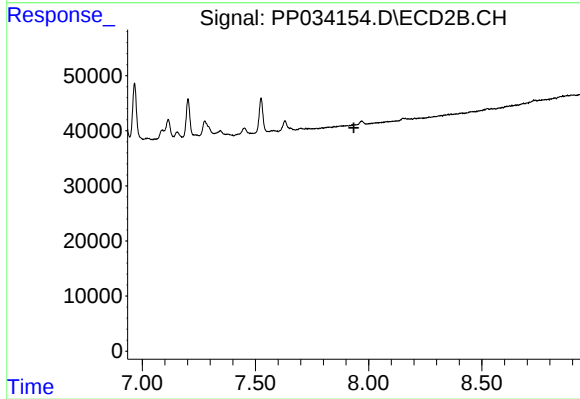
#33 AR-1260-3

R.T.: 7.451 min  
Delta R.T.: -0.002 min  
Response: 13554  
Conc: 8.01 ng/ml



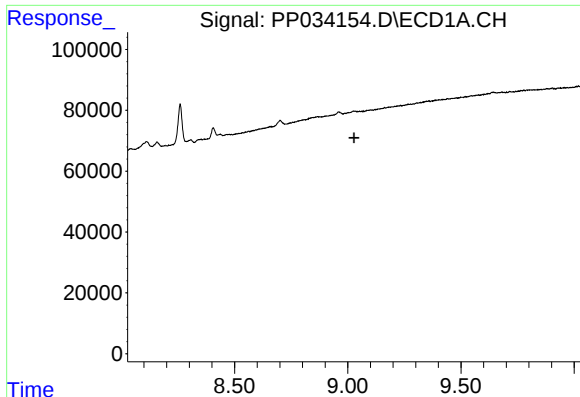
#34 AR-1260-4

R.T.: 8.702 min  
Delta R.T.: -0.007 min  
Response: 240118  
Conc: 68.97 ng/ml



#34 AR-1260-4

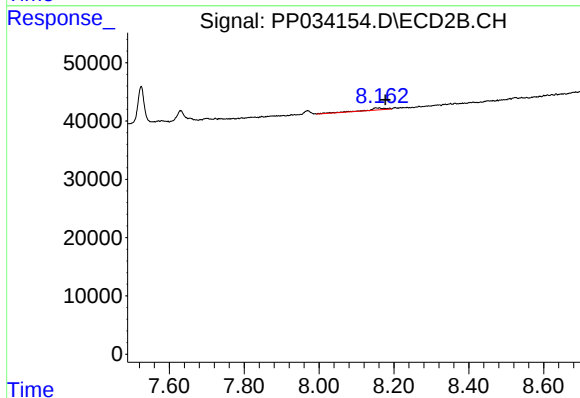
R.T.: 0.000 min  
Exp R.T.: 7.934 min  
Response: 0  
Conc: N.D.



#35 AR-1260-5

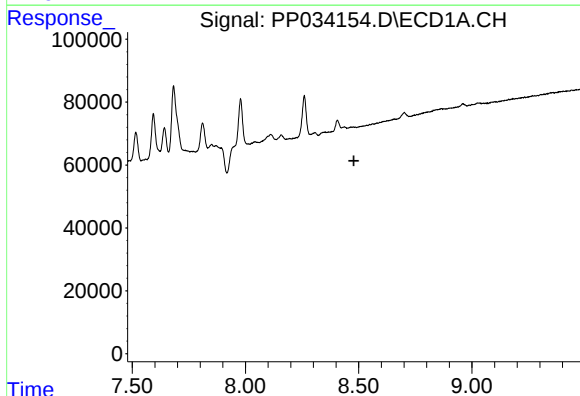
R.T.: 0.000 min  
Exp R.T. : 9.028 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :



