

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP102121\  
 Data File : PP040316.D  
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
 Acq On : 21 Oct 2021 11:16  
 Operator : AJ\MA  
 Sample : AR1248CCC500  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 21 16:37:47 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP102121.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Wed Oct 13 08:03:59 2021  
 Response via : Initial Calibration  
 Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

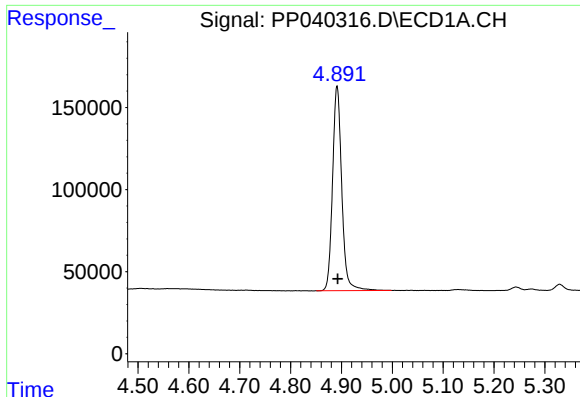
Volume Inj. : 2 µl  
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

|                             | Compound        | RT#1   | RT#2  | Resp#1  | Resp#2  | ng/ml    | ng/ml      |
|-----------------------------|-----------------|--------|-------|---------|---------|----------|------------|
| -----                       |                 |        |       |         |         |          |            |
| System Monitoring Compounds |                 |        |       |         |         |          |            |
| 1)                          | SA Tetrachlo... | 4.891  | 3.979 | 1566683 | 873732  | 51.589   | 51.682     |
| 2)                          | SA Decachlor... | 10.908 | 9.302 | 1287054 | 1097580 | 52.072   | 51.717     |
| Target Compounds            |                 |        |       |         |         |          |            |
| 3)                          | L1 AR-1016-1    | 6.215  | 5.241 | 310002  | 188322  | 313.954  | 288.573    |
| 4)                          | L1 AR-1016-2    | 6.239  | 5.261 | 389910  | 202199  | 272.856  | 221.168    |
| 5)                          | L1 AR-1016-3    | 6.304  | 5.455 | 194425  | 131227  | 223.101  | 259.383    |
| 6)                          | L1 AR-1016-4    | 6.410  | 5.506 | 208967  | 261348  | 293.683  | 638.286 #  |
| 7)                          | L1 AR-1016-5    | 6.727  | 5.737 | 477138  | 320049  | 745.997  | 639.250    |
| 9)                          | L2 AR-1221-2    | 5.243  | 4.334 | 18037   | 17732   | 80.957   | 105.416 #  |
| 10)                         | L2 AR-1221-3    | 5.329  | 4.426 | 44850   | 38312   | 55.633   | 70.746 #   |
| 11)                         | L3 AR-1232-1    | 5.329  | 4.426 | 44850   | 38312   | 72.078   | 94.327 #   |
| 12)                         | L3 AR-1232-2    | 5.918  | 5.261 | 156190  | 202199  | 455.075  | 517.219    |
| 13)                         | L3 AR-1232-3    | 6.239  | 5.455 | 389910  | 131227  | 616.859  | 633.530    |
| 14)                         | L3 AR-1232-4    | 6.410  | 5.551 | 208967  | 268986  | 666.281  | 1421.621 # |
| 15)                         | L3 AR-1232-5    | 6.509  | 5.737 | 403607  | 320049  | 1721.204 | 1550.165   |
| 16)                         | L4 AR-1242-1    | 6.215  | 5.241 | 310002  | 188322  | 394.815  | 378.477    |
| 17)                         | L4 AR-1242-2    | 6.239  | 5.261 | 389910  | 202199  | 343.747  | 296.046    |
| 18)                         | L4 AR-1242-3    | 6.304  | 5.455 | 194425  | 131227  | 279.745  | 347.810    |
| 19)                         | L4 AR-1242-4    | 6.410  | 5.551 | 208967  | 268986  | 362.669  | 726.151 #  |
| 20)                         | L4 AR-1242-5    | 7.196  | 6.117 | 445545  | 436727  | 851.902  | 915.639    |
| 21)                         | L5 AR-1248-1    | 6.215  | 5.241 | 310002  | 188322  | 502.516  | 483.031    |
| 22)                         | L5 AR-1248-2    | 6.509  | 5.506 | 403607  | 261348  | 504.183  | 486.230    |
| 23)                         | L5 AR-1248-3    | 6.727  | 5.551 | 477138  | 268986  | 532.133  | 475.837    |
| 24)                         | L5 AR-1248-4    | 7.157  | 5.737 | 463462  | 320049  | 503.631  | 500.809    |
| 25)                         | L5 AR-1248-5    | 7.196  | 6.160 | 445545  | 304028  | 503.669  | 487.351    |
| 26)                         | L6 AR-1254-1    | 7.125  | 6.117 | 370030  | 436727  | 398.827  | 455.861    |
| 27)                         | L6 AR-1254-2    | 7.360  | 6.277 | 450405  | 134617  | 325.350  | 152.524 #  |
| 28)                         | L6 AR-1254-3    | 7.738  | 6.700 | 245536  | 212783  | 172.347  | 156.072    |
| 29)                         | L6 AR-1254-4    | 8.036  | 6.939 | 162861  | 129438  | 153.906  | 150.908    |
| 30)                         | L6 AR-1254-5    | 8.464  | 7.370 | 42572   | 35208   | 36.422   | 27.276 #   |
| 31)                         | L7 AR-1260-1    | 7.905  | 6.848 | 20052   | 107949  | 18.356   | 107.773 #  |
| 32)                         | L7 AR-1260-2    | 8.170  | 7.034 | 41748   | 21476   | 30.545   | 18.137 #   |
| 33)                         | L7 AR-1260-3    | 0.000  | 7.189 | 0       | 31466   | N.D.     | 26.632 #   |
| 34)                         | L7 AR-1260-4    | 8.765  | 7.674 | 3943    | 8838    | 3.735    | 10.055 #   |
| 35)                         | L7 AR-1260-5    | 0.000  | 7.923 | 0       | 12406   | N.D.     | 6.070 #    |
| 36)                         | L8 AR-1262-1    | 0.000  | 7.370 | 0       | 35208   | N.D.     | 50.119 #   |
| 37)                         | L8 AR-1262-2    | 0.000  | 7.923 | 0       | 12406   | N.D.     | 5.513 #    |
| 39)                         | L8 AR-1262-4    | 0.000  | 8.274 | 0       | 11708   | N.D.     | 6.604 #    |
| 42)                         | L9 AR-1268-2    | 0.000  | 8.274 | 0       | 11708   | N.D.     | 4.676 #    |
| -----                       |                 |        |       |         |         |          |            |

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

Instrument :  
ECD\_P  
ClientSampleId :

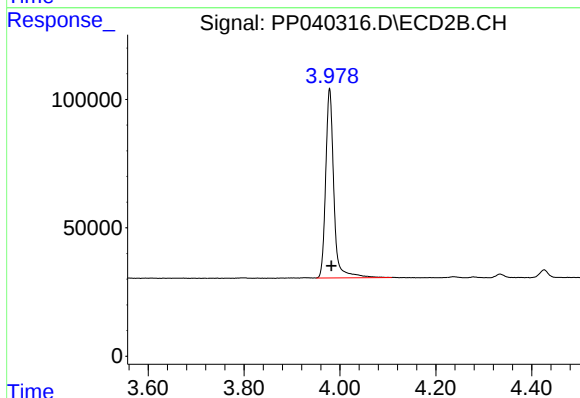




#1 Tetrachloro-m-xylene

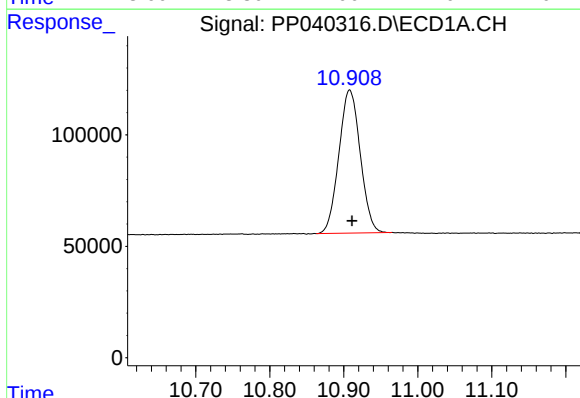
R.T.: 4.891 min  
Delta R.T.: -0.002 min  
Response: 1566683  
Conc: 51.59 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



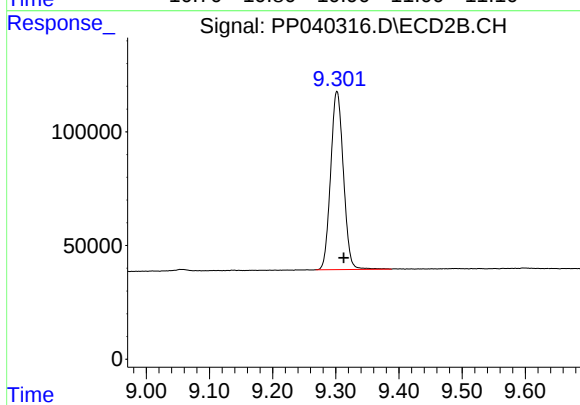
#1 Tetrachloro-m-xylene

R.T.: 3.979 min  
Delta R.T.: -0.004 min  
Response: 873732  
Conc: 51.68 ng/ml



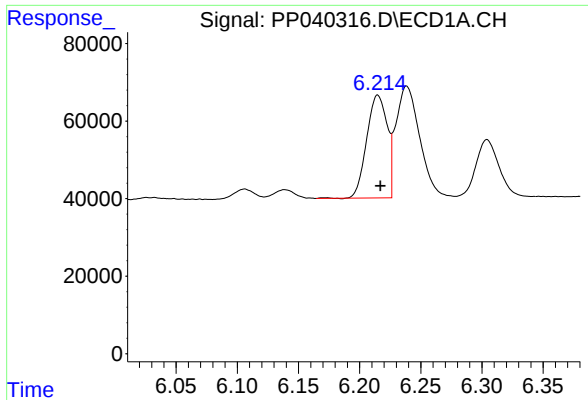
#2 Decachlorobiphenyl

R.T.: 10.908 min  
Delta R.T.: -0.003 min  
Response: 1287054  
Conc: 52.07 ng/ml



