

## Narcotics 8-mix on Luna 5 um C18(2) 150 x 4.6

**Column:** Luna® 5 µm C18(2) 100 Å, LC Column 150 x 4.6 mm, Ea

**Dimensions:** 150 x 4.6 mm ID

**Order No:** 00F-4252-E0

**Elution Type:** Gradient

**Eluent A:** 10mM NH<sub>4</sub>OAc pH5.5

**Eluent B:** ACN

| Gradient Profile: | Step No. | Time (min) | Pct A | Pct B |
|-------------------|----------|------------|-------|-------|
|                   | 1        | 0          | 95    | 5     |
|                   | 2        | 3          | 95    | 5     |
|                   | 3        | 23         | 60    | 40    |

**Flow Rate:** 1 mL/min

**Col. Temp.:** 45 °C

**Detection:** UV-Vis Abs.-Variable Wave.(UV) @ 254 nm (ambient)

**Detector Info:** Agilent 1200; 89 bar back pressure

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

- SecurityGuard Cartridges, C18 4 x 3.0mm ID, 10/Pk Part No.: AJ0-4287

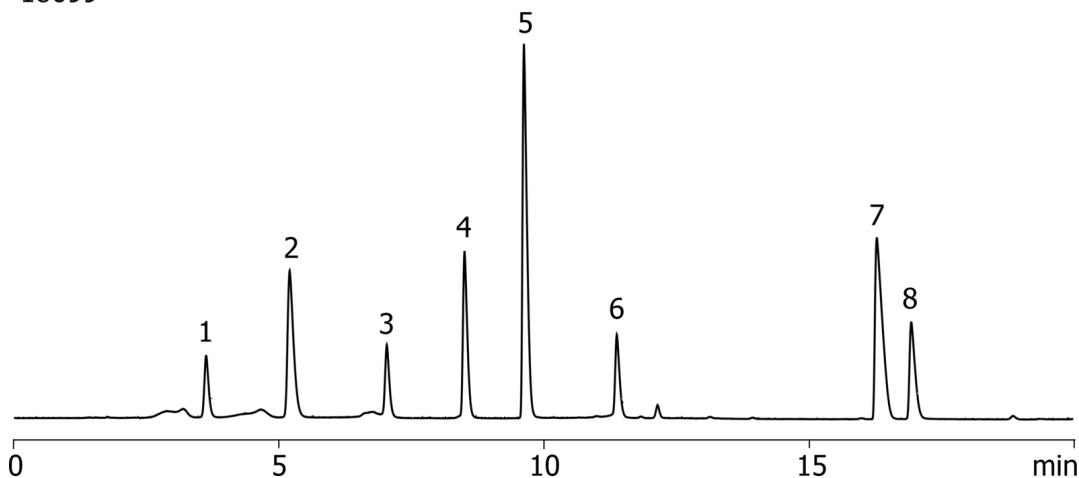
- Holder Part No.: KJ0-4282



Products used in this application:



18099



### ANALYTES:

- 1** Normorphine  
Retention Time: 3.648 min
- 2** Morphine  
Retention Time: 5.222 min
- 3** Hydromorphone  
Retention Time: 7.062 min
- 4** Norcodeine  
Retention Time: 8.517 min
- 5** Codeine  
Retention Time: 9.637 min
- 6** Hydrocodone  
Retention Time: 11.386 min
- 7** Cocaine  
Retention Time: 16.28 min
- 8** Norcocaine  
Retention Time: 16.93 min

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For more information contact your Phenomenex Representative at [info@phenomenex.com](mailto:info@phenomenex.com)



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[info@phenomenex.com](mailto:info@phenomenex.com)