

Nardis ND-NX

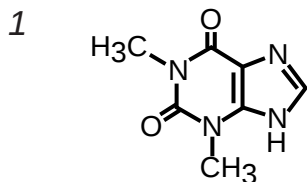
Unison UK-Amino

250 x 4.6 mm

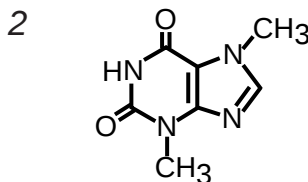
HPLC COLUMN APPLICATION

Methylxanthines

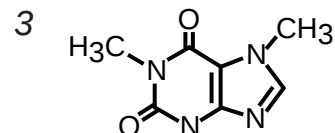
メチルキサンチン類



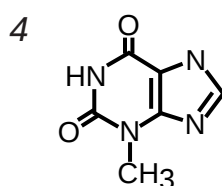
1,3-dimethylxanthine
(theophylline, 0.2mg/mL)



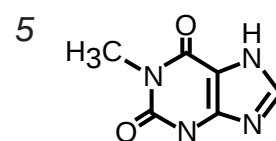
3,7-dimethylxanthine
(theobromine, 0.2mg/mL)



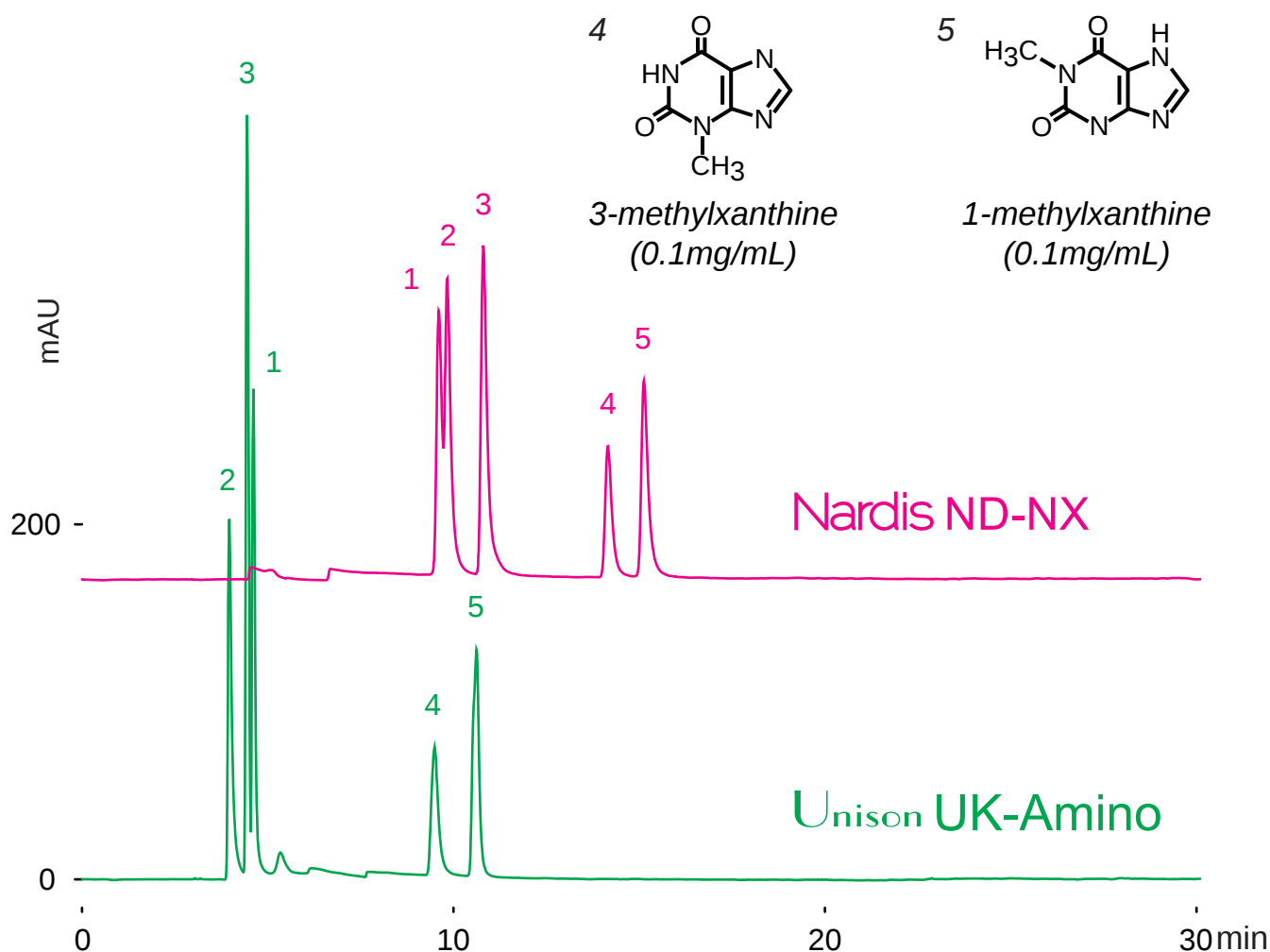
1,7-dimethylxanthine
(0.2mg/mL)



3-methylxanthine
(0.1mg/mL)



1-methylxanthine
(0.1mg/mL)



250 x 4.6 mm

A: **acetonitrile** / formic acid = 100 / 0.1

B: **methanol** / 100mM ammonium formate = 50 / 50

0-25%B (0-30min)

1.0mL/min (6-7MPa), 50°C, 260nm

10μL (0.1mg/mL, 0.1M ammonia solution/acetonitrile=30/70)