

Unison UK-Amino

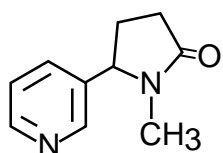
Cadenza CD-C18

100 x 3 mm

Application

Nicotine derivatives and Metabolites

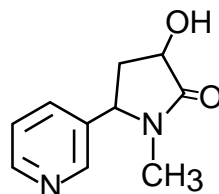
ニコチン類縁体と代謝物



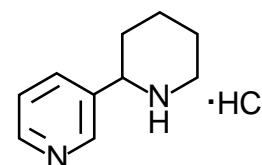
1 cotinine



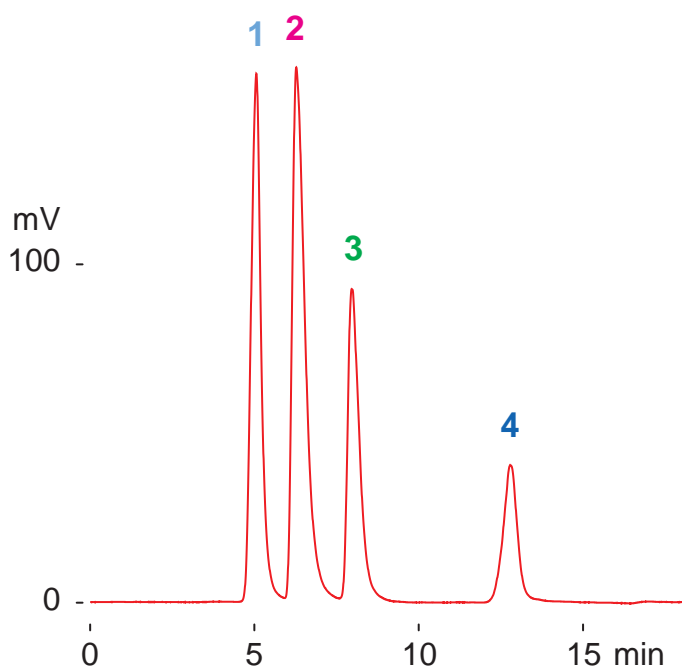
2 nicotine



3 3-hydroxycotinine

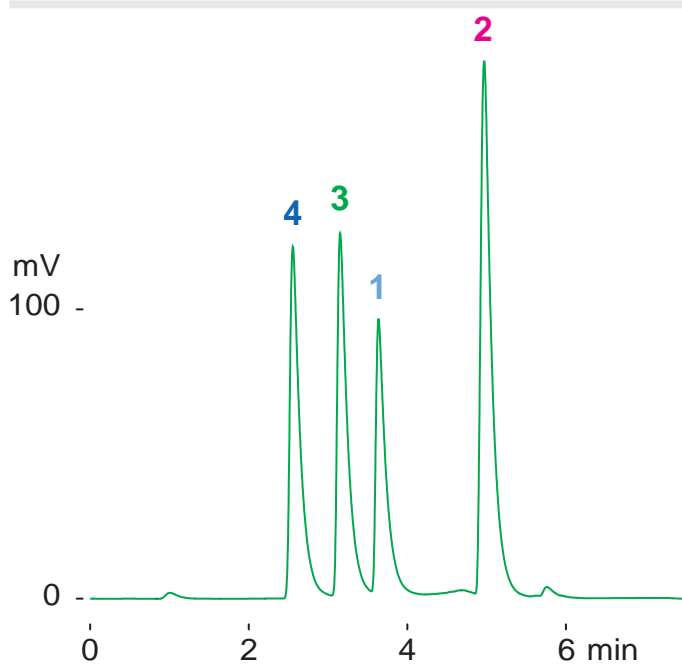


4 anabasine hydrochloride



**normal phase**

Unison UK-Amino, 100 x 3 mm  
 A: hexane /TFA = 100 /0.5  
 B: ethanol /water /TFA = 100 /0.1 /0.5  
 15-65%B(0-15min)  
 0.4mL/min (2MPa), 37deg.C, ELSD  
 0.8uL (4ug)



**reversed phase**

Cadenza CD-C18, 100 x 3 mm  
 A: water / HFBA = 100 / 0.1  
 B: acetonitrile / HFBA = 100 / 0.1  
 0-40%B(0-6min)  
 0.4mL/min (6MPa), 37deg.C, ELSD  
 1uL (5ug)