#2 Decachlorobiphenyl

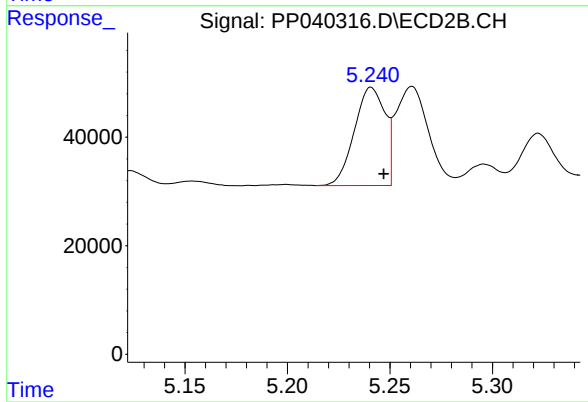
R.T.: 9.302 min  
Delta R.T.: -0.011 min  
Response: 1097580  
Conc: 51.72 ng/ml



#3 AR-1016-1

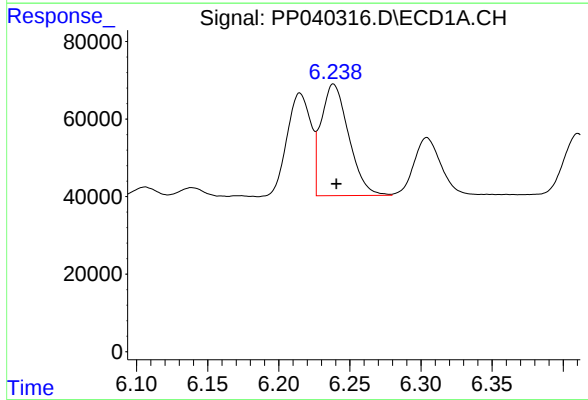
R.T.: 6.215 min  
Delta R.T.: -0.002 min  
Response: 310002  
Conc: 313.95 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



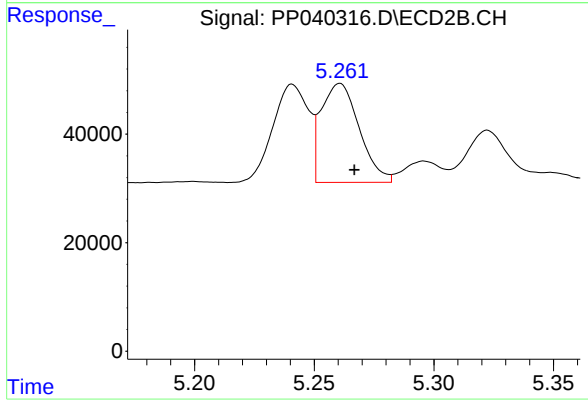
#3 AR-1016-1

R.T.: 5.241 min  
Delta R.T.: -0.006 min  
Response: 188322  
Conc: 288.57 ng/ml



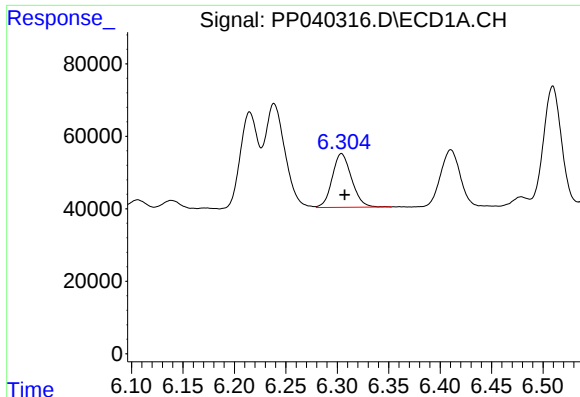
#4 AR-1016-2

R.T.: 6.239 min  
Delta R.T.: -0.002 min  
Response: 389910  
Conc: 272.86 ng/ml



#4 AR-1016-2

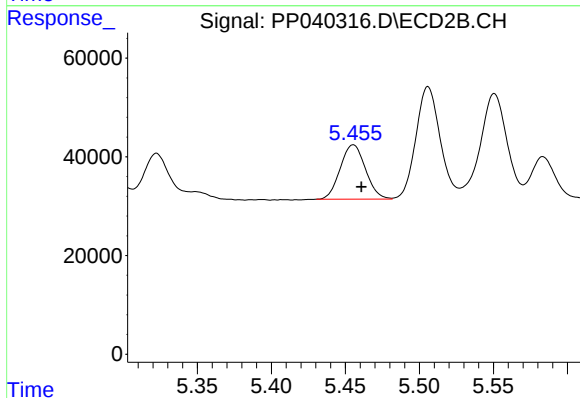
R.T.: 5.261 min  
Delta R.T.: -0.006 min  
Response: 202199  
Conc: 221.17 ng/ml



#5 AR-1016-3

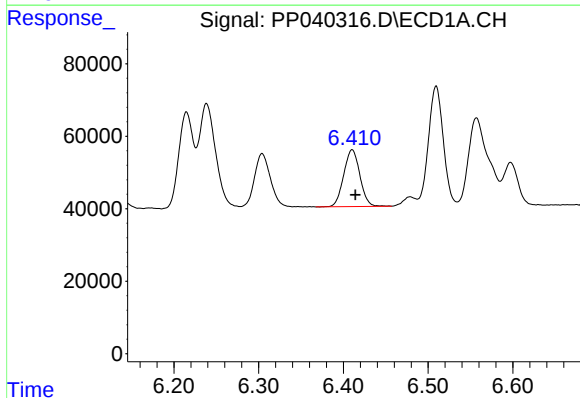
R.T.: 6.304 min  
Delta R.T.: -0.003 min  
Response: 194425  
Conc: 223.10 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



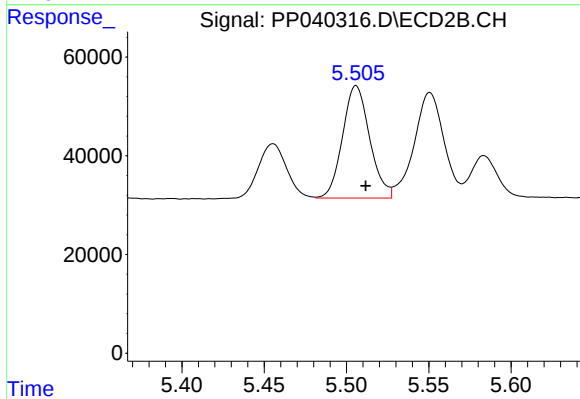
#5 AR-1016-3

R.T.: 5.455 min  
Delta R.T.: -0.005 min  
Response: 131227  
Conc: 259.38 ng/ml



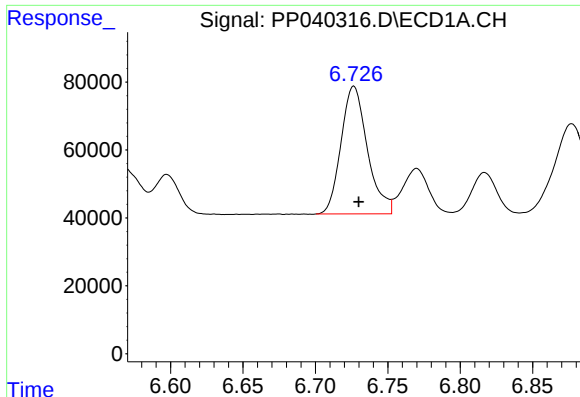
#6 AR-1016-4

R.T.: 6.410 min  
Delta R.T.: -0.004 min  
Response: 208967  
Conc: 293.68 ng/ml



#6 AR-1016-4

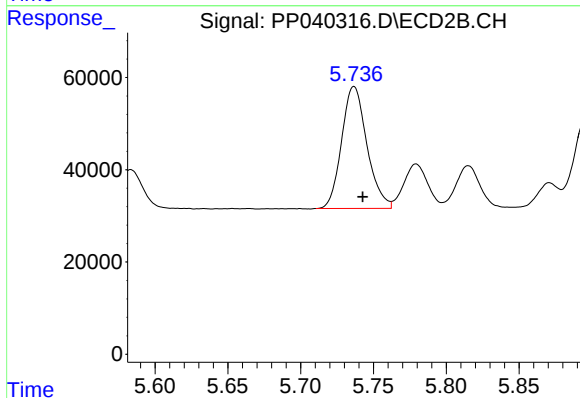
R.T.: 5.506 min  
Delta R.T.: -0.006 min  
Response: 261348  
Conc: 638.29 ng/ml



