

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP110521\  
 Data File : PP040759.D  
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
 Acq On : 05 Nov 2021 6:59  
 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: Nov 05 16:16:13 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP110421.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Thu Nov 04 11:28:51 2021  
 Response via : Initial Calibration  
 Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

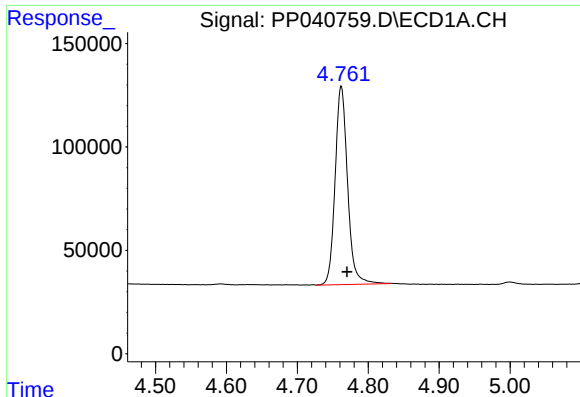
Volume Inj. : 2 µl  
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

|                             | Compound        | RT#1   | RT#2  | Resp#1  | Resp#2  | ng/ml    | ng/ml      |
|-----------------------------|-----------------|--------|-------|---------|---------|----------|------------|
| -----                       |                 |        |       |         |         |          |            |
| System Monitoring Compounds |                 |        |       |         |         |          |            |
| 1)                          | SA Tetrachlo... | 4.762  | 3.766 | 1171766 | 1365112 | 57.840   | 56.884     |
| 2)                          | SA Decachlor... | 10.667 | 9.034 | 1083067 | 875267  | 50.855   | 50.121     |
| Target Compounds            |                 |        |       |         |         |          |            |
| 3)                          | L1 AR-1016-1    | 6.078  | 5.016 | 210602  | 211382  | 299.950  | 302.417    |
| 4)                          | L1 AR-1016-2    | 6.102  | 5.035 | 269766  | 233732  | 252.931  | 227.207    |
| 5)                          | L1 AR-1016-3    | 6.166  | 5.227 | 125389  | 150163  | 193.503  | 264.853 #  |
| 6)                          | L1 AR-1016-4    | 6.272  | 5.279 | 141645  | 297523  | 263.560  | 655.076 #  |
| 7)                          | L1 AR-1016-5    | 6.587  | 5.504 | 373940  | 275562  | 689.044  | 492.749 #  |
| 9)                          | L2 AR-1221-2    | 5.148  | 4.115 | 22167   | 20365   | 146.869  | 96.801 #   |
| 10)                         | L2 AR-1221-3    | 5.197f | 4.210 | 15682   | 53131   | 28.483   | 80.940 #   |
| 11)                         | L3 AR-1232-1    | 5.197f | 4.210 | 15682   | 53131   | 34.429   | 98.446 #   |
| 12)                         | L3 AR-1232-2    | 5.782f | 5.035 | 95996   | 233732  | 409.772  | 549.515 #  |
| 13)                         | L3 AR-1232-3    | 6.102f | 5.227 | 269766  | 150163  | 627.833  | 654.997    |
| 14)                         | L3 AR-1232-4    | 6.272f | 5.323 | 141645  | 275468  | 675.896  | 1388.255 # |
| 15)                         | L3 AR-1232-5    | 6.371f | 5.504 | 297663  | 275562  | 2080.760 | 1300.279 # |
| 16)                         | L4 AR-1242-1    | 6.078  | 5.016 | 210602  | 211382  | 394.932  | 392.051    |
| 17)                         | L4 AR-1242-2    | 6.102  | 5.035 | 269766  | 233732  | 333.650  | 294.632    |
| 18)                         | L4 AR-1242-3    | 6.166  | 5.227 | 125389  | 150163  | 252.874  | 344.324 #  |
| 19)                         | L4 AR-1242-4    | 6.272  | 5.323 | 141645  | 275468  | 346.285  | 666.149 #  |
| 20)                         | L4 AR-1242-5    | 7.054  | 5.886 | 360829  | 473437  | 788.910  | 1027.905 # |
| 21)                         | L5 AR-1248-1    | 6.078  | 5.016 | 210602  | 211382  | 536.167  | 531.373    |
| 22)                         | L5 AR-1248-2    | 6.371  | 5.279 | 297663  | 297523  | 526.421  | 512.882    |
| 23)                         | L5 AR-1248-3    | 6.587  | 5.323 | 373940  | 275468  | 533.277  | 456.703    |
| 24)                         | L5 AR-1248-4    | 7.015  | 5.504 | 377634  | 275562  | 478.056  | 400.800    |
| 25)                         | L5 AR-1248-5    | 7.054  | 5.927 | 360829  | 423893  | 462.085  | 671.122 #  |
| 26)                         | L6 AR-1254-1    | 6.985  | 5.886 | 323552  | 473437  | 419.098  | 486.711    |
| 27)                         | L6 AR-1254-2    | 7.217  | 6.046 | 398890  | 161153  | 321.342  | 192.020 #  |
| 28)                         | L6 AR-1254-3    | 7.593  | 6.465 | 259674  | 257427  | 192.881  | 203.834    |
| 29)                         | L6 AR-1254-4    | 7.890  | 6.705 | 138305  | 150933  | 141.751  | 202.853 #  |
| 30)                         | L6 AR-1254-5    | 8.316  | 7.133 | 34276   | 39709   | 31.593   | 36.978     |
| 31)                         | L7 AR-1260-1    | 7.759  | 6.611 | 24158   | 150038  | 24.878   | 172.914 #  |
| 32)                         | L7 AR-1260-2    | 8.025  | 6.800 | 41851   | 24698   | 36.149   | 24.545 #   |
| 33)                         | L7 AR-1260-3    | 8.376f | 6.951 | 7265    | 21755   | 8.228    | 23.048 #   |
| 34)                         | L7 AR-1260-4    | 8.611  | 0.000 | 61886   | 0       | 58.572   | N.D. #     |
| 35)                         | L7 AR-1260-5    | 8.936  | 0.000 | 9462    | 0       | 4.532    | N.D. #     |
| 36)                         | L8 AR-1262-1    | 8.376  | 7.133 | 7265    | 39709   | 5.798    | 68.907 #   |
| 37)                         | L8 AR-1262-2    | 8.901f | 0.000 | 3157    | 0       | 1.389    | N.D. #     |
| 38)                         | L8 AR-1262-3    | 0.000  | 7.964 | 0       | 36649   | N.D.     | 47.268 #   |
| 41)                         | L9 AR-1268-1    | 0.000  | 7.964 | 0       | 36649   | N.D.     | 17.093 #   |
| -----                       |                 |        |       |         |         |          |            |

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

Instrument :  
ECD\_P  
ClientSampleId :

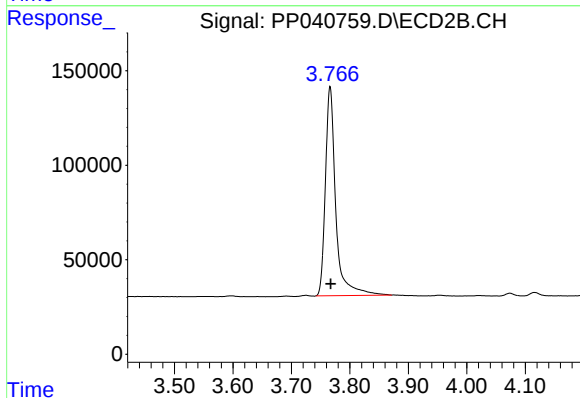




#1 Tetrachloro-m-xylene

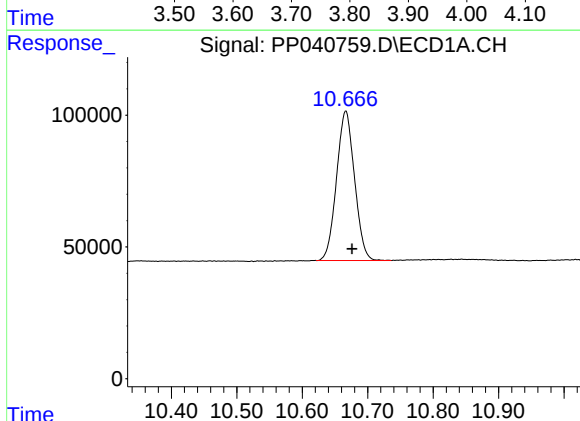
R.T.: 4.762 min  
Delta R.T.: -0.008 min  
Response: 1171766  
Conc: 57.84 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



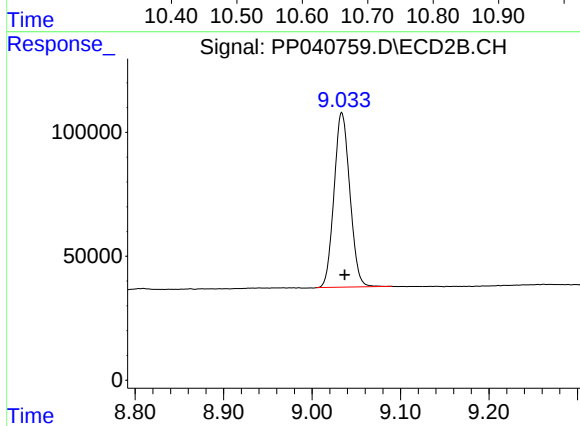
#1 Tetrachloro-m-xylene

R.T.: 3.766 min  
Delta R.T.: 0.000 min  
Response: 1365112  
Conc: 56.88 ng/ml



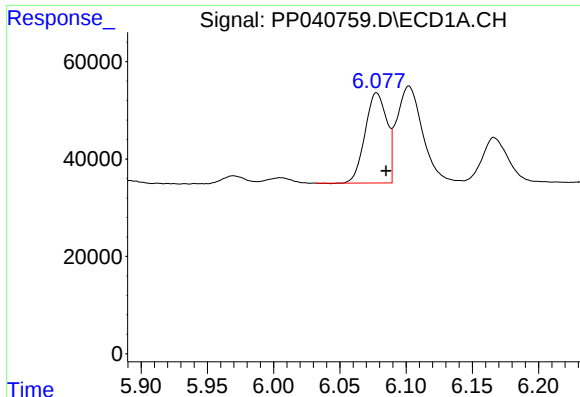
#2 Decachlorobiphenyl

R.T.: 10.667 min  
Delta R.T.: -0.009 min  
Response: 1083067  
Conc: 50.85 ng/ml