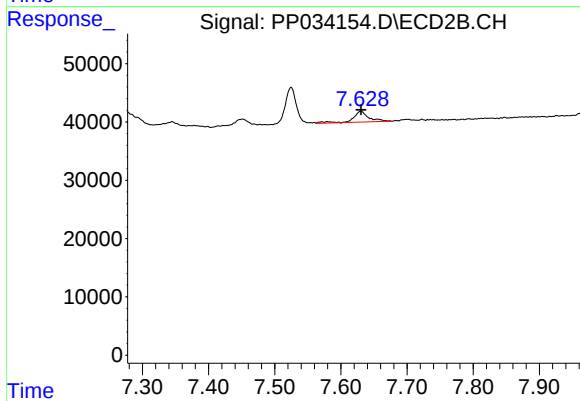
#35 AR-1260-5

R.T.: 8.162 min  
Delta R.T.: -0.016 min  
Response: 11793  
Conc: 3.80 ng/ml



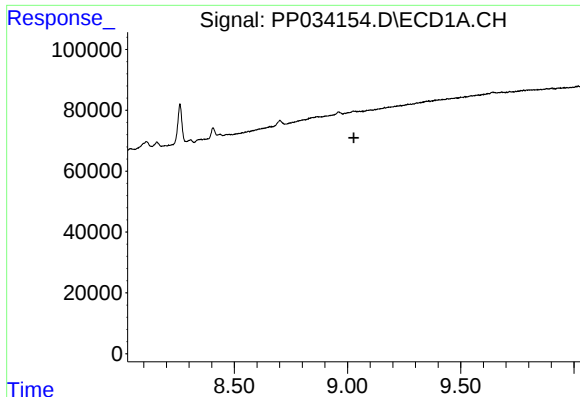
#36 AR-1262-1

R.T.: 0.000 min  
Exp R.T. : 8.479 min  
Response: 0  
Conc: N.D.



#36 AR-1262-1

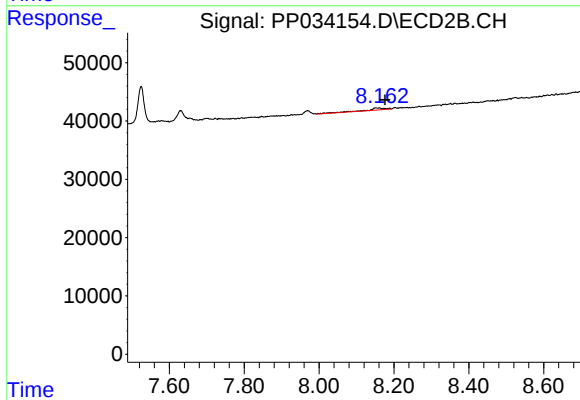
R.T.: 7.630 min  
Delta R.T.: 0.000 min  
Response: 31274  
Conc: 30.97 ng/ml



#37 AR-1262-2

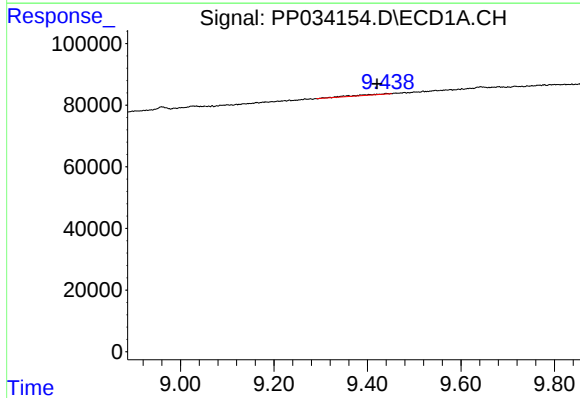
R.T.: 0.000 min  
Exp R.T.: 9.028 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :



