

# HPLC Application

ID No.: 18226

## Throughput - Kinetex 2.6µm C18 50 x 4.6mm ID (4.6 mL/min)

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

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

<b>Gradient Profile:</b>	<b>Step No.</b>	<b>Time (min)</b>	<b>Pct A</b>	<b>Pct B</b>
	<b>1</b>	0	95	5
	<b>2</b>	0.14	95	5
	<b>3</b>	1.59	5	95
	<b>4</b>	1.6	95	5
	<b>5</b>	2.23	95	5

**Flow Rate:** 4.6 mL/min

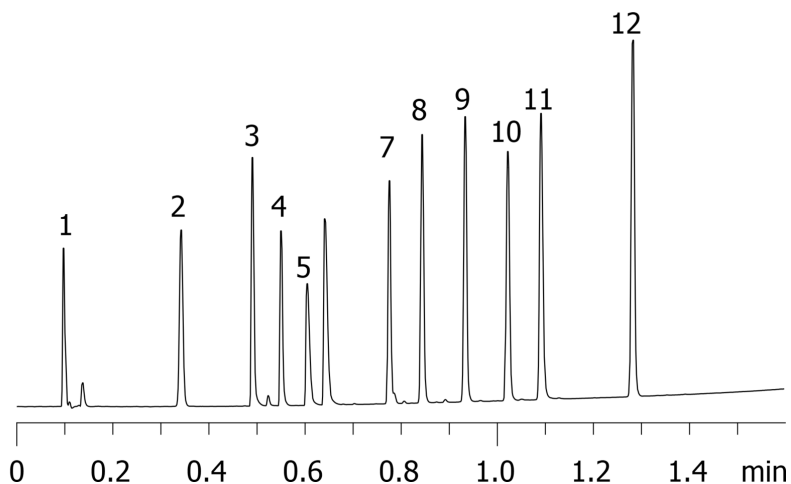
**Col. Temp.:** ambient

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

18226



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

