

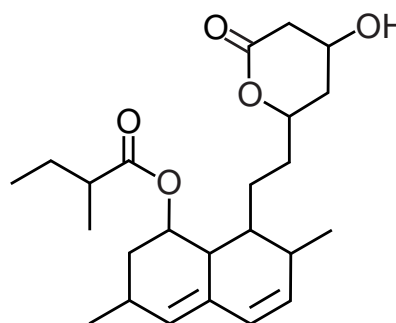
Unison UK-C1  
 Unison UK-Phenyl  
 Unison UK-C8

150 x 3 mm

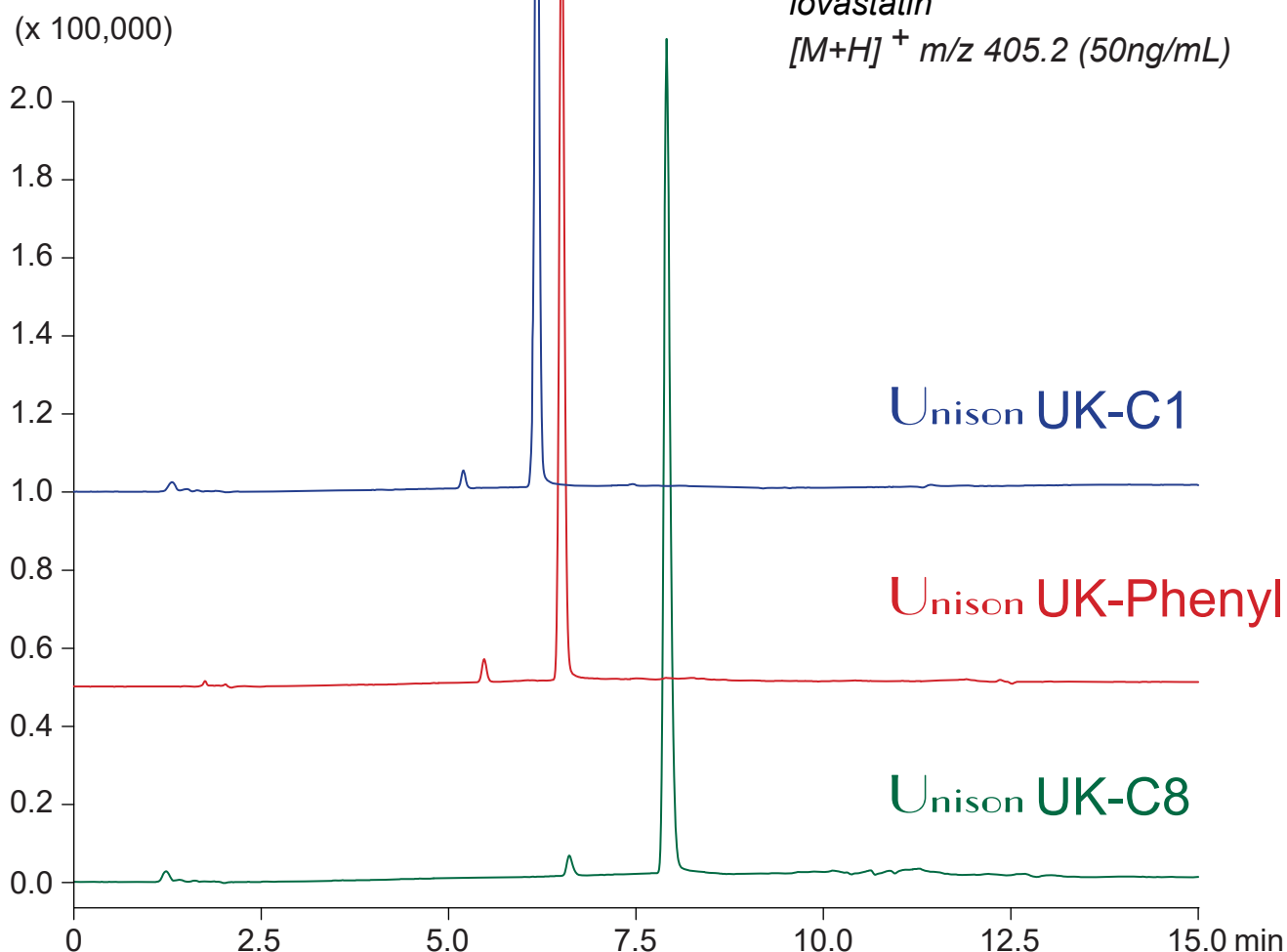
HPLC COLUMN APPLICATION

LC-MS: Lovastatin (Monacolin K, red yeast rice ingredient)

ロバスタチン (モナコリン K, 紅麹成分) の LC-MS 分析



lovastatin  
 $[M+H]^+$  m/z 405.2 (50ng/mL)



150 x 3 mm

A: acetonitrile / water / formic acid = 10 / 90 / 0.1

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

40-100%B (0-10min), 100%B (10-15min)

0.4mL/min (8-9MPa), 37°C, Single Quad. MS (ESI)

10μL (50ng/mL, ACN / water / HCOOH = 50 / 50 / 1)