

## LC/MS/MS Analysis of Ethyl Glucuronide and Ethyl Sulfate on Gemini NX-C18

**Column:** Gemini® 3 µm NX-C18 110 Å, LC Column 100 x 2 mm, Ea

**Dimensions:** 100 x 2 mm ID

**Order No:** 00D-4453-B0

**Elution Type:** Gradient

**Eluent A:** 5 mM Ammonium Formate

**Eluent B:** Methanol

| Gradient Profile: | Step No. | Time (min) | Pct A | Pct B |
|-------------------|----------|------------|-------|-------|
|                   | 1        | 0          | 98    | 2     |
|                   | 2        | 1          | 54    | 46    |
|                   | 3        | 1.01       | 20    | 80    |
|                   | 4        | 2          | 0     | 100   |

**Flow Rate:** 300 µL/min

**Col. Temp.:** 25 °C

**Detection:** Mass Spectrometer (MS) @ amu (ambient)

**Analyst Note:** SecurityGuard™ Guard Cartridge System extends column lifetime.

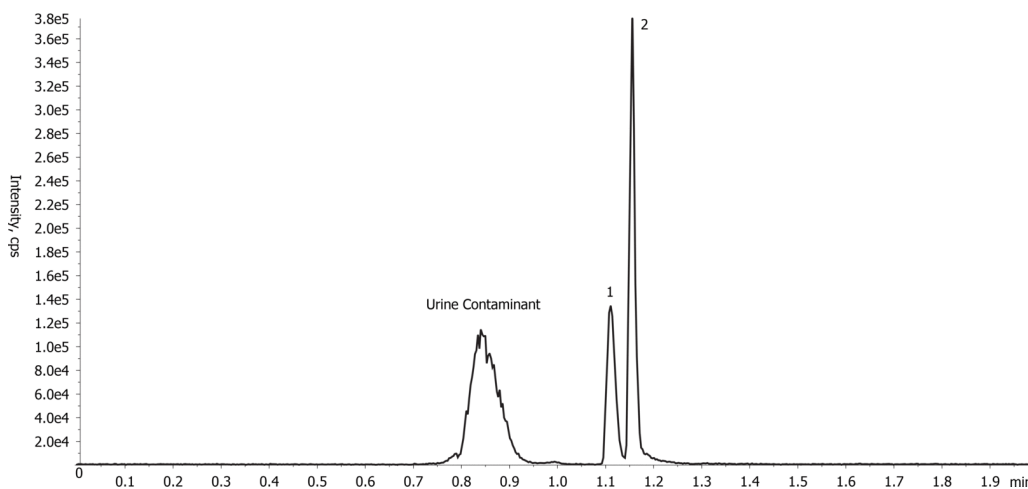
- SecurityGuard Cartridges, C18 4 x 2.0mm ID, 10/Pk Part No.: AJ0-4286

- Holder Part No.: KJ0-4282

App 19686



Products used in this application:



### ANALYTES:

**1** Ethyl glucuronide

Retention Time: 1.11 min

**2** Ethyl sulfate

Retention Time: 1.15 min