#7 AR-1016-5

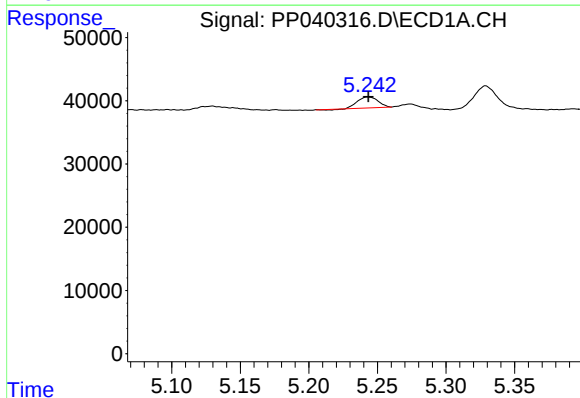
R.T.: 6.727 min  
Delta R.T.: -0.003 min  
Response: 477138  
Conc: 746.00 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



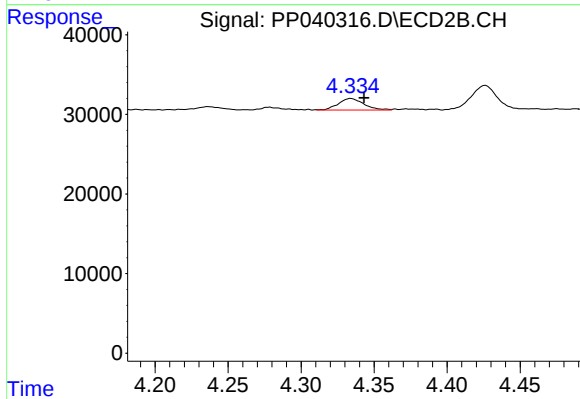
#7 AR-1016-5

R.T.: 5.737 min  
Delta R.T.: -0.006 min  
Response: 320049  
Conc: 639.25 ng/ml



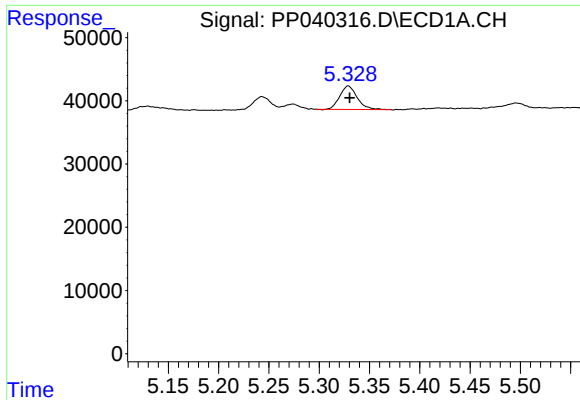
#9 AR-1221-2

R.T.: 5.243 min  
Delta R.T.: 0.000 min  
Response: 18037  
Conc: 80.96 ng/ml



#9 AR-1221-2

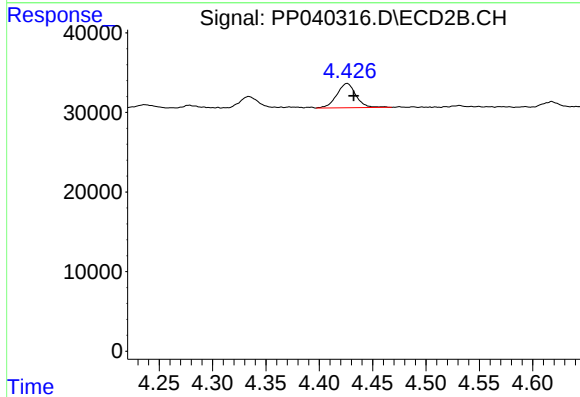
R.T.: 4.334 min  
Delta R.T.: -0.009 min  
Response: 17732  
Conc: 105.42 ng/ml



#10 AR-1221-3

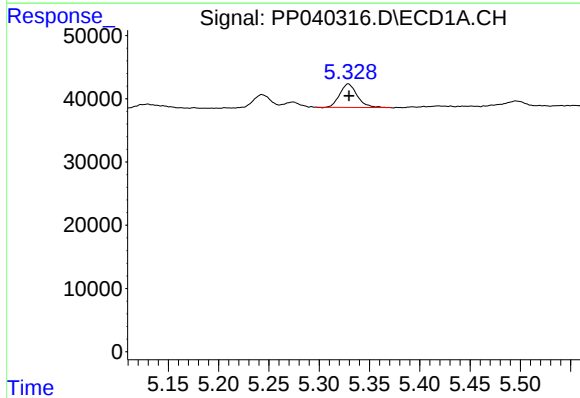
R.T.: 5.329 min  
Delta R.T.: -0.002 min  
Response: 44850  
Conc: 55.63 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



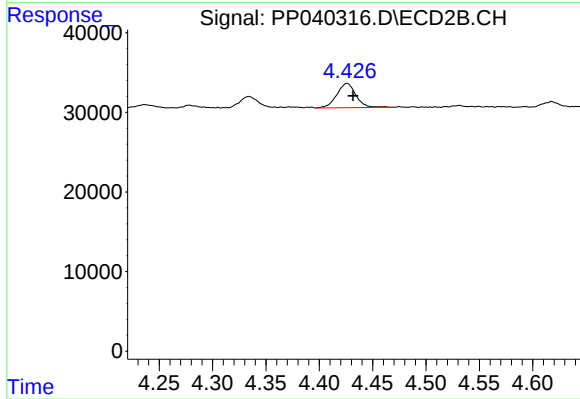
#10 AR-1221-3

R.T.: 4.426 min  
Delta R.T.: -0.006 min  
Response: 38312  
Conc: 70.75 ng/ml



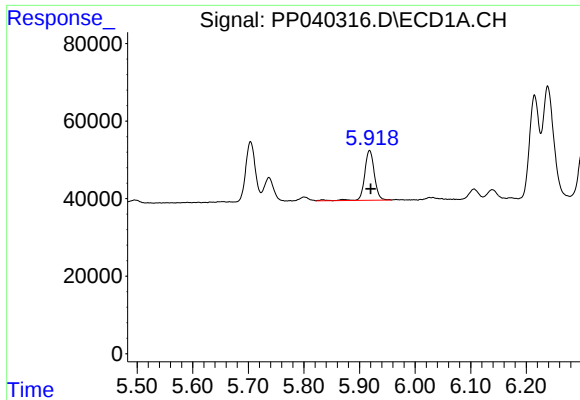
#11 AR-1232-1

R.T.: 5.329 min  
Delta R.T.: 0.000 min  
Response: 44850  
Conc: 72.08 ng/ml



#11 AR-1232-1

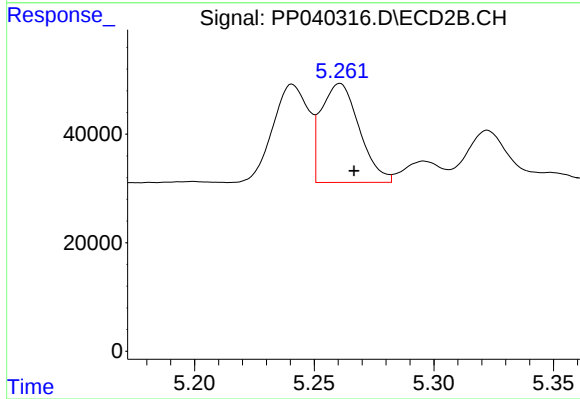
R.T.: 4.426 min  
Delta R.T.: -0.006 min  
Response: 38312  
Conc: 94.33 ng/ml



#12 AR-1232-2

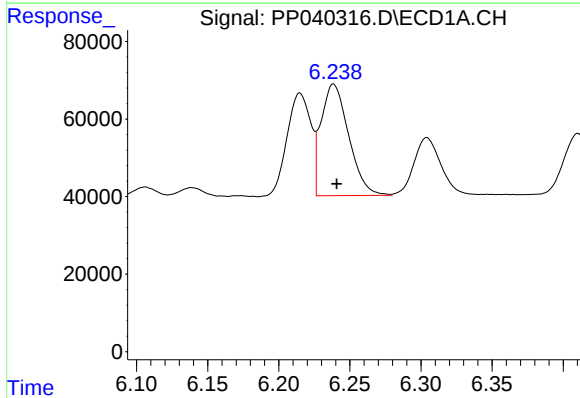
R.T.: 5.918 min  
Delta R.T.: -0.002 min  
Response: 156190  
Conc: 455.08 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



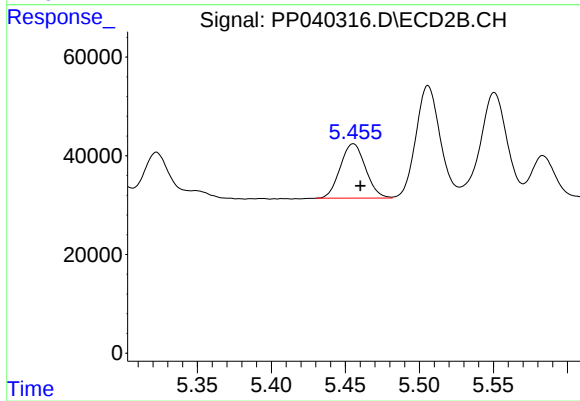
#12 AR-1232-2

R.T.: 5.261 min  
Delta R.T.: -0.006 min  
Response: 202199  
Conc: 517.22 ng/ml



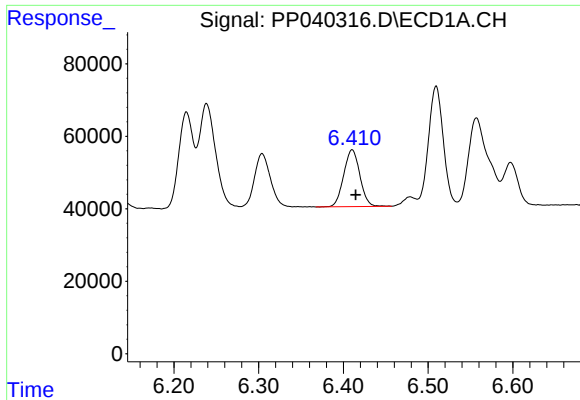
#13 AR-1232-3

R.T.: 6.239 min  
Delta R.T.: -0.002 min  
Response: 389910  
Conc: 616.86 ng/ml



#13 AR-1232-3

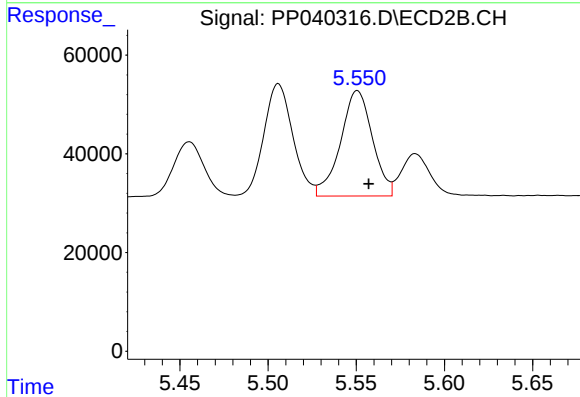
R.T.: 5.455 min  
Delta R.T.: -0.005 min  
Response: 131227  
Conc: 633.53 ng/ml



