

Unison UK-Amino MF

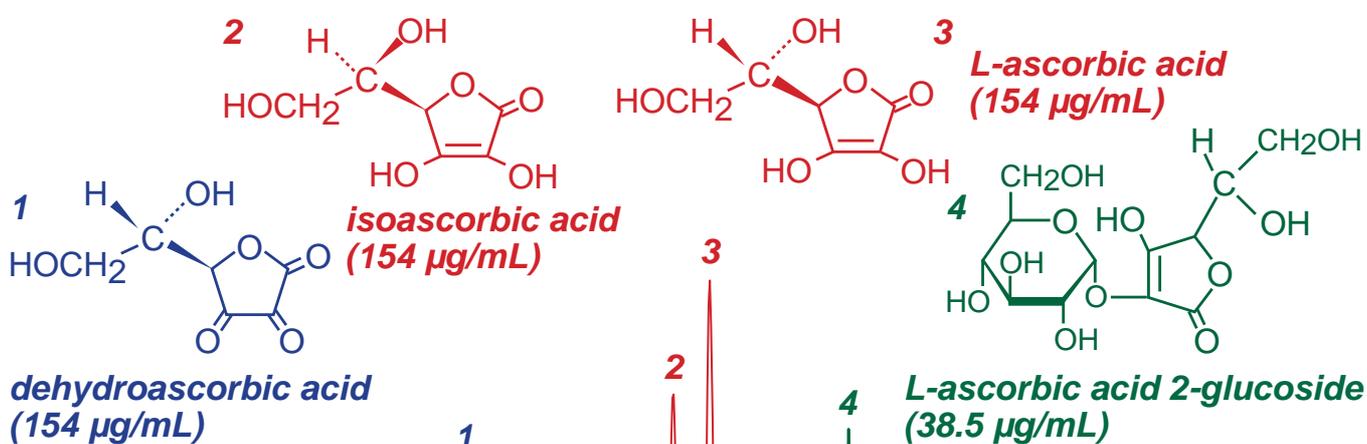
Unison UK-Amino

150 x 2 mm

HPLC COLUMN APPLICATION

LC-MS: Ascorbic acid (Vitamin C) and related compounds

アスコルビン酸 (ビタミン C) 関連化合物の LC-MS 分析



dehydroascorbic acid (154 $\mu\text{g/mL}$)

L-ascorbic acid 2-glucoside (38.5 $\mu\text{g/mL}$)

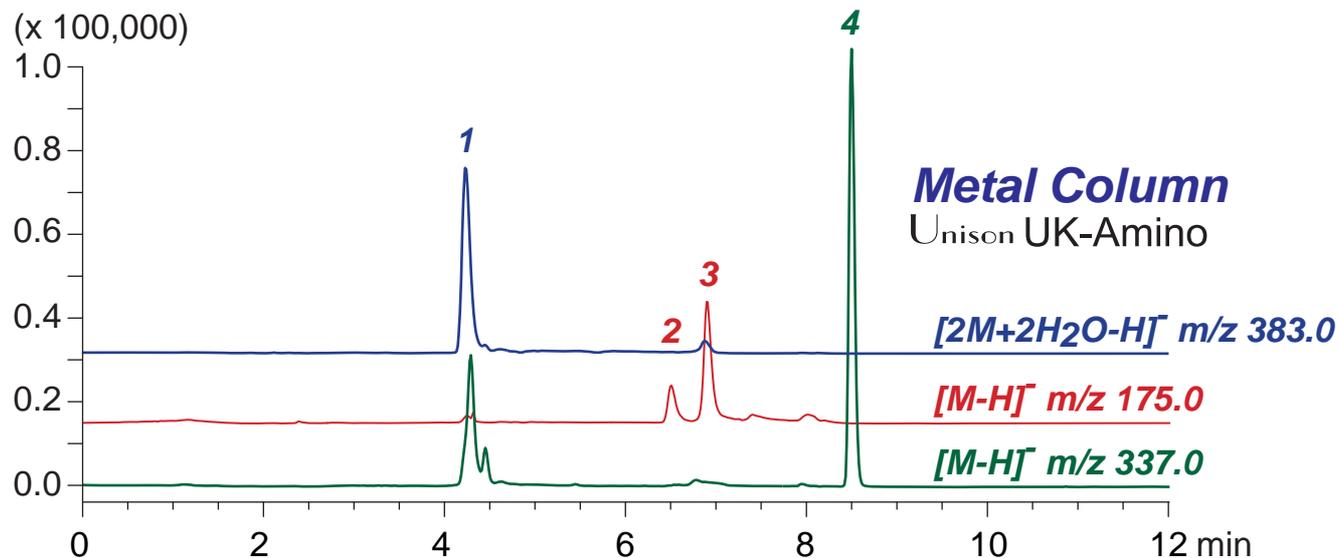
Metal Free Column

Unison UK-Amino MF

[2M+2H₂O-H]⁺ m/z 383.0

[M-H]⁻ m/z 175.0

[M-H]⁻ m/z 337.0



Unison UK-Amino MF, 150 x 2 mm

A: acetonitrile / water / formic acid = 90 / 10 / 0.3

B: 100mM ammonium formate

0-30%B (0-8min), 100%B (8-12min)

0.2 mL/min (4MPa), 37°C, 1 μL (38.5-154 $\mu\text{g/mL}$, water)

Single Quad. MS (ESI)