

# HPLC Application

ID No.: 18228

## Throughput - Kinetex 2.6µm C18 100 x 4.6mm ID (2.94 mL/min)

**Column:** Kinetex® 2.6 µm C18 100 Å, LC Column 100 x 4.6 mm, Ea

**Dimensions:** 100 x 4.6 mm ID

**Order No:** 00D-4462-E0

**Elution Type:** Gradient

**Eluent A:** water w/ 0.1% formic acid

**Eluent B:** acetonitrile w/ 0.1% formic acid

| Gradient Profile: | Step No. | Time (min) | Pct A | Pct B |
|-------------------|----------|------------|-------|-------|
|                   | 1        | 0          | 95    | 5     |
|                   | 2        | 0.48       | 95    | 5     |
|                   | 3        | 5.02       | 5     | 95    |
|                   | 4        | 5.05       | 95    | 5     |
|                   | 5        | 7.03       | 95    | 5     |

**Flow Rate:** 2.94 mL/min

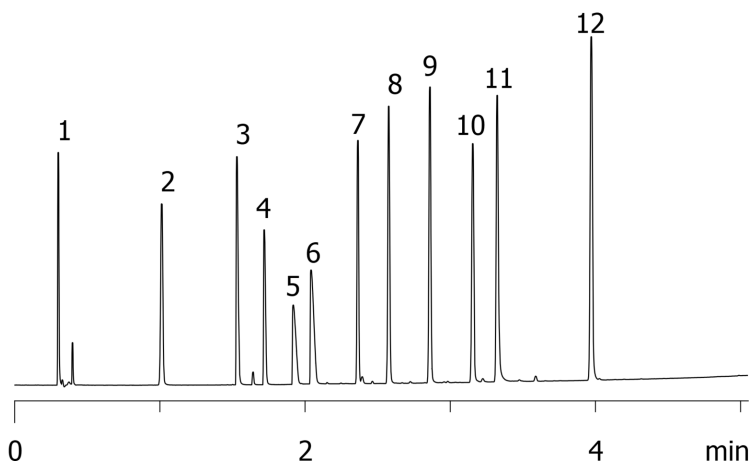
**Col. Temp.:** ambient

**Detection:** UV-Vis Abs.-Variable Wave.(UV) @ 254 nm (25 °C)

18228



Products used in this application:



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### ANALYTES:

- 1 Pyridine
- 2 Acetaminophen
- 3 Quinine
- 4 Acebutolol
- 5 Chlorpheniramine
- 6 Triprolidine
- 7 Prednisolone
- 8 4-Chlorobenzoic acid
- 9 4-Chlorocinnamic acid
- 10 Diazepam
- 11 Diflunisal
- 12 Hexanophenone