#14 AR-1232-4

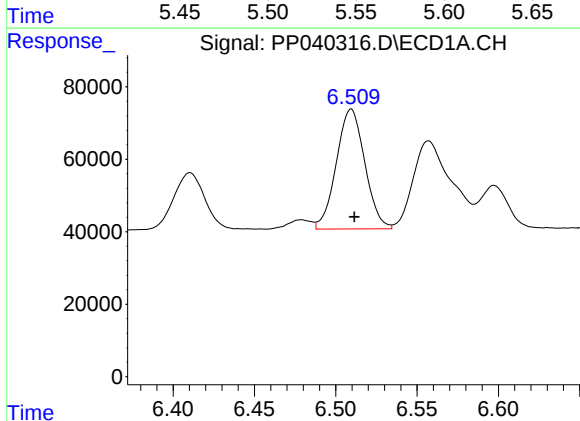
R.T.: 6.410 min  
Delta R.T.: -0.004 min  
Response: 208967  
Conc: 666.28 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



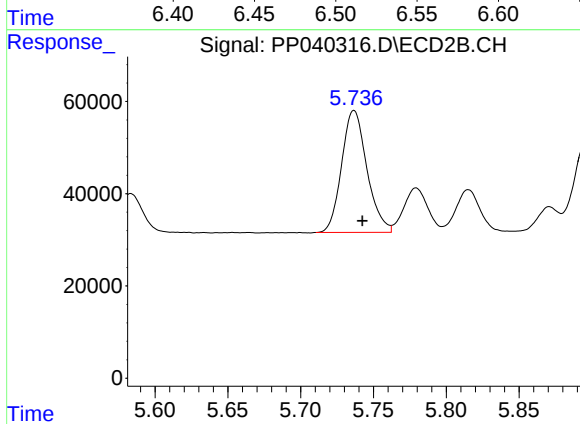
#14 AR-1232-4

R.T.: 5.551 min  
Delta R.T.: -0.006 min  
Response: 268986  
Conc: 1421.62 ng/ml



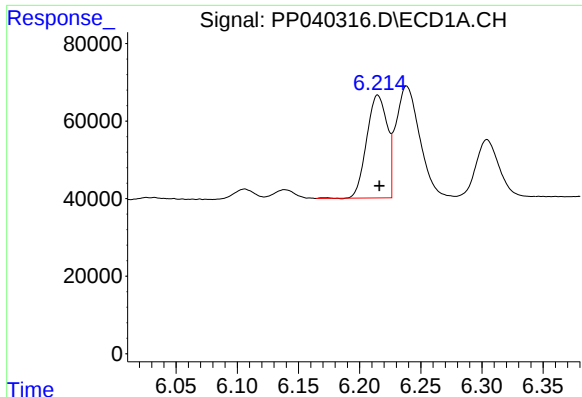
#15 AR-1232-5

R.T.: 6.509 min  
Delta R.T.: -0.002 min  
Response: 403607  
Conc: 1721.20 ng/ml



#15 AR-1232-5

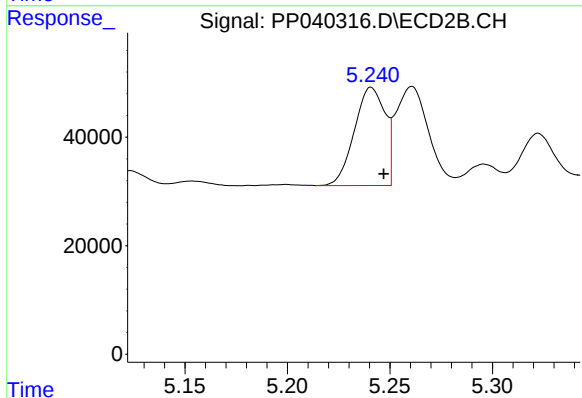
R.T.: 5.737 min  
Delta R.T.: -0.006 min  
Response: 320049  
Conc: 1550.16 ng/ml



#16 AR-1242-1

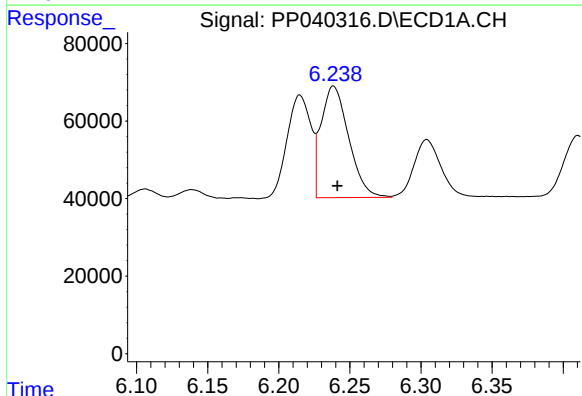
R.T.: 6.215 min  
Delta R.T.: -0.001 min  
Response: 310002  
Conc: 394.81 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



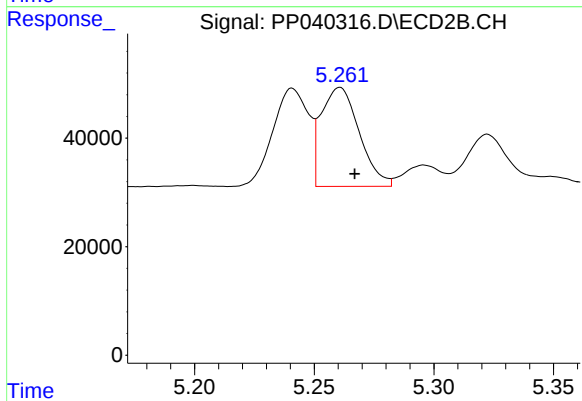
#16 AR-1242-1

R.T.: 5.241 min  
Delta R.T.: -0.006 min  
Response: 188322  
Conc: 378.48 ng/ml



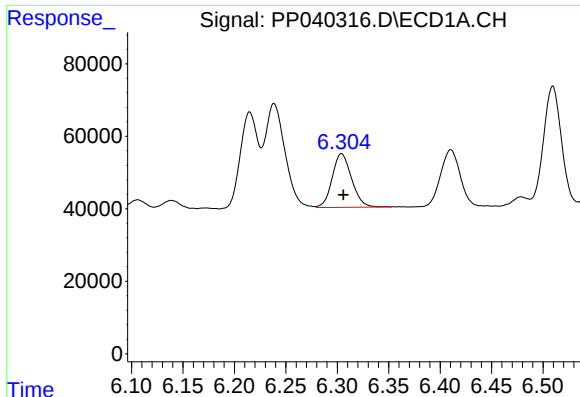
#17 AR-1242-2

R.T.: 6.239 min  
Delta R.T.: -0.003 min  
Response: 389910  
Conc: 343.75 ng/ml



#17 AR-1242-2

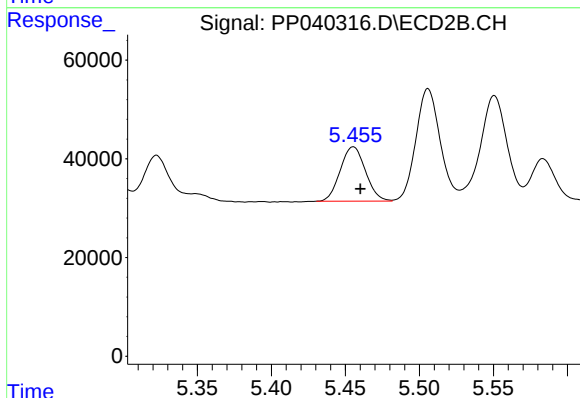
R.T.: 5.261 min  
Delta R.T.: -0.006 min  
Response: 202199  
Conc: 296.05 ng/ml



#18 AR-1242-3

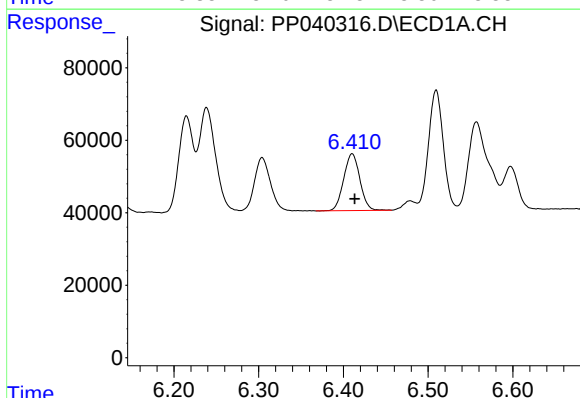
R.T.: 6.304 min  
Delta R.T.: -0.002 min  
Response: 194425  
Conc: 279.74 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



