

Intrada Organic Acid

150 x 2 mm

HPLC COLUMN APPLICATION

LC-MS: Short-fatty acids

短鎖脂肪酸類の LC-MS 分析

1 CH_3COOH
acetic acid

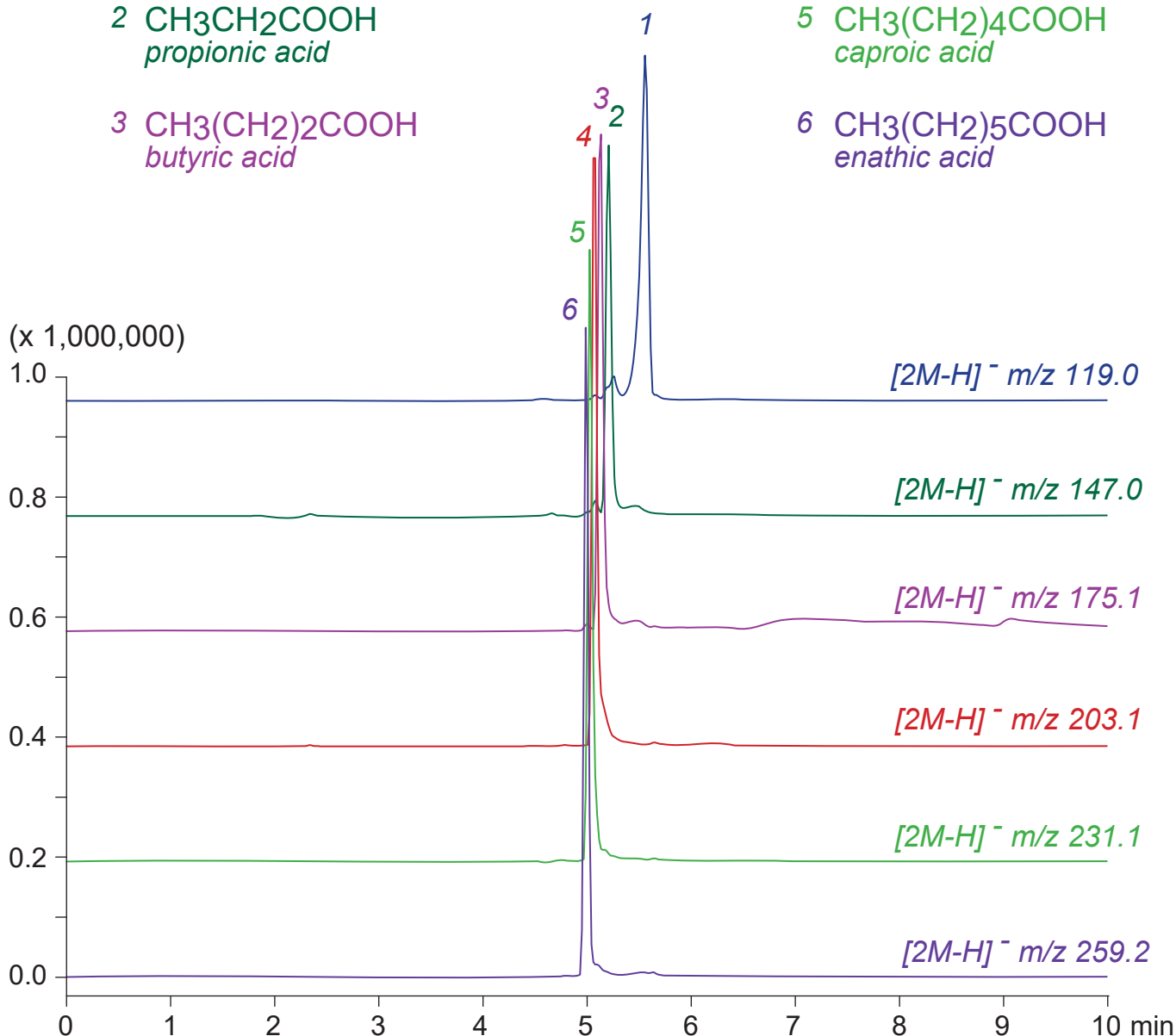
2 $\text{CH}_3\text{CH}_2\text{COOH}$
propionic acid

3 $\text{CH}_3(\text{CH}_2)_2\text{COOH}$
butyric acid

4 $\text{CH}_3(\text{CH}_2)_3\text{COOH}$
valeric acid

5 $\text{CH}_3(\text{CH}_2)_4\text{COOH}$
caproic acid

6 $\text{CH}_3(\text{CH}_2)_5\text{COOH}$
enanthic acid



Intrada Organic Acid, 150 x 2 mm

A: acetonitrile

B: 10mM ammonium bicarbonate

0-40%B (0-7min), 40%B (7-10min)

0.2mL/min (5MPa), 37°C, Single Quad. MS (ESI)

1 μ L (0.37mg/mL, **ACN / water / phosphoric acid = 75 / 25 / 3**)