#2 Decachlorobiphenyl

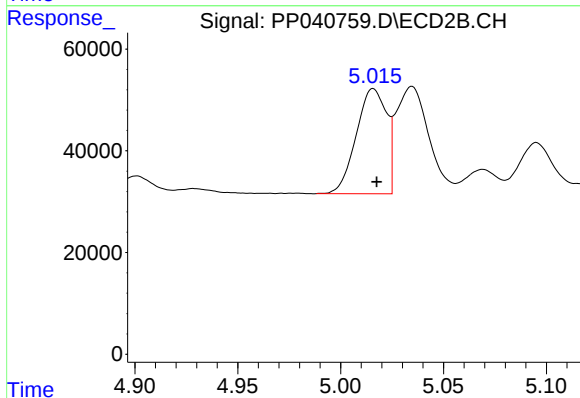
R.T.: 9.034 min  
Delta R.T.: -0.003 min  
Response: 875267  
Conc: 50.12 ng/ml



#3 AR-1016-1

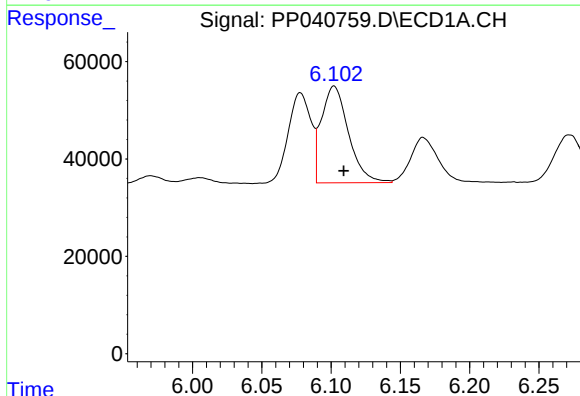
R.T.: 6.078 min  
Delta R.T.: -0.007 min  
Response: 210602  
Conc: 299.95 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



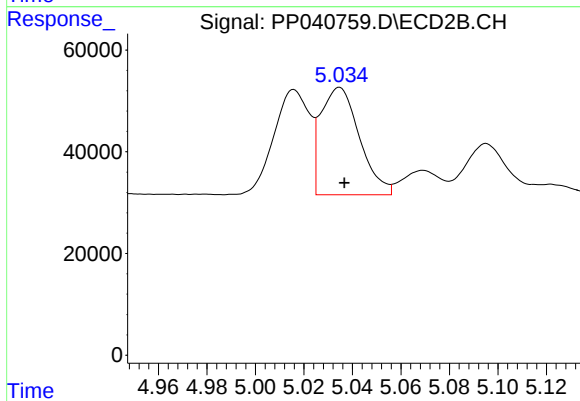
#3 AR-1016-1

R.T.: 5.016 min  
Delta R.T.: -0.002 min  
Response: 211382  
Conc: 302.42 ng/ml



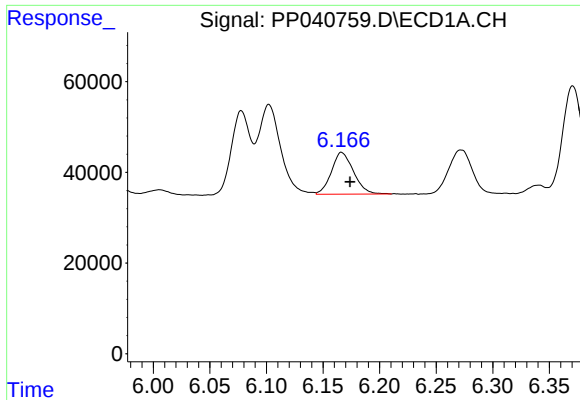
#4 AR-1016-2

R.T.: 6.102 min  
Delta R.T.: -0.007 min  
Response: 269766  
Conc: 252.93 ng/ml



#4 AR-1016-2

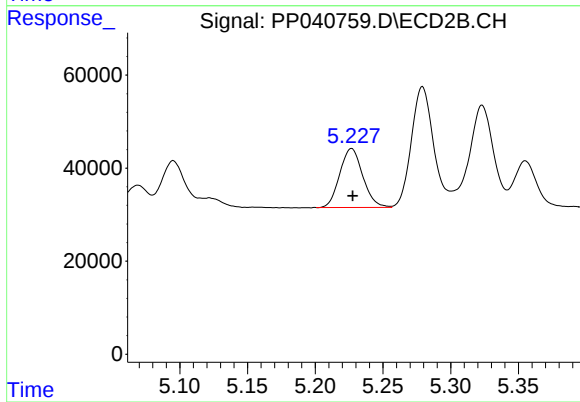
R.T.: 5.035 min  
Delta R.T.: -0.002 min  
Response: 233732  
Conc: 227.21 ng/ml



#5 AR-1016-3

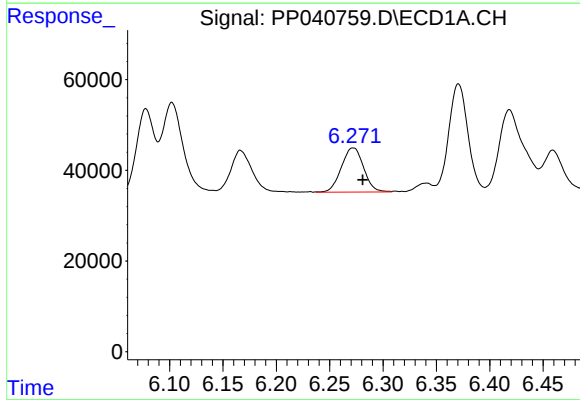
R.T.: 6.166 min  
Delta R.T.: -0.008 min  
Response: 125389  
Conc: 193.50 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



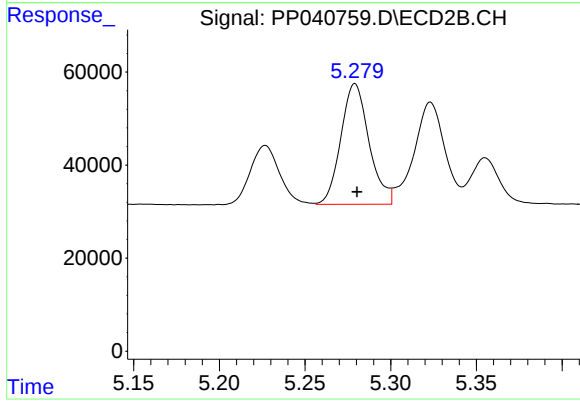
#5 AR-1016-3

R.T.: 5.227 min  
Delta R.T.: 0.000 min  
Response: 150163  
Conc: 264.85 ng/ml



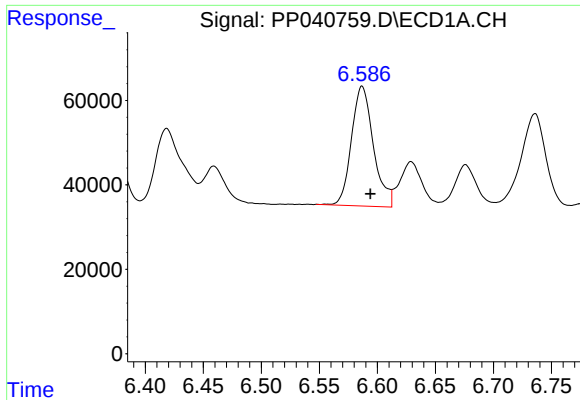
#6 AR-1016-4

R.T.: 6.272 min  
Delta R.T.: -0.009 min  
Response: 141645  
Conc: 263.56 ng/ml



#6 AR-1016-4

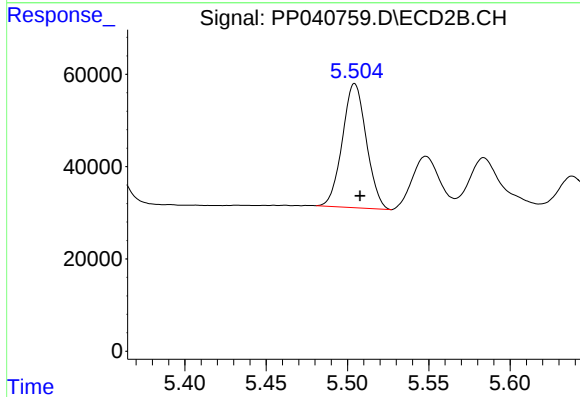
R.T.: 5.279 min  
Delta R.T.: -0.001 min  
Response: 297523  
Conc: 655.08 ng/ml