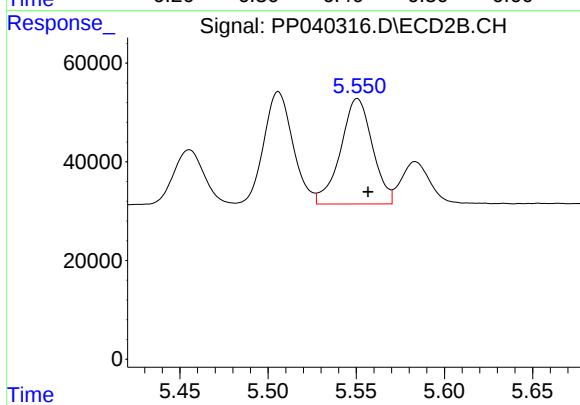
#18 AR-1242-3

R.T.: 5.455 min  
Delta R.T.: -0.005 min  
Response: 131227  
Conc: 347.81 ng/ml



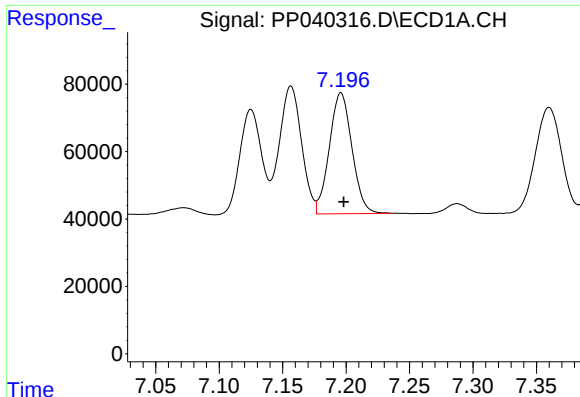
#19 AR-1242-4

R.T.: 6.410 min  
Delta R.T.: -0.003 min  
Response: 208967  
Conc: 362.67 ng/ml



#19 AR-1242-4

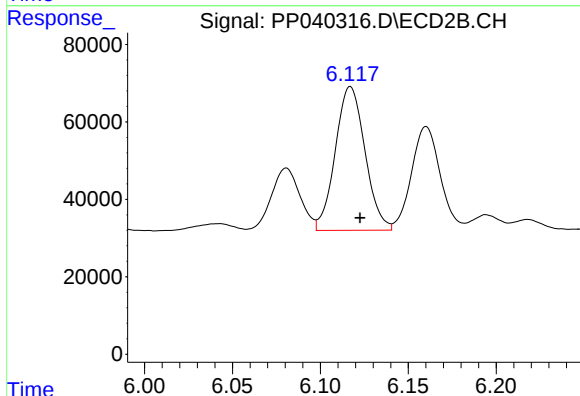
R.T.: 5.551 min  
Delta R.T.: -0.006 min  
Response: 268986  
Conc: 726.15 ng/ml



#20 AR-1242-5

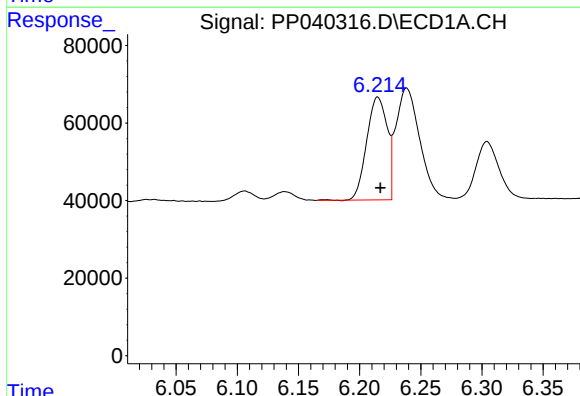
R.T.: 7.196 min  
Delta R.T.: -0.002 min  
Response: 445545  
Conc: 851.90 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



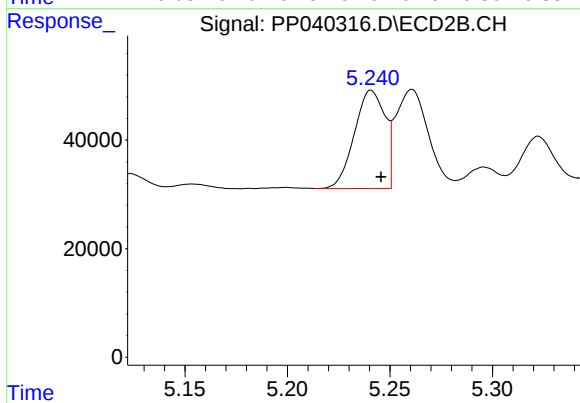
#20 AR-1242-5

R.T.: 6.117 min  
Delta R.T.: -0.006 min  
Response: 436727  
Conc: 915.64 ng/ml



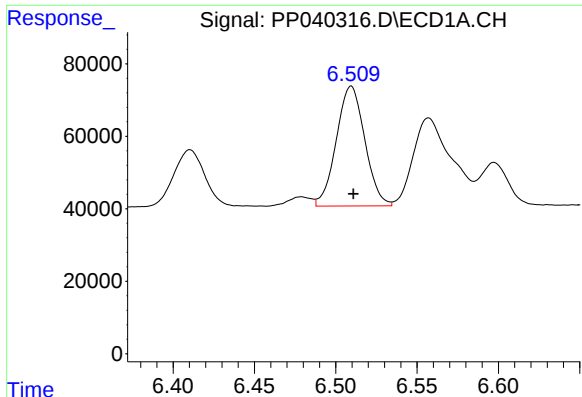
#21 AR-1248-1

R.T.: 6.215 min  
Delta R.T.: -0.002 min  
Response: 310002  
Conc: 502.52 ng/ml



#21 AR-1248-1

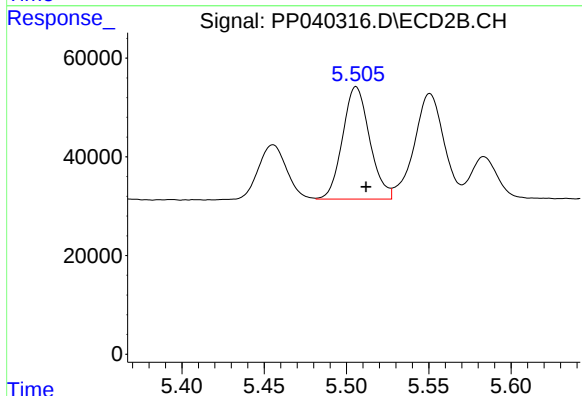
R.T.: 5.241 min  
Delta R.T.: -0.005 min  
Response: 188322  
Conc: 483.03 ng/ml



#22 AR-1248-2

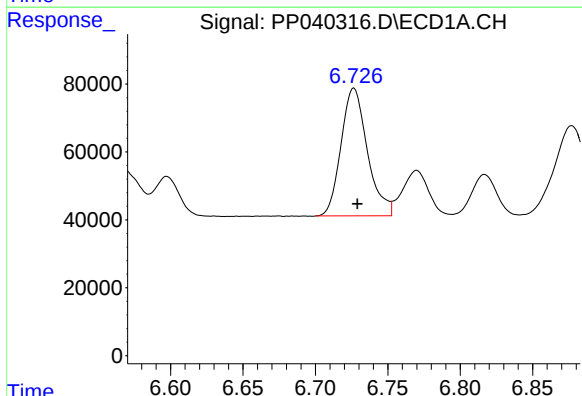
R.T.: 6.509 min  
Delta R.T.: -0.001 min  
Response: 403607  
Conc: 504.18 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



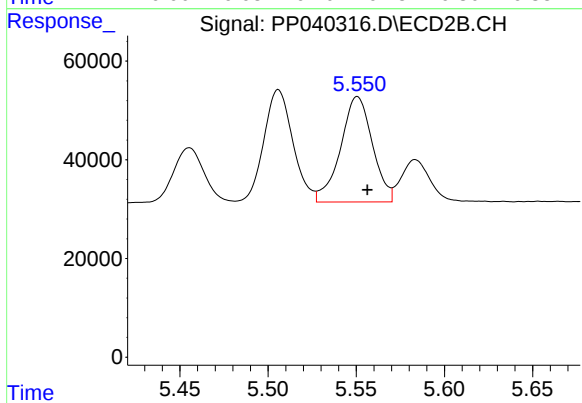
#22 AR-1248-2

R.T.: 5.506 min  
Delta R.T.: -0.006 min  
Response: 261348  
Conc: 486.23 ng/ml



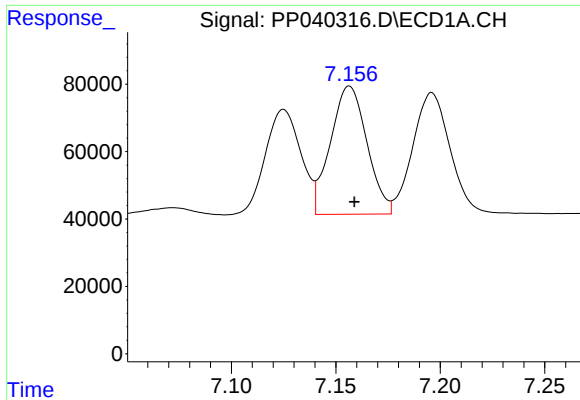
#23 AR-1248-3

R.T.: 6.727 min  
Delta R.T.: -0.003 min  
Response: 477138  
Conc: 532.13 ng/ml



#23 AR-1248-3

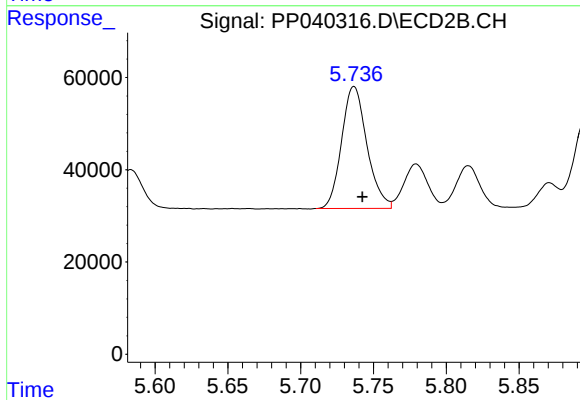
R.T.: 5.551 min  
Delta R.T.: -0.006 min  
Response: 268986  
Conc: 475.84 ng/ml