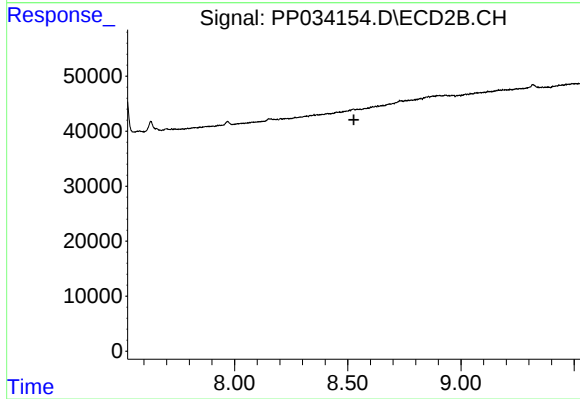
#37 AR-1262-2

R.T.: 8.162 min  
Delta R.T.: -0.015 min  
Response: 11793  
Conc: 3.65 ng/ml



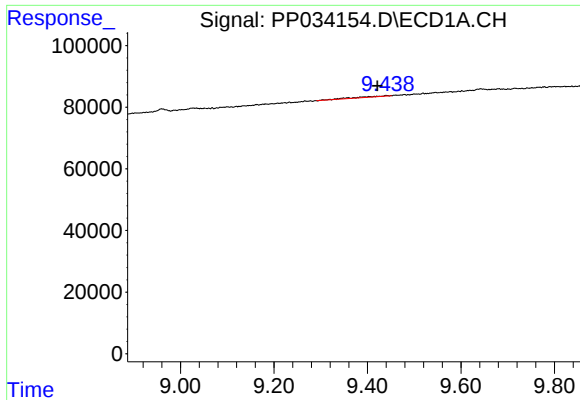
#39 AR-1262-4

R.T.: 9.440 min  
Delta R.T.: 0.020 min  
Response: 12611  
Conc: 2.93 ng/ml



#39 AR-1262-4

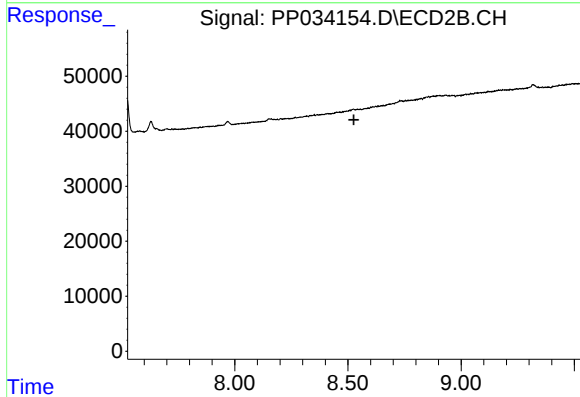
R.T.: 0.000 min  
Exp R.T.: 8.527 min  
Response: 0  
Conc: N.D.



#42 AR-1268-2

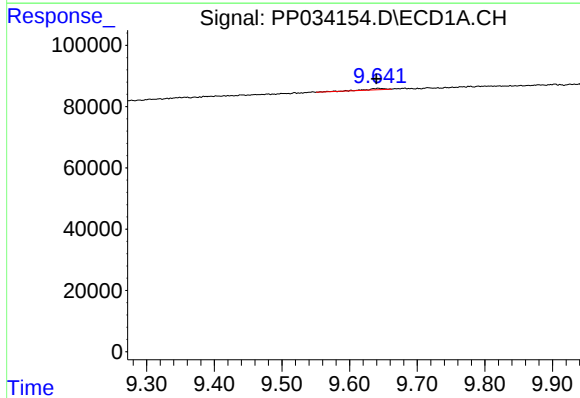
R.T.: 9.440 min  
Delta R.T.: 0.019 min  
Response: 12611  
Conc: 1.35 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



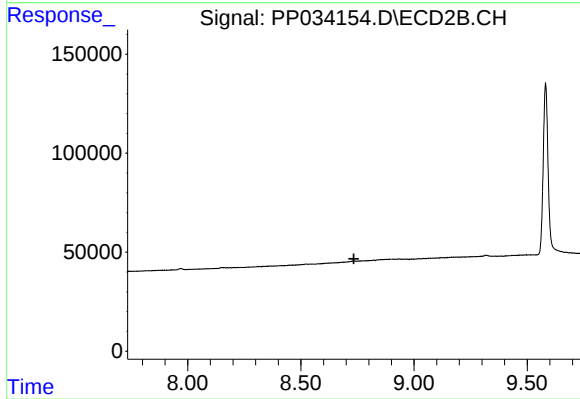
#42 AR-1268-2

R.T.: 0.000 min  
Exp R.T. : 8.527 min  
Response: 0  
Conc: N.D.



#43 AR-1268-3

R.T.: 9.642 min  
Delta R.T.: 0.003 min  
Response: 8348  
Conc: 0.94 ng/ml



#43 AR-1268-3

R.T.: 0.000 min  
Exp R.T. : 8.734 min  
Response: 0  
Conc: N.D.