#7 AR-1016-5

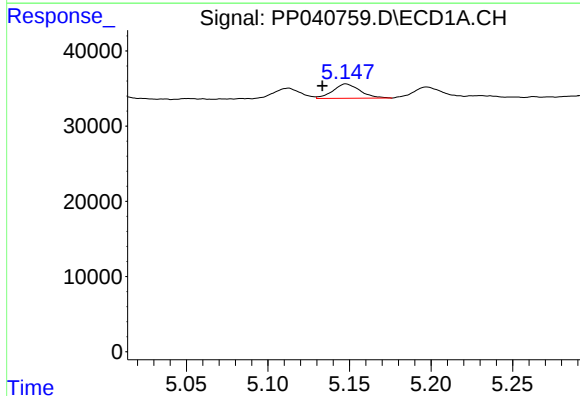
R.T.: 6.587 min  
Delta R.T.: -0.007 min  
Response: 373940  
Conc: 689.04 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



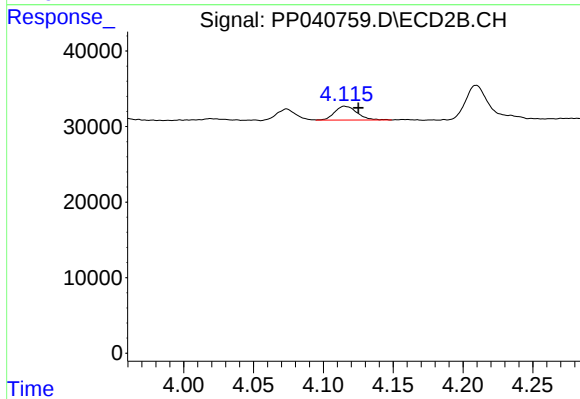
#7 AR-1016-5

R.T.: 5.504 min  
Delta R.T.: -0.003 min  
Response: 275562  
Conc: 492.75 ng/ml



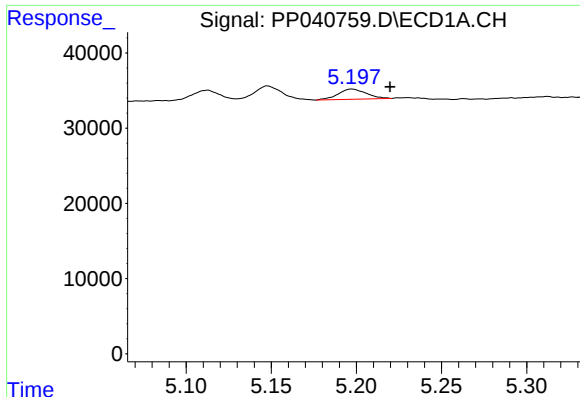
#9 AR-1221-2

R.T.: 5.148 min  
Delta R.T.: 0.014 min  
Response: 22167  
Conc: 146.87 ng/ml



#9 AR-1221-2

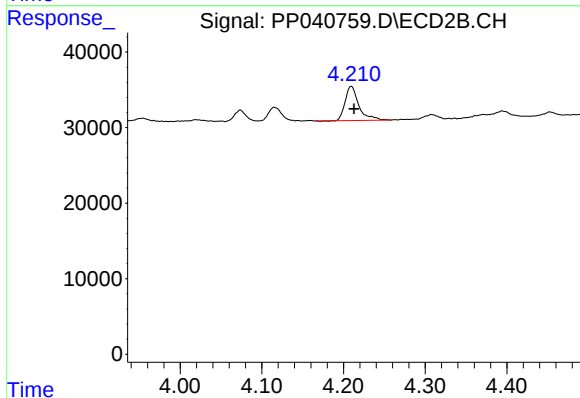
R.T.: 4.115 min  
Delta R.T.: -0.010 min  
Response: 20365  
Conc: 96.80 ng/ml



#10 AR-1221-3

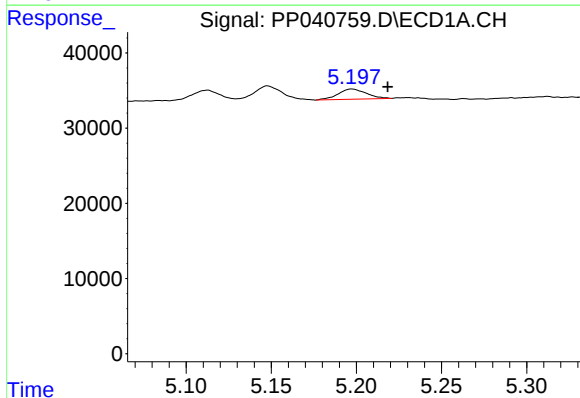
R.T.: 5.197 min  
Delta R.T.: -0.022 min  
Response: 15682  
Conc: 28.48 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



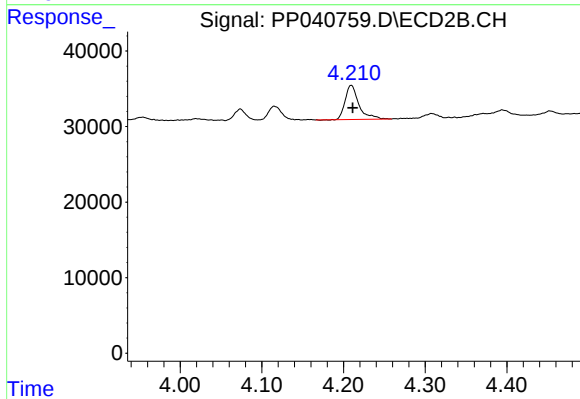
#10 AR-1221-3

R.T.: 4.210 min  
Delta R.T.: -0.004 min  
Response: 53131  
Conc: 80.94 ng/ml



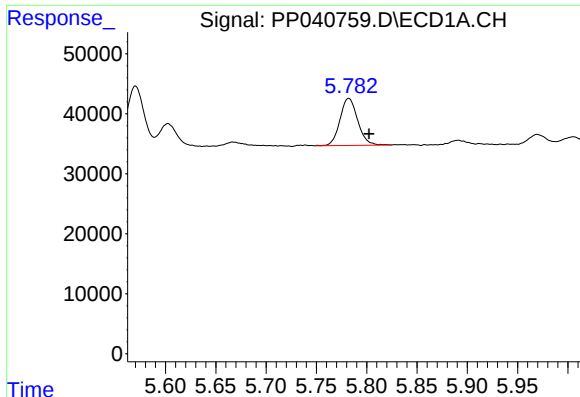
#11 AR-1232-1

R.T.: 5.197 min  
Delta R.T.: -0.021 min  
Response: 15682  
Conc: 34.43 ng/ml



#11 AR-1232-1

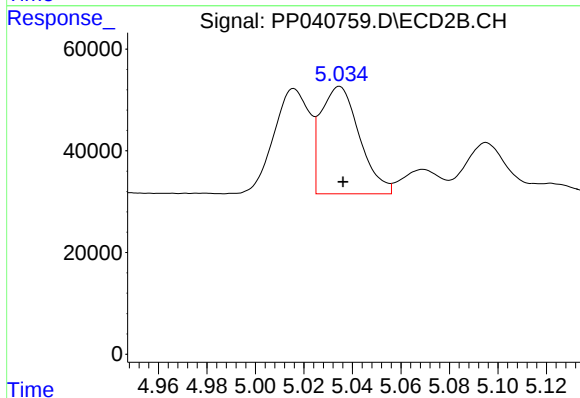
R.T.: 4.210 min  
Delta R.T.: -0.002 min  
Response: 53131  
Conc: 98.45 ng/ml



#12 AR-1232-2

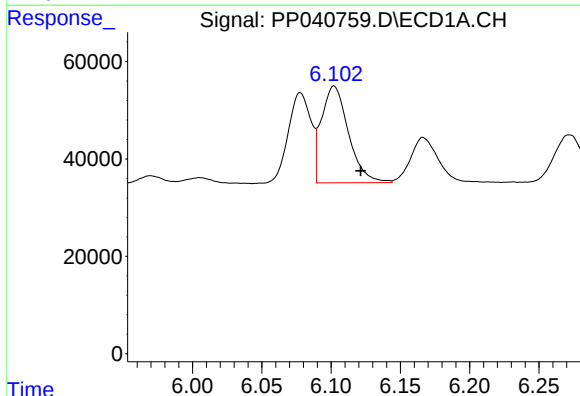
R.T.: 5.782 min  
Delta R.T.: -0.020 min  
Response: 95996  
Conc: 409.77 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



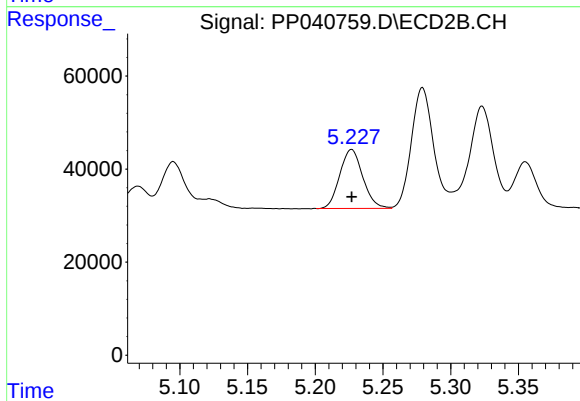
#12 AR-1232-2

R.T.: 5.035 min  
Delta R.T.: -0.001 min  
Response: 233732  
Conc: 549.51 ng/ml



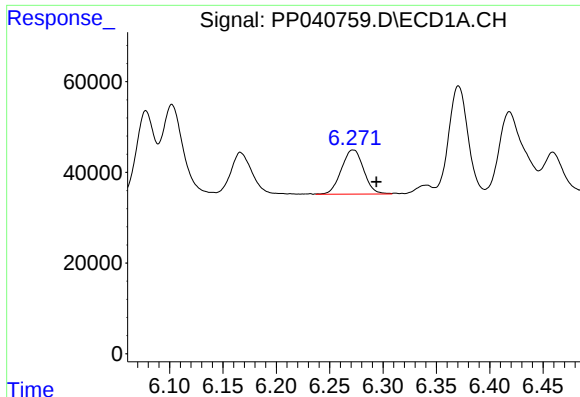
#13 AR-1232-3

R.T.: 6.102 min  
Delta R.T.: -0.019 min  
Response: 269766  
Conc: 627.83 ng/ml



#13 AR-1232-3

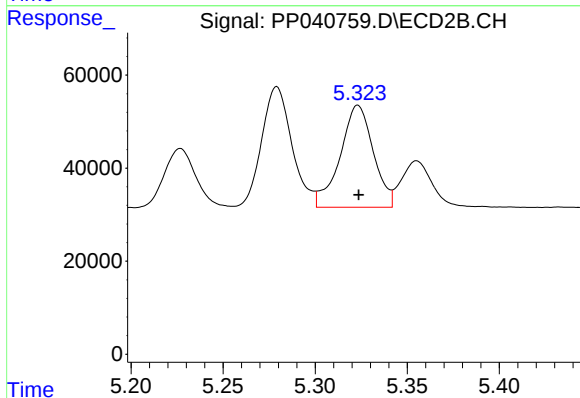
R.T.: 5.227 min  
Delta R.T.: 0.000 min  
Response: 150163  
Conc: 655.00 ng/ml