#24 AR-1248-4

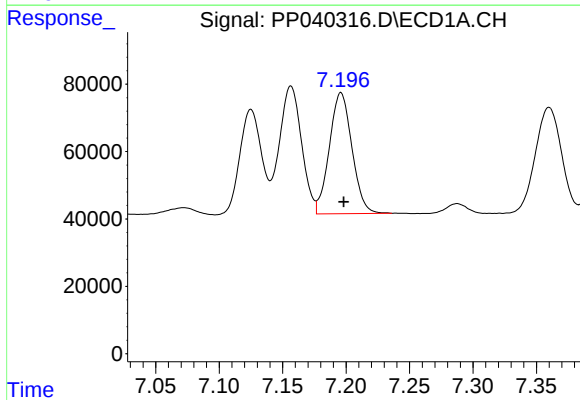
R.T.: 7.157 min  
Delta R.T.: -0.002 min  
Response: 463462  
Conc: 503.63 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



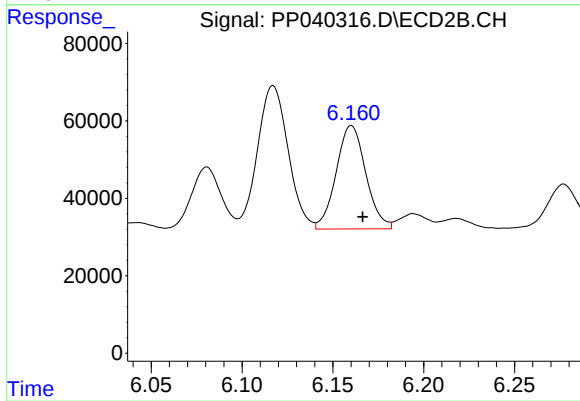
#24 AR-1248-4

R.T.: 5.737 min  
Delta R.T.: -0.006 min  
Response: 320049  
Conc: 500.81 ng/ml



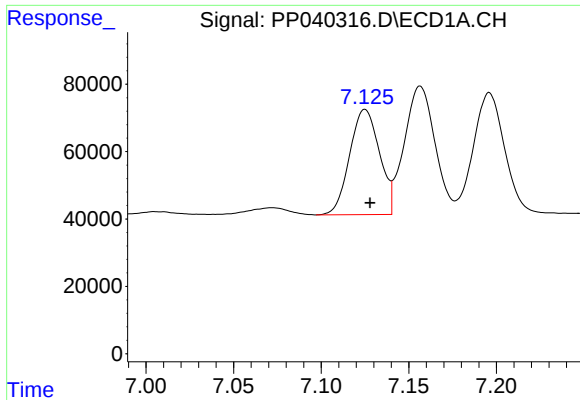
#25 AR-1248-5

R.T.: 7.196 min  
Delta R.T.: -0.002 min  
Response: 445545  
Conc: 503.67 ng/ml



#25 AR-1248-5

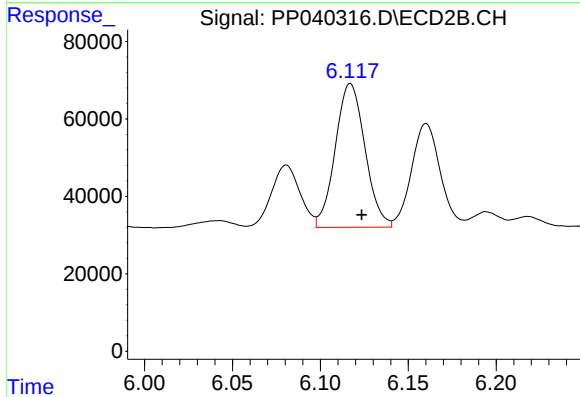
R.T.: 6.160 min  
Delta R.T.: -0.006 min  
Response: 304028  
Conc: 487.35 ng/ml



#26 AR-1254-1

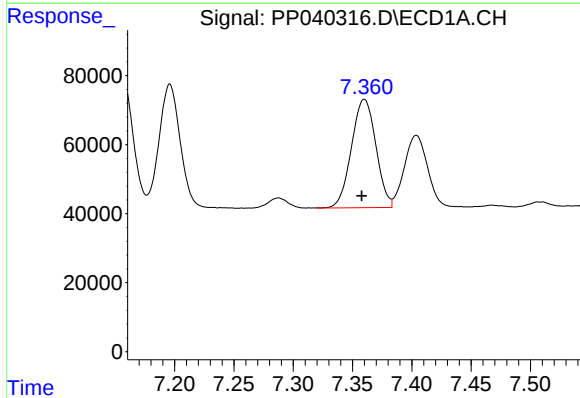
R.T.: 7.125 min  
Delta R.T.: -0.003 min  
Response: 370030  
Conc: 398.83 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



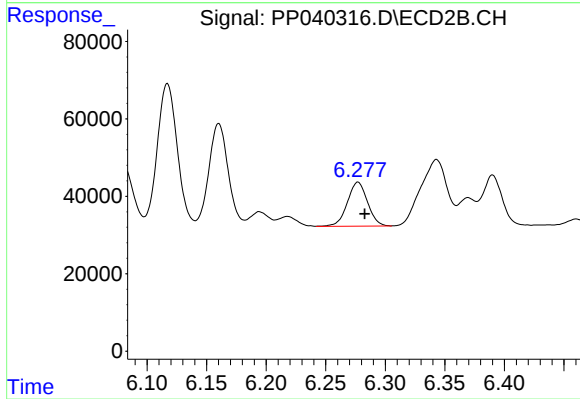
#26 AR-1254-1

R.T.: 6.117 min  
Delta R.T.: -0.006 min  
Response: 436727  
Conc: 455.86 ng/ml



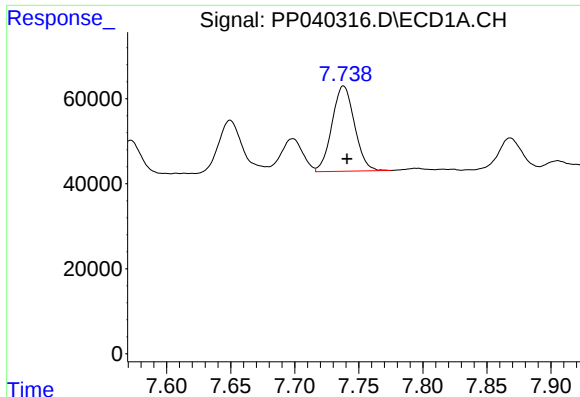
#27 AR-1254-2

R.T.: 7.360 min  
Delta R.T.: 0.002 min  
Response: 450405  
Conc: 325.35 ng/ml



#27 AR-1254-2

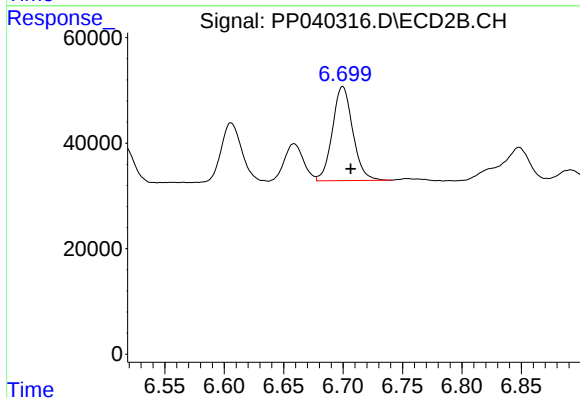
R.T.: 6.277 min  
Delta R.T.: -0.006 min  
Response: 134617  
Conc: 152.52 ng/ml



#28 AR-1254-3

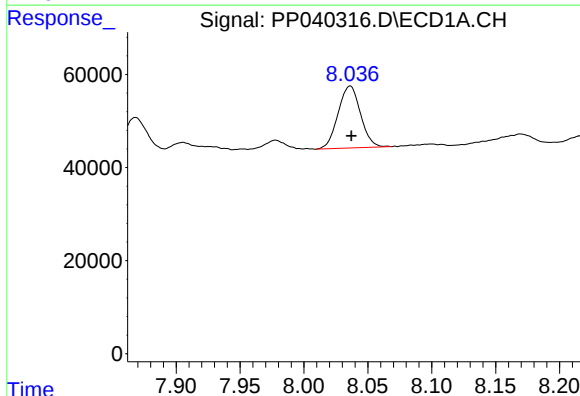
R.T.: 7.738 min  
Delta R.T.: -0.003 min  
Response: 245536  
Conc: 172.35 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



