

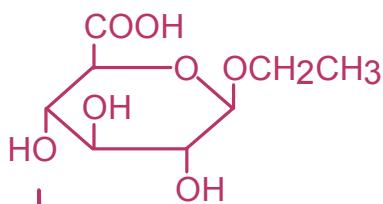
## Intrada Organic Acid

150 x 2 mm

Application

## LC-MS: Alcohol biomarkers (EtG, EtS)

アルコール摂取バイオマーカー(エチルグルクロニド, エチル硫酸)のLC-MS分析



ethyl beta-D-glucuronide (EtG, 20µg/mL)



sodium ethyl sulfate (EtS, 100µg/mL)

[M-H]<sup>-</sup> m/z 221.0[M-H]<sup>-</sup> m/z 125.0

Intrada Organic Acid, 150 x 2 mm

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

B: acetonitrile / 100mM ammonium formate = 10 / 90

0% B (0-1min), 0-100% B (1-7min), 100% B (7-10min)

0.2mL/min (12MPa), 37°C, MS (ESI, SIM, Negative)

5µL (0.1% HCOOH)