

Unison UK-C18

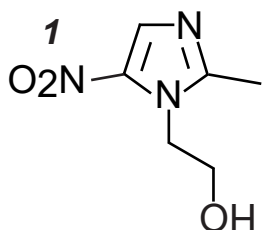
Cadenza CD-C18

100 x 3 mm

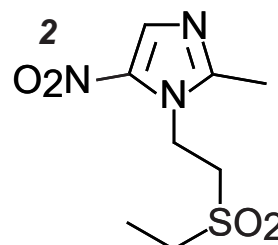
HPLC COLUMN APPLICATION

**LC-MS: Metronidazole type antiprotozoal
(Metronidazole, tinidazole)**

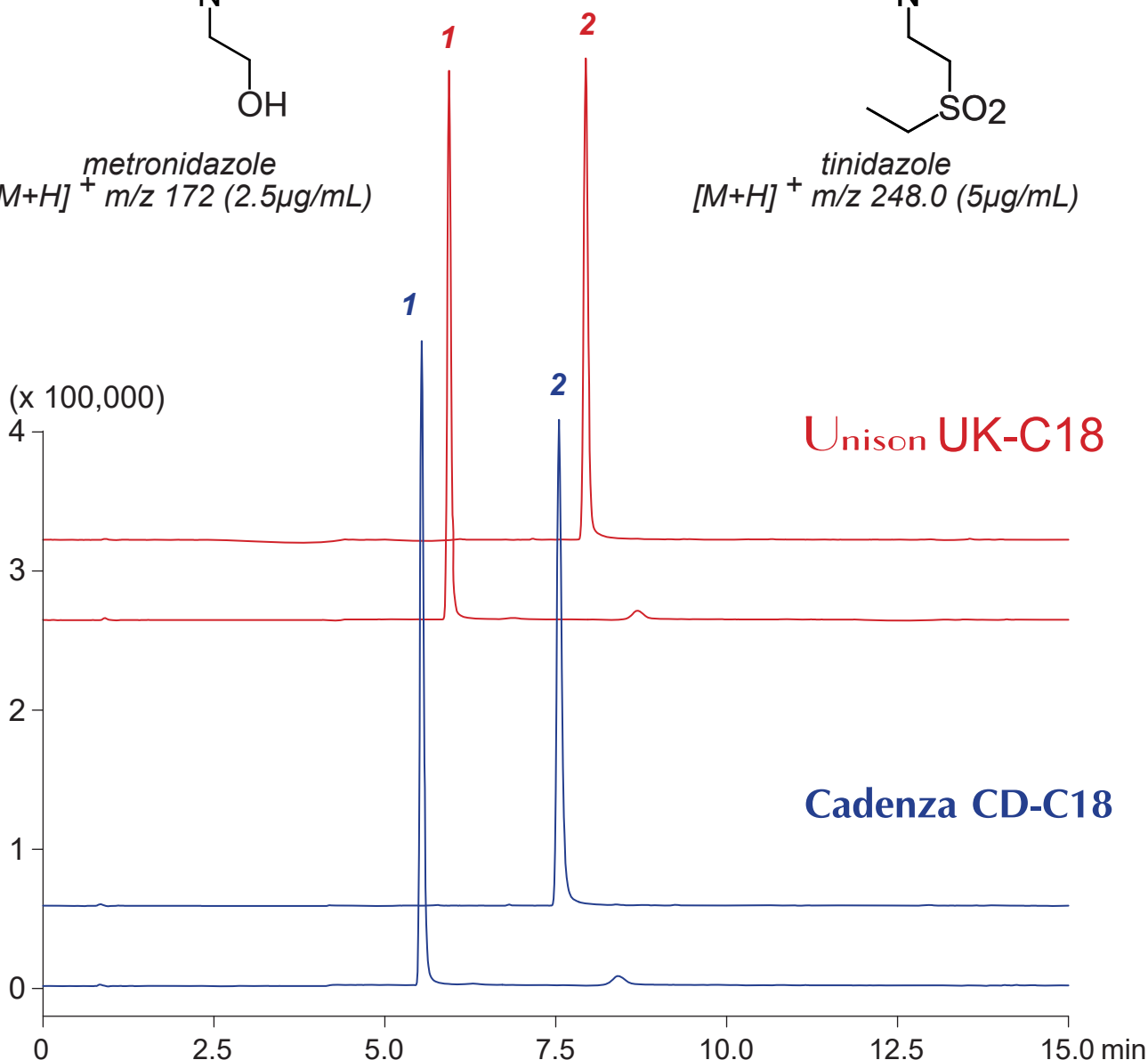
メトロニダゾール系抗原虫薬 (メトロニダゾール, チニダゾール) の LC-MS 分析



metronidazole
[M+H]⁺ m/z 172 (2.5μg/mL)



tinidazole
[M+H]⁺ m/z 248.0 (5μg/mL)



100x 3 mm

A: water / formic acid = 100 / 0.1

B: water / acetonitrile/ formic acid = 5 / 95 / 0.1

0%B (0-1min), 0-50%B (1-12min), 100%B (12-15min)

0.4mL/min (7MPa), 37°C, Single Quad. MS (ESI)

5μL (2.5-5μg/mL, water / HCOOH = 100 / 1)