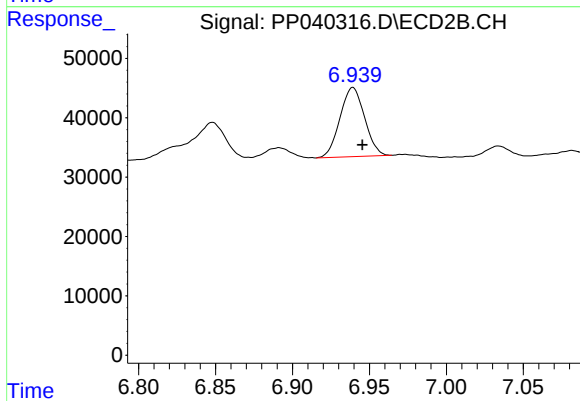
#28 AR-1254-3

R.T.: 6.700 min  
Delta R.T.: -0.007 min  
Response: 212783  
Conc: 156.07 ng/ml



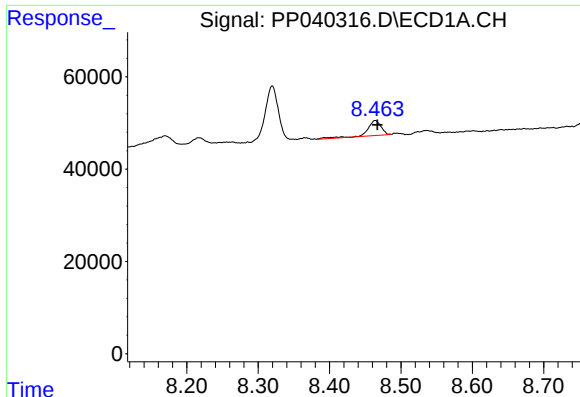
#29 AR-1254-4

R.T.: 8.036 min  
Delta R.T.: -0.001 min  
Response: 162861  
Conc: 153.91 ng/ml



#29 AR-1254-4

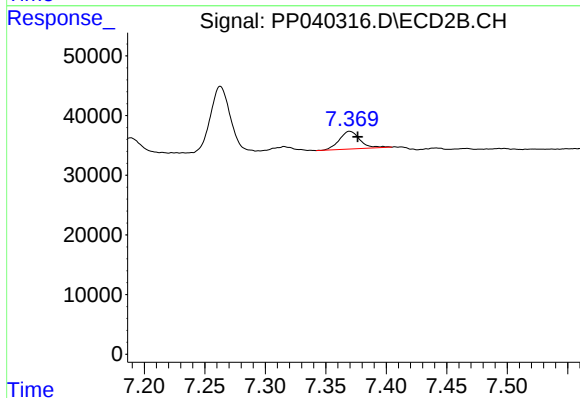
R.T.: 6.939 min  
Delta R.T.: -0.006 min  
Response: 129438  
Conc: 150.91 ng/ml



#30 AR-1254-5

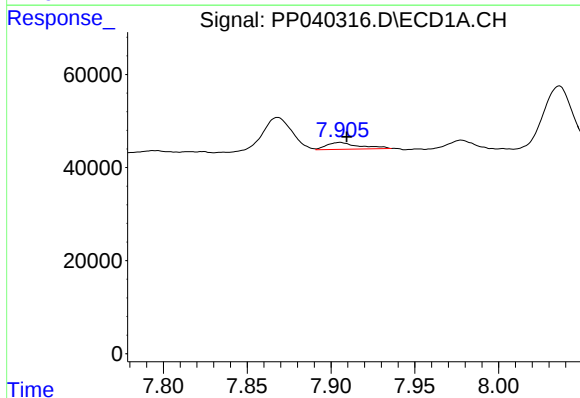
R.T.: 8.464 min  
Delta R.T.: -0.003 min  
Response: 42572  
Conc: 36.42 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



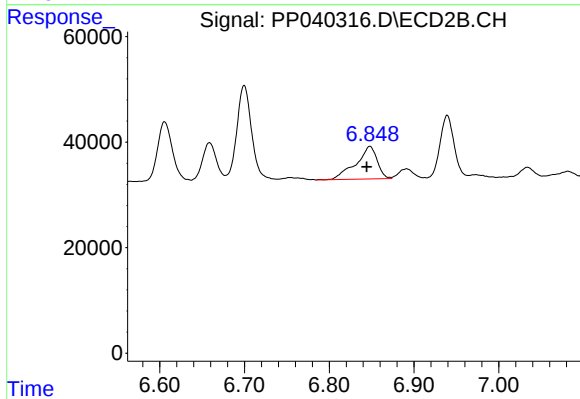
#30 AR-1254-5

R.T.: 7.370 min  
Delta R.T.: -0.006 min  
Response: 35208  
Conc: 27.28 ng/ml



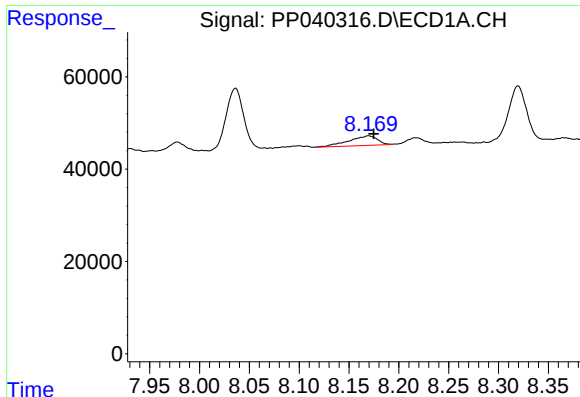
#31 AR-1260-1

R.T.: 7.905 min  
Delta R.T.: -0.004 min  
Response: 20052  
Conc: 18.36 ng/ml



#31 AR-1260-1

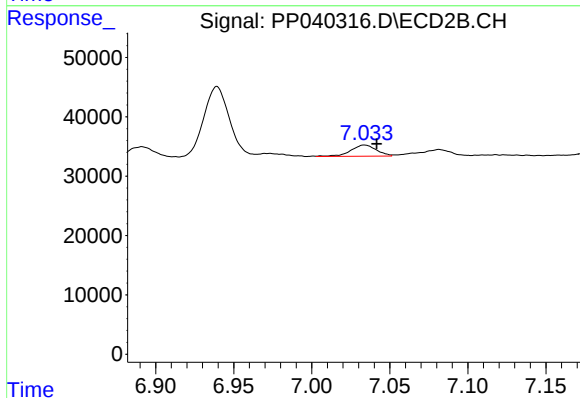
R.T.: 6.848 min  
Delta R.T.: 0.003 min  
Response: 107949  
Conc: 107.77 ng/ml



#32 AR-1260-2

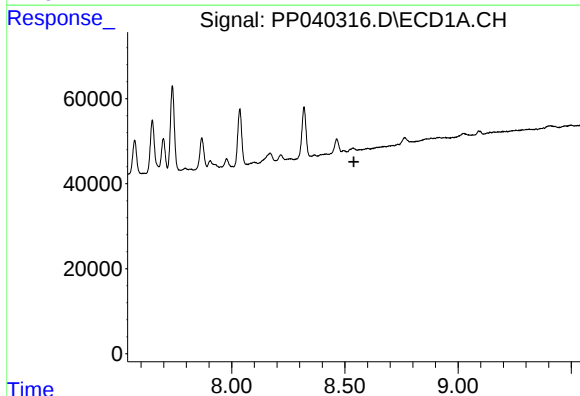
R.T.: 8.170 min  
Delta R.T.: -0.005 min  
Response: 41748  
Conc: 30.54 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



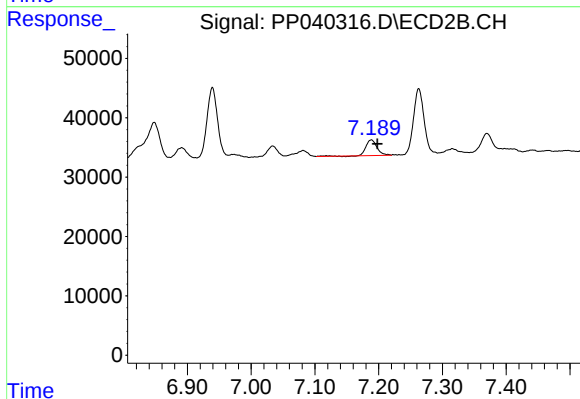
#32 AR-1260-2

R.T.: 7.034 min  
Delta R.T.: -0.008 min  
Response: 21476  
Conc: 18.14 ng/ml



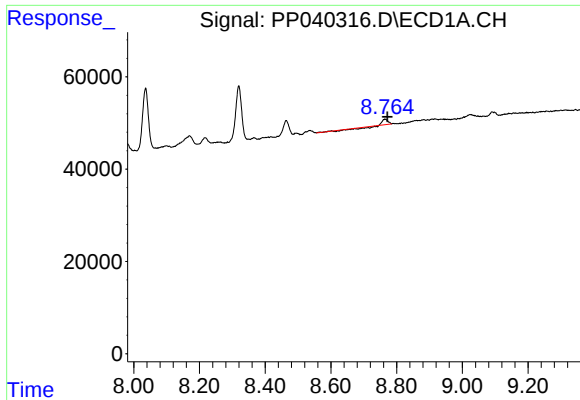
#33 AR-1260-3

R.T.: 0.000 min  
Exp R.T. : 8.540 min  
Response: 0  
Conc: N.D.