#14 AR-1232-4

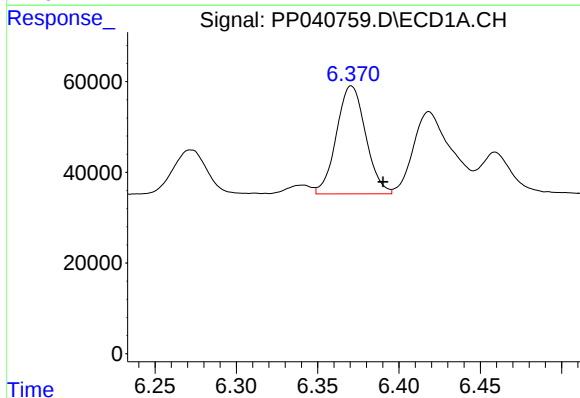
R.T.: 6.272 min  
Delta R.T.: -0.022 min  
Response: 141645  
Conc: 675.90 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



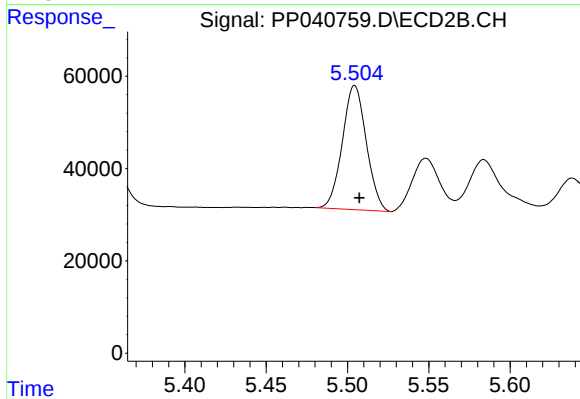
#14 AR-1232-4

R.T.: 5.323 min  
Delta R.T.: 0.000 min  
Response: 275468  
Conc: 1388.25 ng/ml



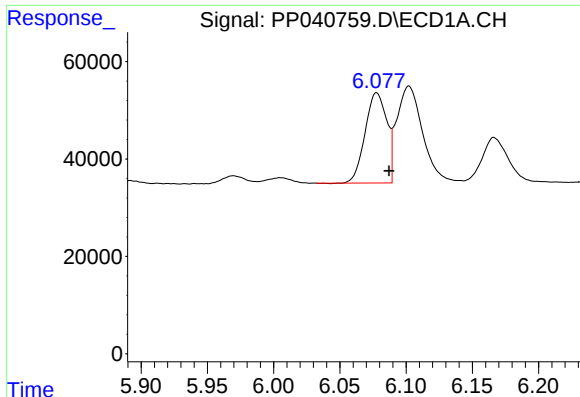
#15 AR-1232-5

R.T.: 6.371 min  
Delta R.T.: -0.020 min  
Response: 297663  
Conc: 2080.76 ng/ml



#15 AR-1232-5

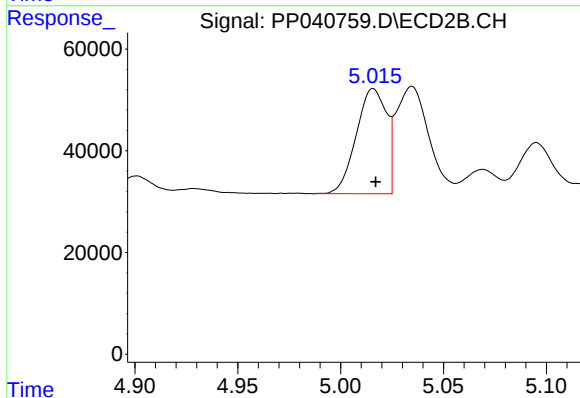
R.T.: 5.504 min  
Delta R.T.: -0.003 min  
Response: 275562  
Conc: 1300.28 ng/ml



#16 AR-1242-1

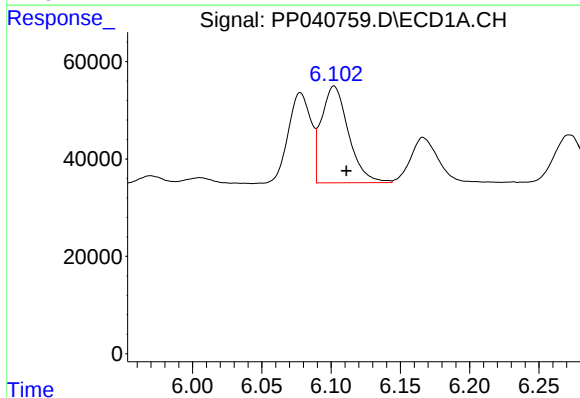
R.T.: 6.078 min  
Delta R.T.: -0.009 min  
Response: 210602  
Conc: 394.93 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



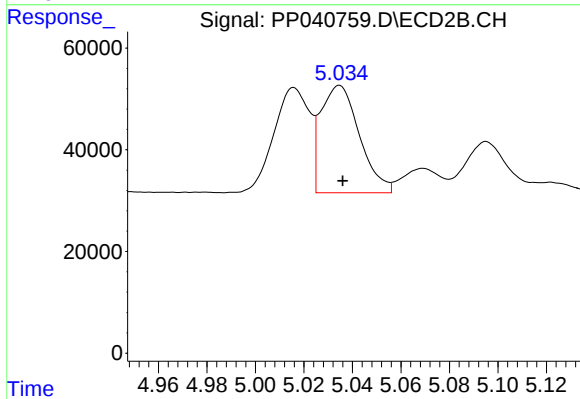
#16 AR-1242-1

R.T.: 5.016 min  
Delta R.T.: -0.001 min  
Response: 211382  
Conc: 392.05 ng/ml



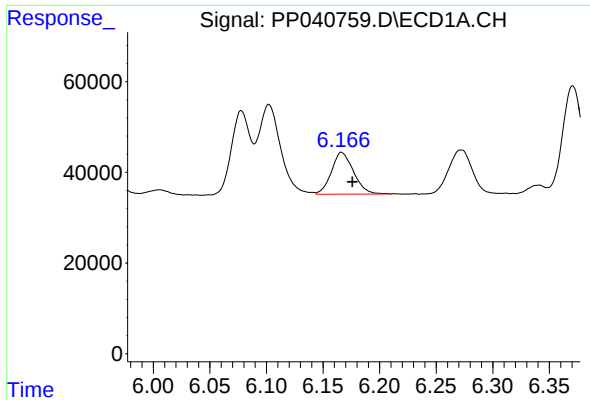
#17 AR-1242-2

R.T.: 6.102 min  
Delta R.T.: -0.009 min  
Response: 269766  
Conc: 333.65 ng/ml



#17 AR-1242-2

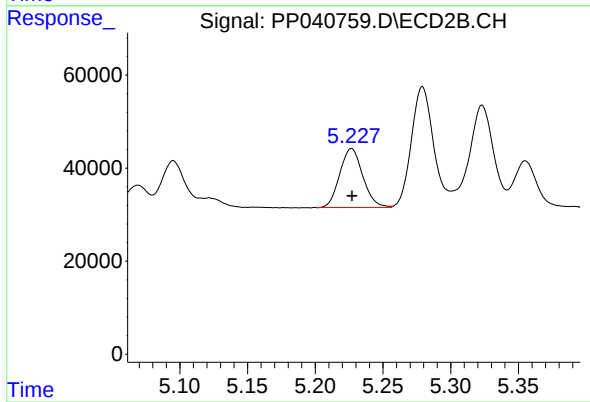
R.T.: 5.035 min  
Delta R.T.: -0.001 min  
Response: 233732  
Conc: 294.63 ng/ml



#18 AR-1242-3

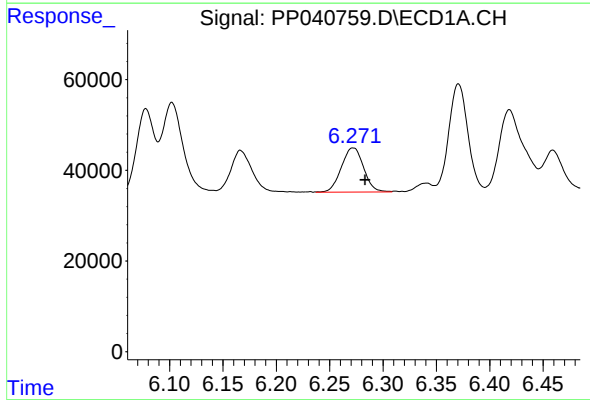
R.T.: 6.166 min  
Delta R.T.: -0.010 min  
Response: 125389  
Conc: 252.87 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



