

## Narcotic Analgesics

**Column:** Synergi™ 4 µm Polar-RP 80 Å, LC Column 150 x 2 mm, Ea

**Dimensions:** 150 x 2 mm ID

**Order No:** 00F-4336-B0

**Elution Type:** Gradient

**Eluent A:** 95% Methanol / 5% Water w/0.05% Formic acid

**Eluent B:** 5% Methanol / 95% Water w/0.05% Formic acid

| Gradient Profile: | Step No. | Time (min) | Pct A | Pct B |
|-------------------|----------|------------|-------|-------|
|                   | 1        | 0          | 20    | 80    |
|                   | 2        | 30         | 90    | 10    |
|                   | 3        | 35         | 90    | 10    |
|                   | 4        | 38         | 20    | 80    |

**Flow Rate:** 0.2 mL/min

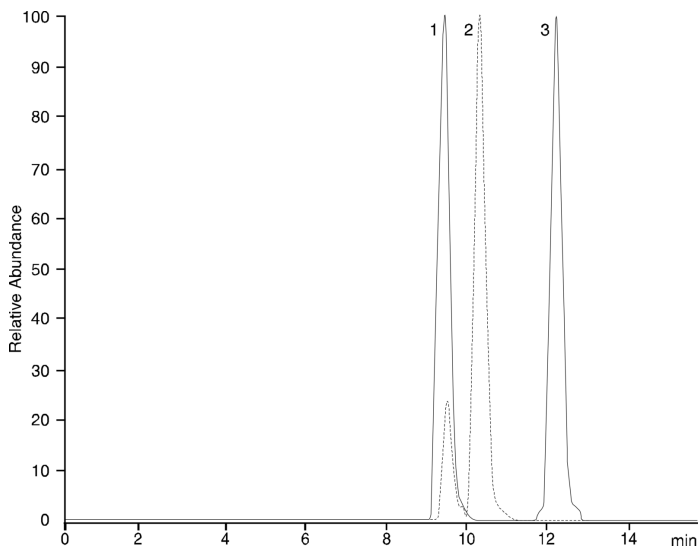
**Col. Temp.:** 12 °C

**Detection:** Mass Spectrometer (MS) @ 302, 303, 306 m/z (ambient)

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

- SecurityGuard Cartridges, POLAR-RP 4 x 2.0mm, 10/Pk Part No.: AJ0-6075

- Holder Part No.: KJ0-4282



### ANALYTES:

- 1** Dihydrocodeine  
Retention Time: 9.44 min
- 2** Codeine-d3  
Retention Time: 10.2 min
- 3** Hydrocodone-d6  
Retention Time: 12.24 min