#33 AR-1260-3

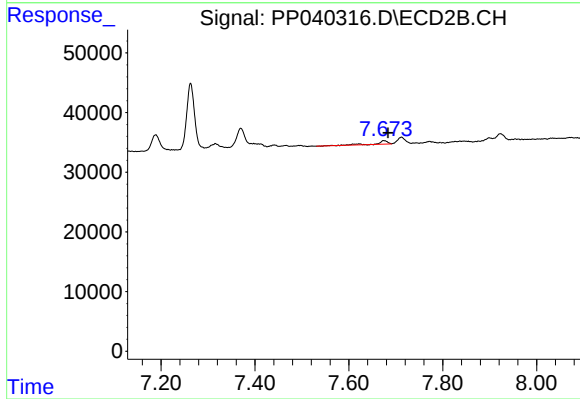
R.T.: 7.189 min  
Delta R.T.: -0.010 min  
Response: 31466  
Conc: 26.63 ng/ml



#34 AR-1260-4

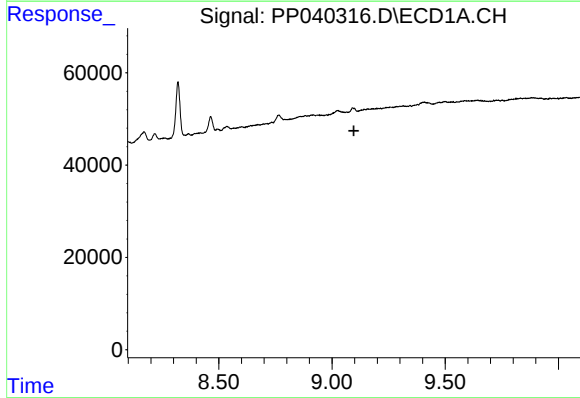
R.T.: 8.765 min  
Delta R.T.: -0.008 min  
Response: 3943  
Conc: 3.74 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



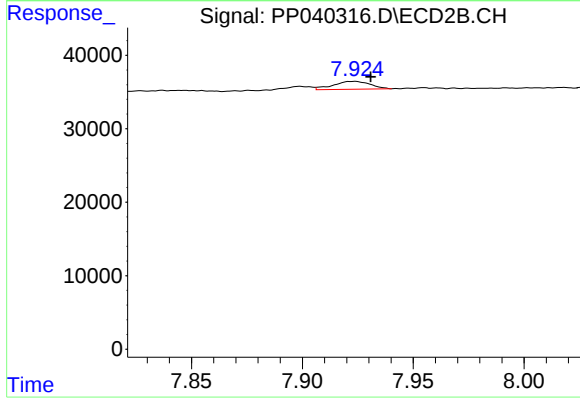
#34 AR-1260-4

R.T.: 7.674 min  
Delta R.T.: -0.009 min  
Response: 8838  
Conc: 10.05 ng/ml



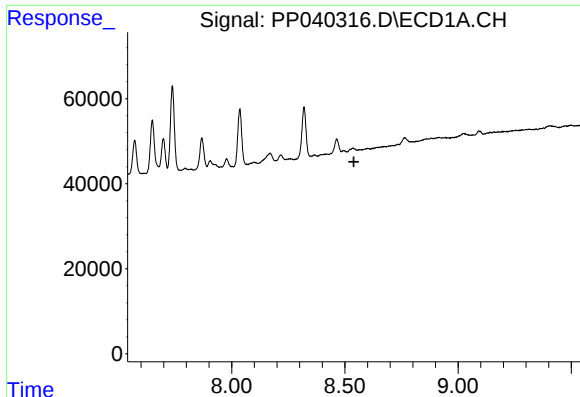
#35 AR-1260-5

R.T.: 0.000 min  
Exp R.T. : 9.097 min  
Response: 0  
Conc: N.D.



#35 AR-1260-5

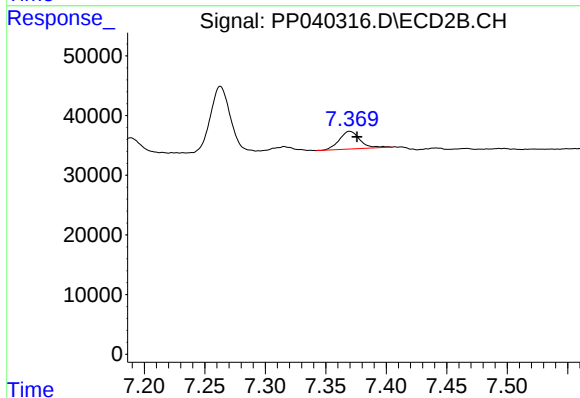
R.T.: 7.923 min  
Delta R.T.: -0.008 min  
Response: 12406  
Conc: 6.07 ng/ml



#36 AR-1262-1

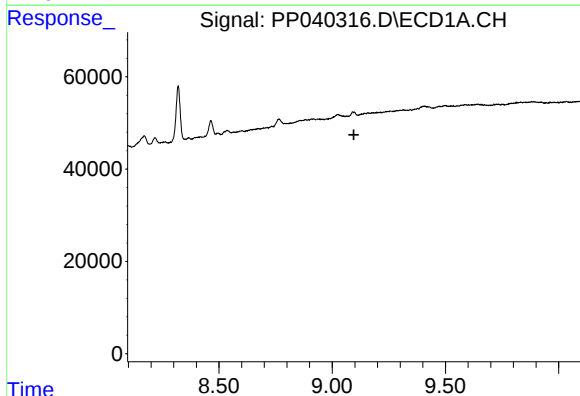
R.T.: 0.000 min  
Exp R.T.: 8.540 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :



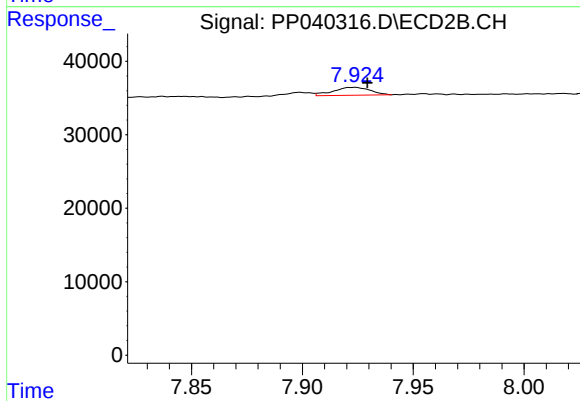
#36 AR-1262-1

R.T.: 7.370 min  
Delta R.T.: -0.006 min  
Response: 35208  
Conc: 50.12 ng/ml



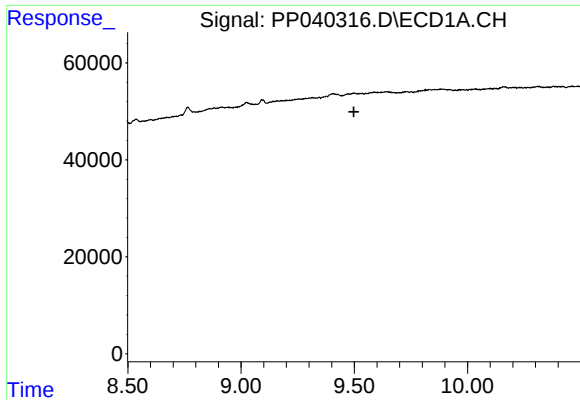
#37 AR-1262-2

R.T.: 0.000 min  
Exp R.T.: 9.096 min  
Response: 0  
Conc: N.D.



#37 AR-1262-2

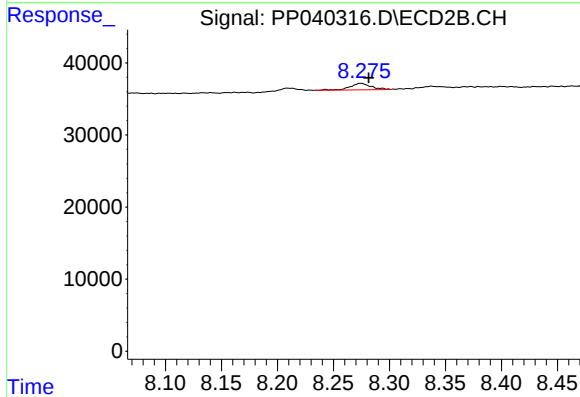
R.T.: 7.923 min  
Delta R.T.: -0.006 min  
Response: 12406  
Conc: 5.51 ng/ml



#39 AR-1262-4

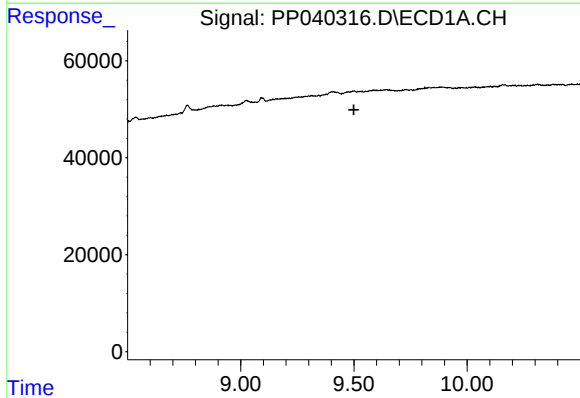
R.T.: 0.000 min  
Exp R.T. : 9.498 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :



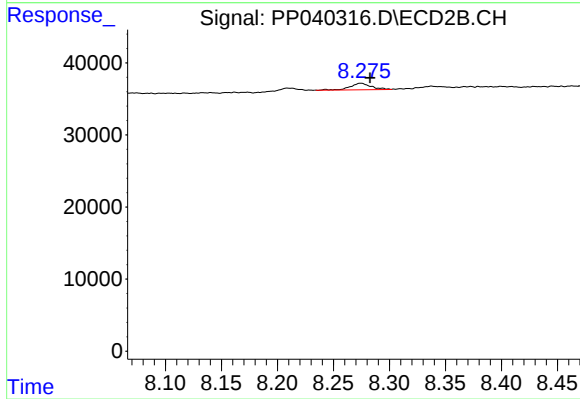
#39 AR-1262-4

R.T.: 8.274 min  
Delta R.T.: -0.007 min  
Response: 11708  
Conc: 6.60 ng/ml



#42 AR-1268-2

R.T.: 0.000 min  
Exp R.T. : 9.500 min  
Response: 0  
Conc: N.D.



#42 AR-1268-2

R.T.: 8.274 min  
Delta R.T.: -0.008 min  
Response: 11708  
Conc: 4.68 ng/ml