

Nardis ND-RX

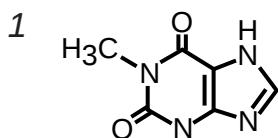
Unison UK-Phenyl

150 x 4.6 mm

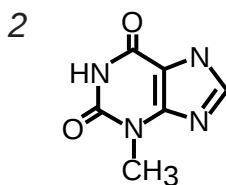
HPLC COLUMN APPLICATION

Methylxanthines

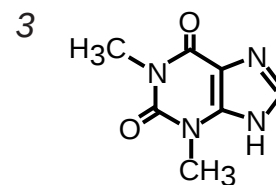
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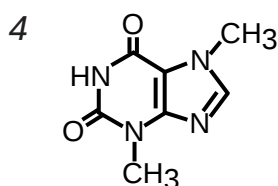
1-methylxanthine
(0.1mg/mL)



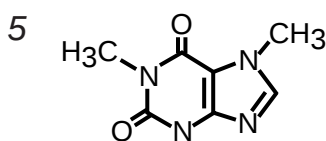
3-methylxanthine
(0.1mg/mL)



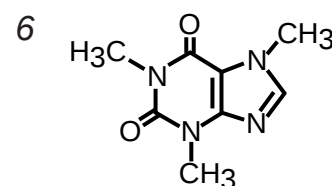
1,3-dimethylxanthine
(theophylline, 0.2mg/mL)



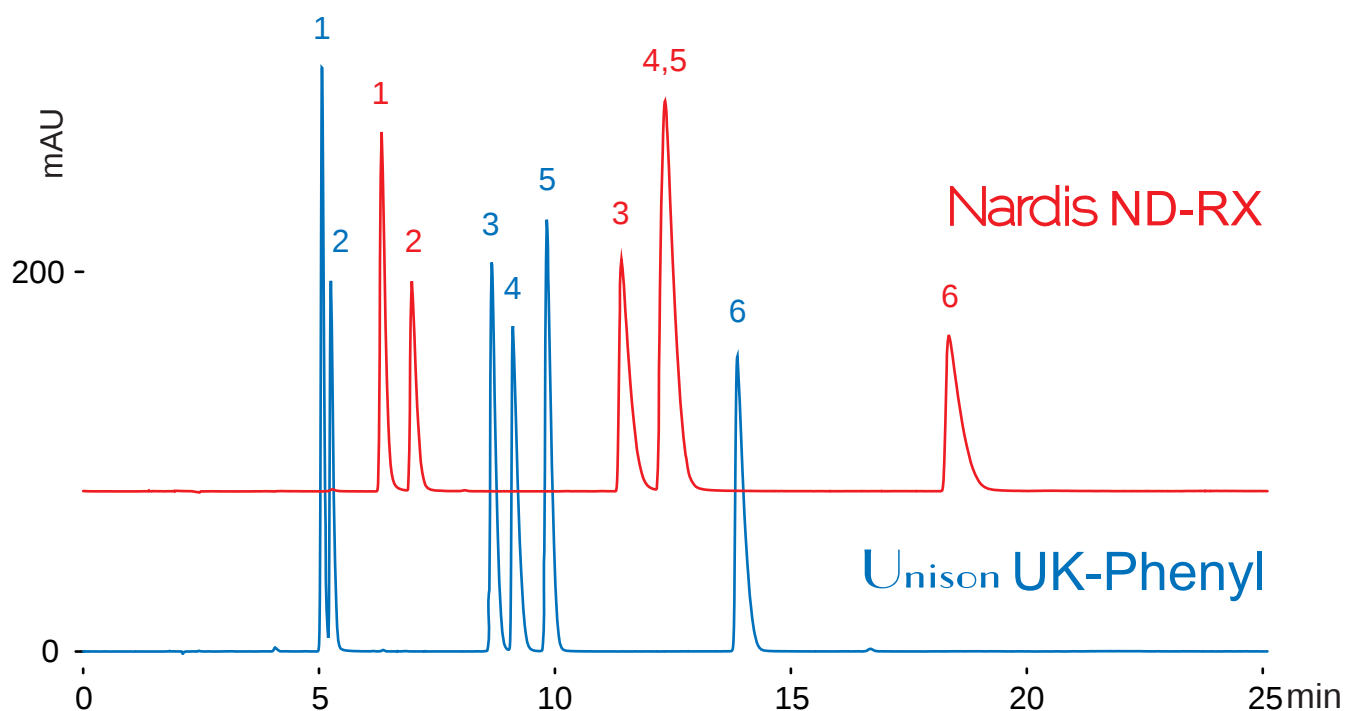
3,7-dimethylxanthine
(theobromine, 0.2mg/mL)



1,7-dimethylxanthine
(0.2mg/mL)



1,3,7-trimethylxanthine
(caffeine, 0.2mg/mL)



150 x 4.6 mm

A: water / formic acid = 100 / 0.1

B: 100mM ammonium formate / acetonitrile = 50 / 50

0-30%B (0-25min)

1.0mL/min (9MPa), 37°C, 260nm

10μL (0.1-0.2mg/mL, 0.1M ammonia solution)