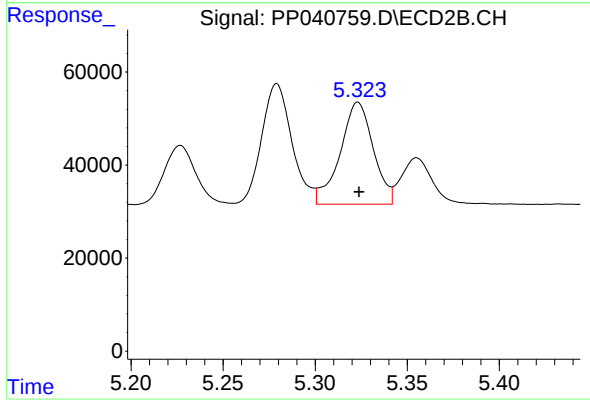
#18 AR-1242-3

R.T.: 5.227 min  
Delta R.T.: 0.000 min  
Response: 150163  
Conc: 344.32 ng/ml



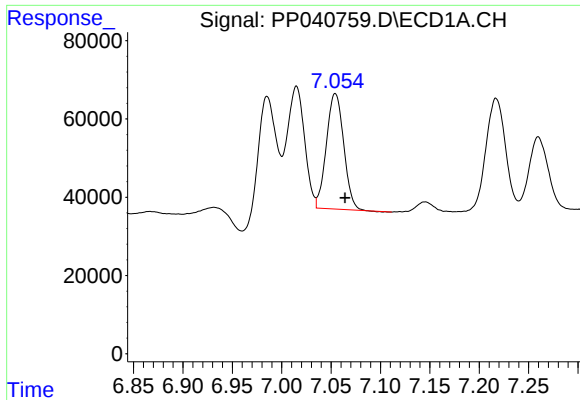
#19 AR-1242-4

R.T.: 6.272 min  
Delta R.T.: -0.011 min  
Response: 141645  
Conc: 346.28 ng/ml



#19 AR-1242-4

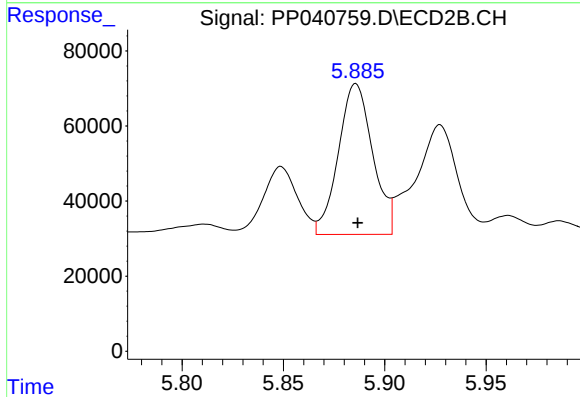
R.T.: 5.323 min  
Delta R.T.: 0.000 min  
Response: 275468  
Conc: 666.15 ng/ml



#20 AR-1242-5

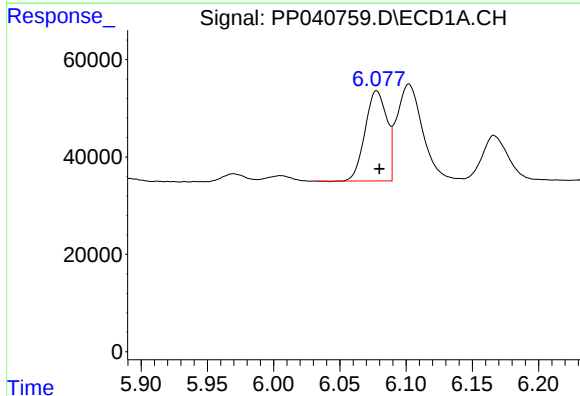
R.T.: 7.054 min  
Delta R.T.: -0.010 min  
Response: 360829  
Conc: 788.91 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



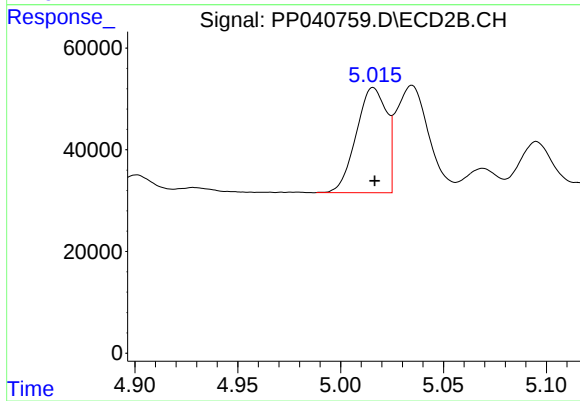
#20 AR-1242-5

R.T.: 5.886 min  
Delta R.T.: 0.000 min  
Response: 473437  
Conc: 1027.90 ng/ml



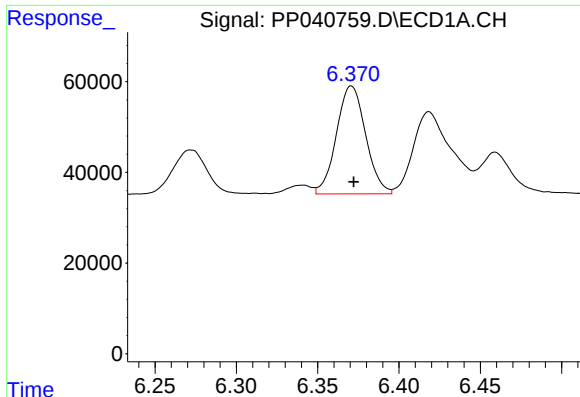
#21 AR-1248-1

R.T.: 6.078 min  
Delta R.T.: -0.002 min  
Response: 210602  
Conc: 536.17 ng/ml



#21 AR-1248-1

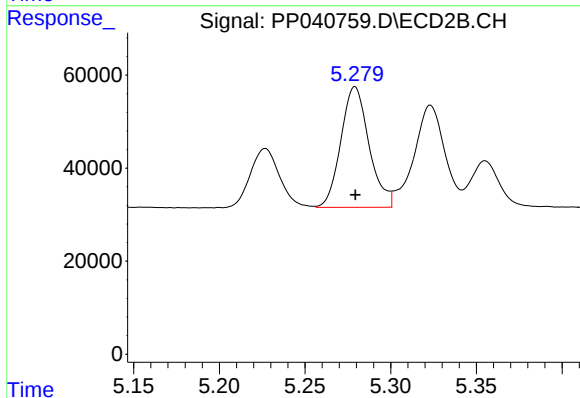
R.T.: 5.016 min  
Delta R.T.: 0.000 min  
Response: 211382  
Conc: 531.37 ng/ml



#22 AR-1248-2

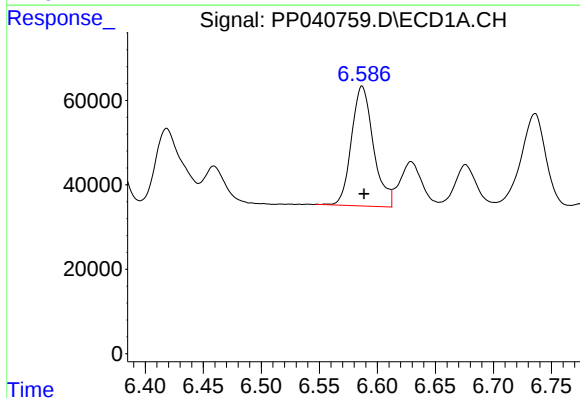
R.T.: 6.371 min  
Delta R.T.: -0.002 min  
Response: 297663  
Conc: 526.42 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



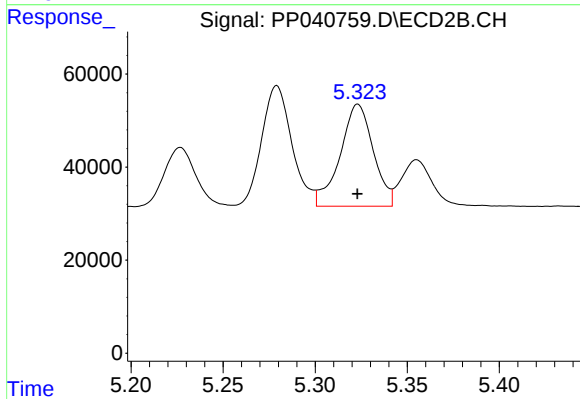
#22 AR-1248-2

R.T.: 5.279 min  
Delta R.T.: 0.000 min  
Response: 297523  
Conc: 512.88 ng/ml



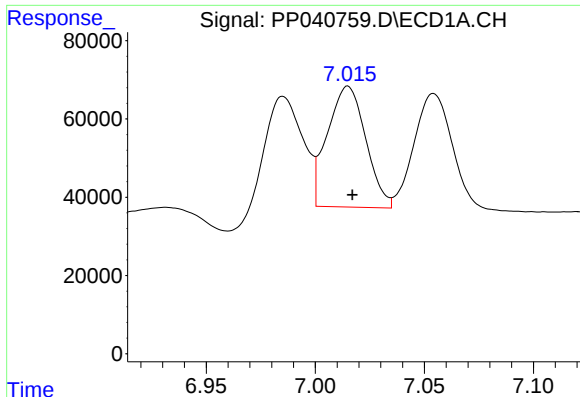
#23 AR-1248-3

R.T.: 6.587 min  
Delta R.T.: -0.002 min  
Response: 373940  
Conc: 533.28 ng/ml



#23 AR-1248-3

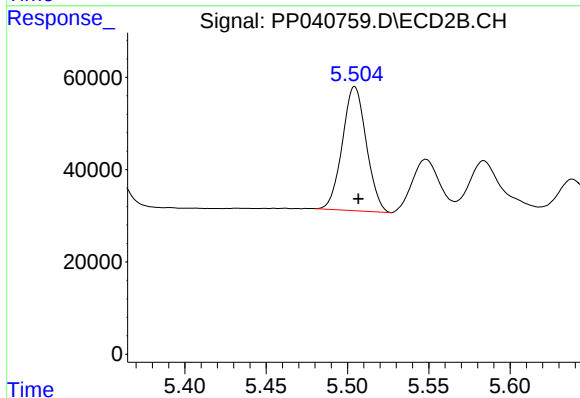
R.T.: 5.323 min  
Delta R.T.: 0.000 min  
Response: 275468  
Conc: 456.70 ng/ml



