

# HPLC Application

ID No.: 18100

## Narcotics on Kinetex 2.6µm C18 50 x 4.6mm ID

**Column:** Kinetex<sup>®</sup> 2.6 µm C18 100 Å, LC Column 50 x 4.6 mm, Ea

**Dimensions:** 50 x 4.6 mm ID

**Order No:** 00B-4462-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	0.34	95	5
	3	2.61	60	40

**Flow Rate:** 2.94 mL/min

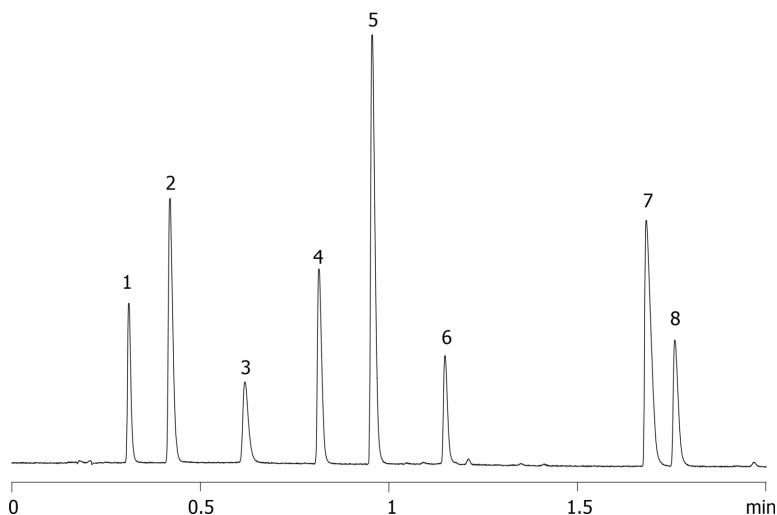
**Col. Temp.:** ambient

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

18100



Products used in this application:



### ANALYTES:

- 1** Normorphine  
Retention Time: 0.311 min
- 2** Morphine  
Retention Time: 0.421 min
- 3** Hydromorphone  
Retention Time: 0.619 min
- 4** Norcodeine  
Retention Time: 0.816 min
- 5** Codeine  
Retention Time: 0.967 min
- 6** Hydrocodone  
Retention Time: 1.15 min
- 7** Cocaine  
Retention Time: 1.685 min
- 8** Norcocaine  
Retention Time: 1.76 min