#24 AR-1248-4

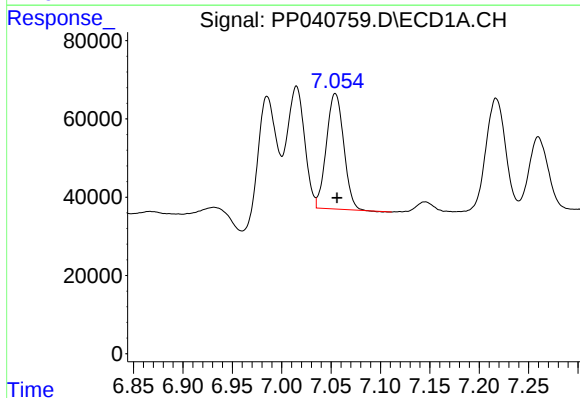
R.T.: 7.015 min  
Delta R.T.: -0.002 min  
Response: 377634  
Conc: 478.06 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



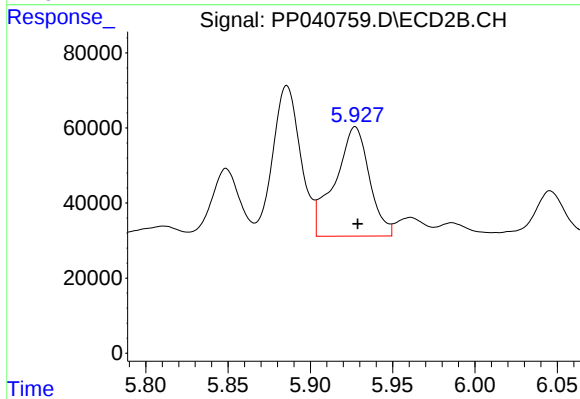
#24 AR-1248-4

R.T.: 5.504 min  
Delta R.T.: -0.002 min  
Response: 275562  
Conc: 400.80 ng/ml



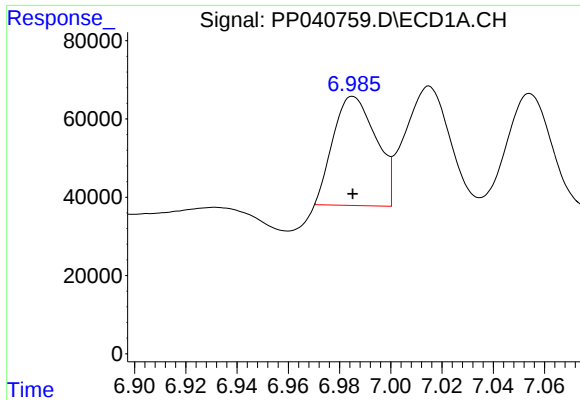
#25 AR-1248-5

R.T.: 7.054 min  
Delta R.T.: -0.002 min  
Response: 360829  
Conc: 462.08 ng/ml



#25 AR-1248-5

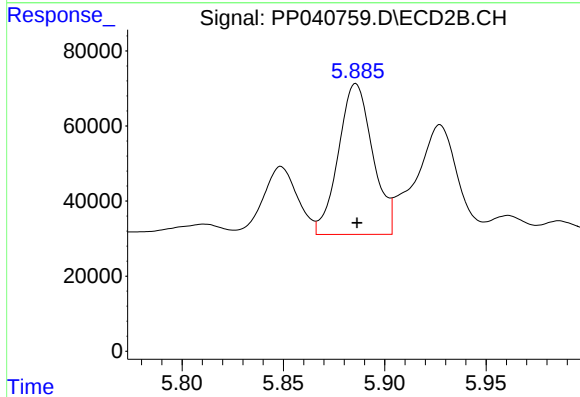
R.T.: 5.927 min  
Delta R.T.: -0.002 min  
Response: 423893  
Conc: 671.12 ng/ml



#26 AR-1254-1

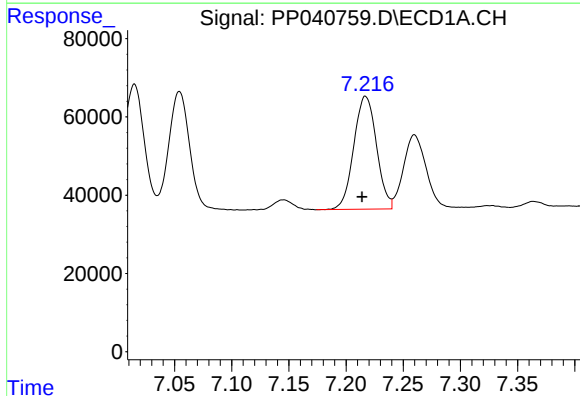
R.T.: 6.985 min  
Delta R.T.: 0.000 min  
Response: 323552  
Conc: 419.10 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



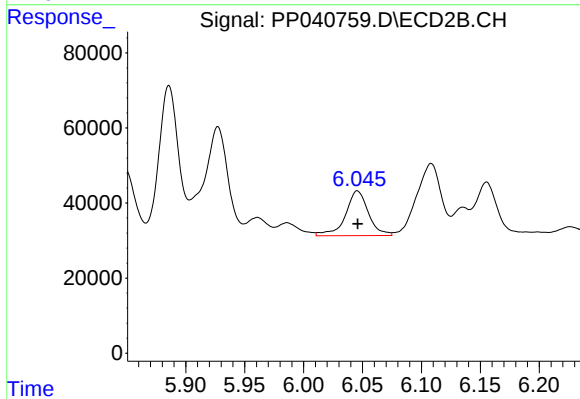
#26 AR-1254-1

R.T.: 5.886 min  
Delta R.T.: 0.000 min  
Response: 473437  
Conc: 486.71 ng/ml



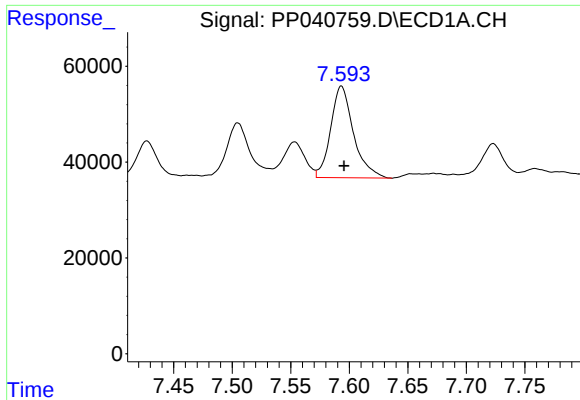
#27 AR-1254-2

R.T.: 7.217 min  
Delta R.T.: 0.003 min  
Response: 398890  
Conc: 321.34 ng/ml



#27 AR-1254-2

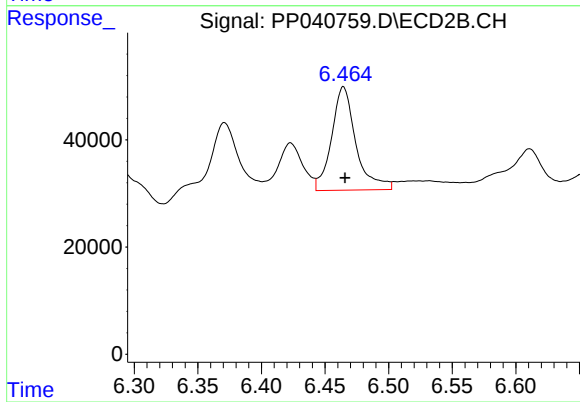
R.T.: 6.046 min  
Delta R.T.: 0.000 min  
Response: 161153  
Conc: 192.02 ng/ml



#28 AR-1254-3

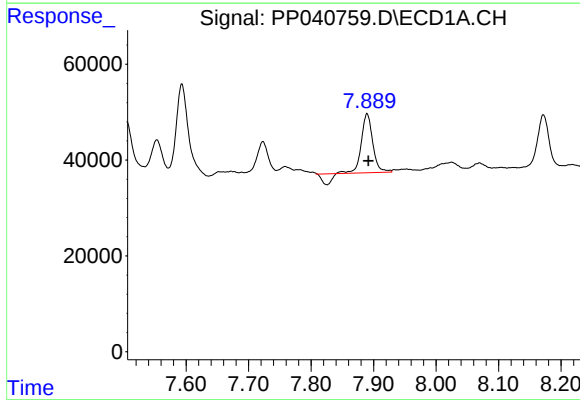
R.T.: 7.593 min  
Delta R.T.: -0.002 min  
Response: 259674  
Conc: 192.88 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



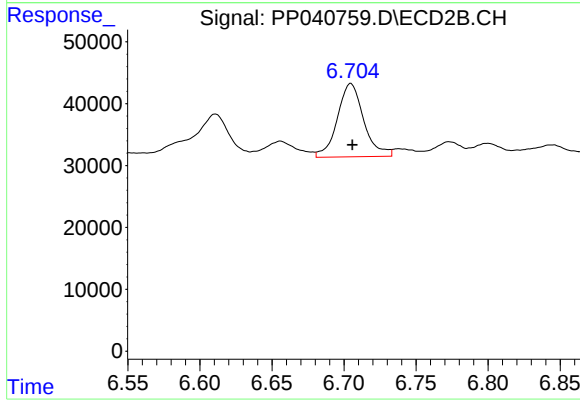
#28 AR-1254-3

R.T.: 6.465 min  
Delta R.T.: -0.001 min  
Response: 257427  
Conc: 203.83 ng/ml



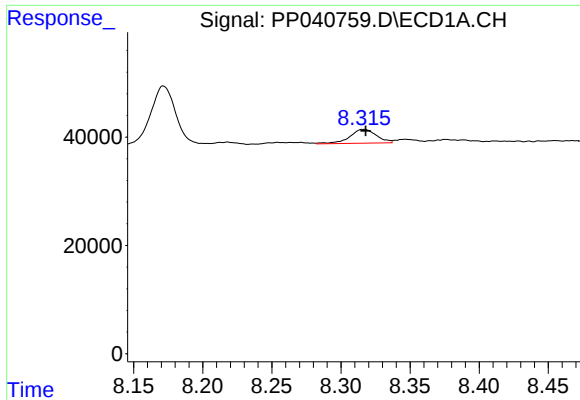
#29 AR-1254-4

R.T.: 7.890 min  
Delta R.T.: -0.002 min  
Response: 138305  
Conc: 141.75 ng/ml



#29 AR-1254-4

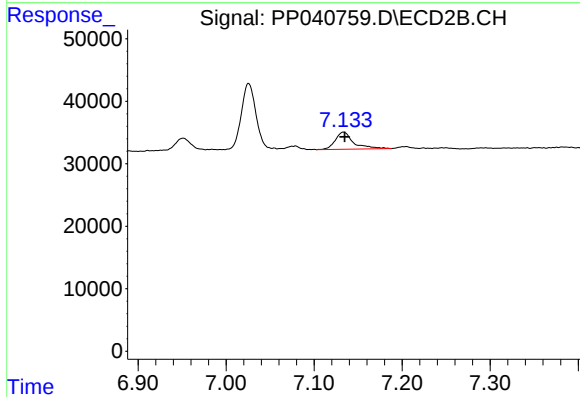
R.T.: 6.705 min  
Delta R.T.: -0.001 min  
Response: 150933  
Conc: 202.85 ng/ml



#30 AR-1254-5

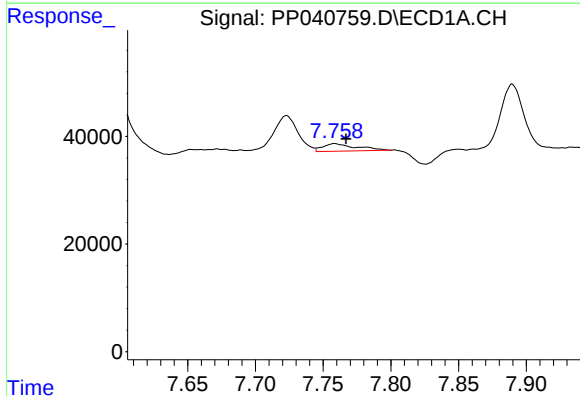
R.T.: 8.316 min  
Delta R.T.: -0.002 min  
Response: 34276  
Conc: 31.59 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



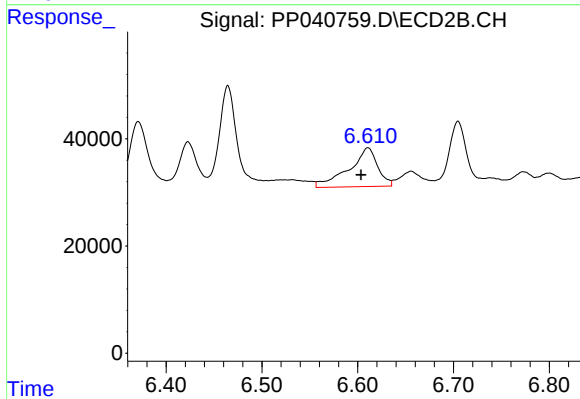
#30 AR-1254-5

R.T.: 7.133 min  
Delta R.T.: -0.001 min  
Response: 39709  
Conc: 36.98 ng/ml



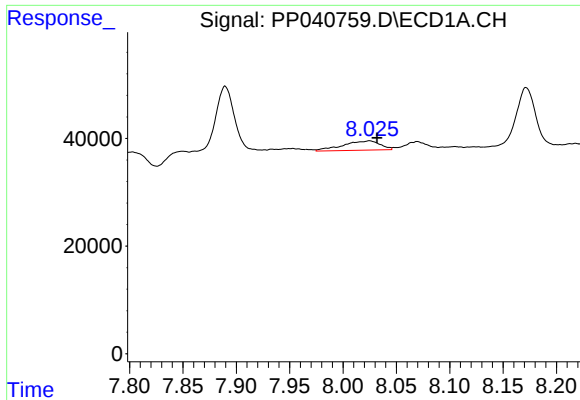
#31 AR-1260-1

R.T.: 7.759 min  
Delta R.T.: -0.008 min  
Response: 24158  
Conc: 24.88 ng/ml



#31 AR-1260-1

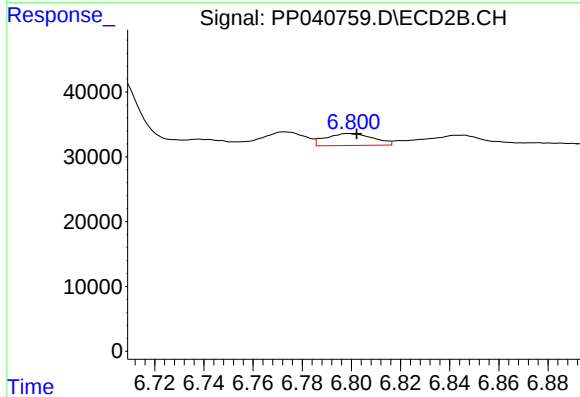
R.T.: 6.611 min  
Delta R.T.: 0.007 min  
Response: 150038  
Conc: 172.91 ng/ml



#32 AR-1260-2

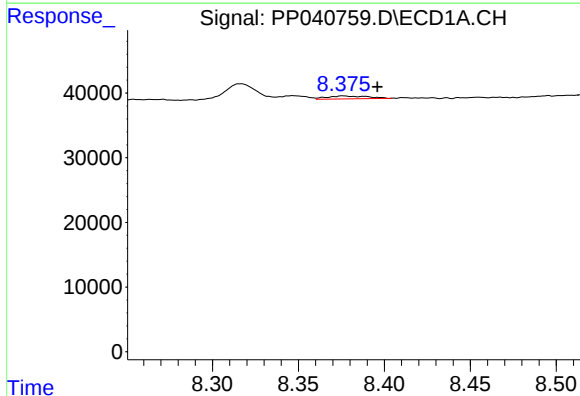
R.T.: 8.025 min  
Delta R.T.: -0.007 min  
Response: 41851  
Conc: 36.15 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



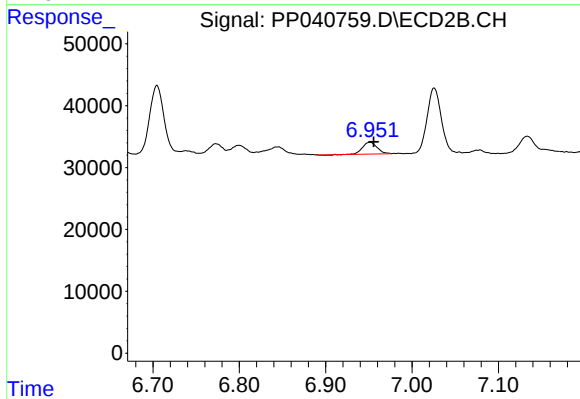
#32 AR-1260-2

R.T.: 6.800 min  
Delta R.T.: -0.003 min  
Response: 24698  
Conc: 24.55 ng/ml



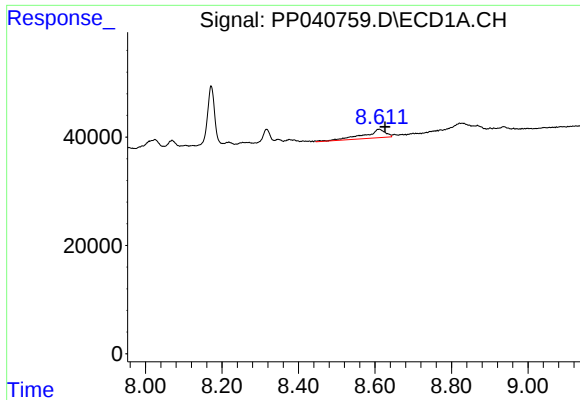
#33 AR-1260-3

R.T.: 8.376 min  
Delta R.T.: -0.020 min  
Response: 7265  
Conc: 8.23 ng/ml



#33 AR-1260-3

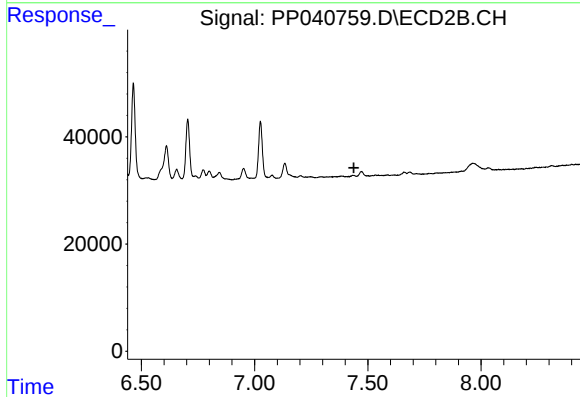
R.T.: 6.951 min  
Delta R.T.: -0.004 min  
Response: 21755  
Conc: 23.05 ng/ml



#34 AR-1260-4

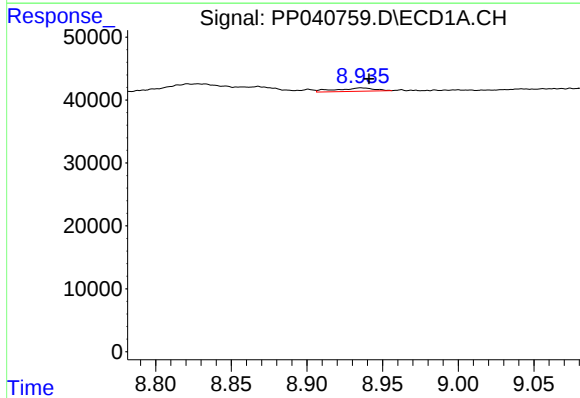
R.T.: 8.611 min  
Delta R.T.: -0.015 min  
Response: 61886  
Conc: 58.57 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



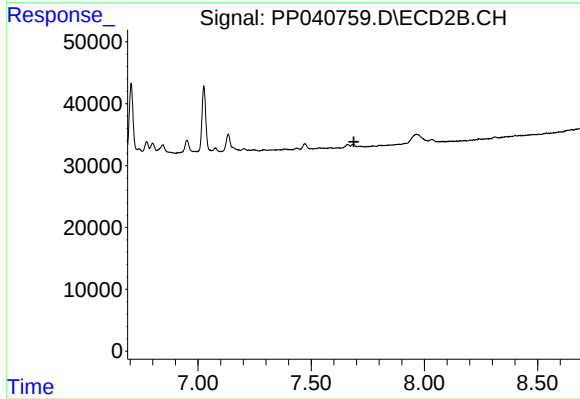
#34 AR-1260-4

R.T.: 0.000 min  
Exp R.T. : 7.438 min  
Response: 0  
Conc: N.D.



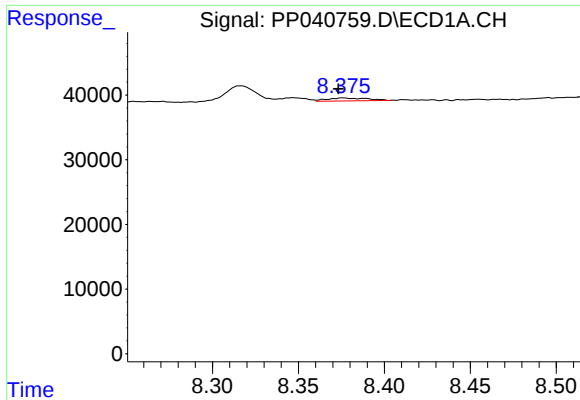
#35 AR-1260-5

R.T.: 8.936 min  
Delta R.T.: -0.005 min  
Response: 9462  
Conc: 4.53 ng/ml



#35 AR-1260-5

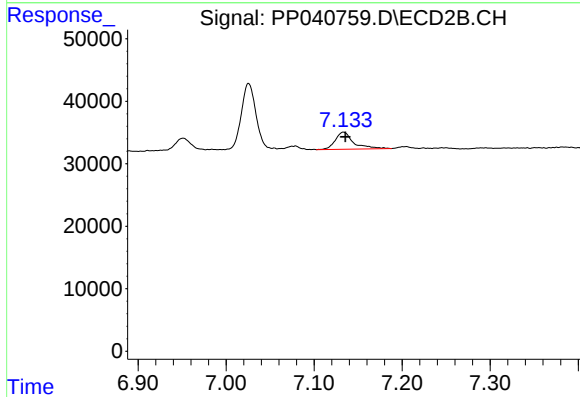
R.T.: 0.000 min  
Exp R.T. : 7.689 min  
Response: 0  
Conc: N.D.



#36 AR-1262-1

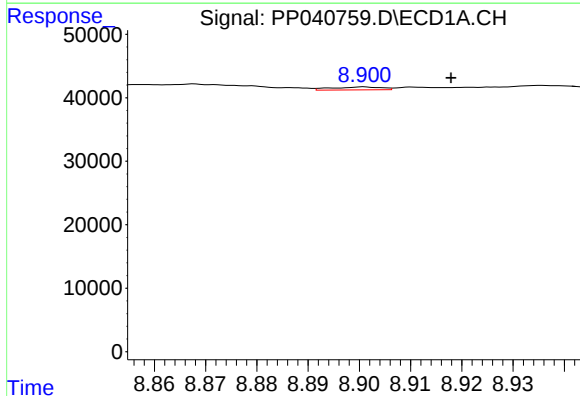
R.T.: 8.376 min  
Delta R.T.: 0.003 min  
Response: 7265  
Conc: 5.80 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



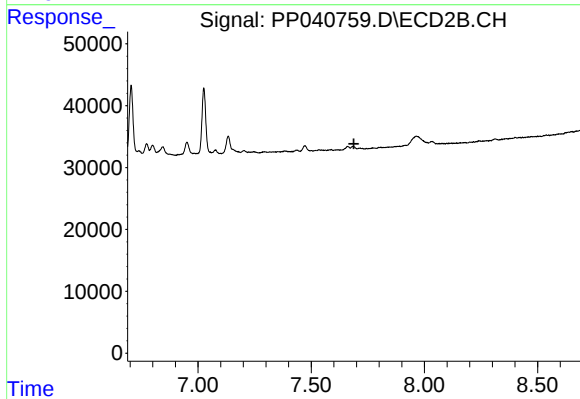
#36 AR-1262-1

R.T.: 7.133 min  
Delta R.T.: -0.002 min  
Response: 39709  
Conc: 68.91 ng/ml



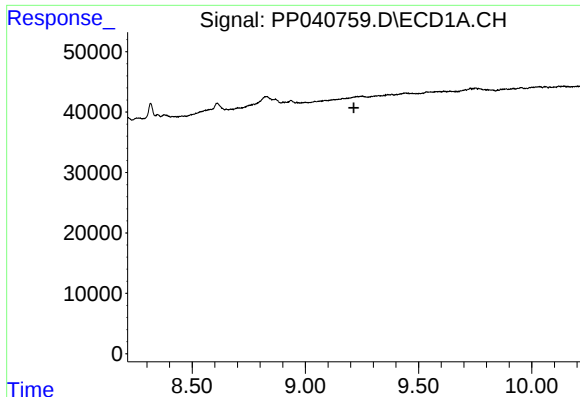
#37 AR-1262-2

R.T.: 8.901 min  
Delta R.T.: -0.017 min  
Response: 3157  
Conc: 1.39 ng/ml



#37 AR-1262-2

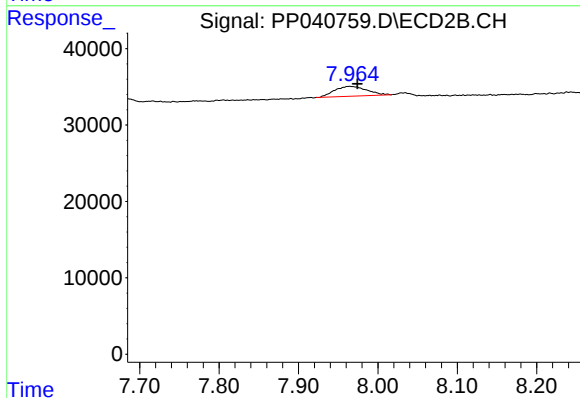
R.T.: 0.000 min  
Exp R.T.: 7.689 min  
Response: 0  
Conc: N.D.



#38 AR-1262-3

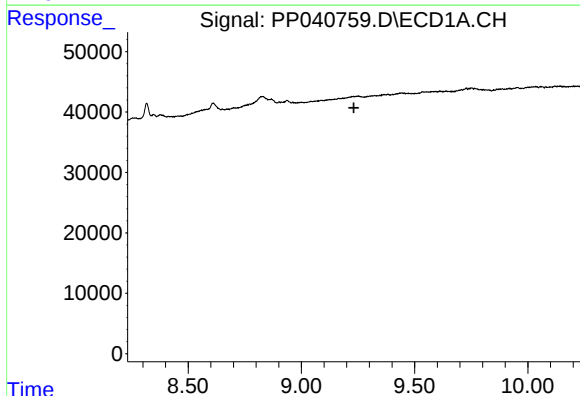
R.T.: 0.000 min  
Exp R.T.: 9.214 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :



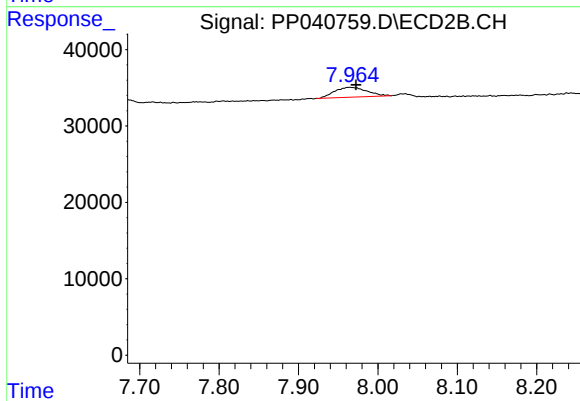
#38 AR-1262-3

R.T.: 7.964 min  
Delta R.T.: -0.010 min  
Response: 36649  
Conc: 47.27 ng/ml



#41 AR-1268-1

R.T.: 0.000 min  
Exp R.T.: 9.232 min  
Response: 0  
Conc: N.D.



#41 AR-1268-1

R.T.: 7.964 min  
Delta R.T.: -0.008 min  
Response: 36649  
Conc: 17.09 ng/ml