

# HPLC Application

ID No.: 19914

## Pharmaceutical Drug Mix on Kinetex C18 2.6u 50 x 2.1mm @ 1.4 mL/min(Quotient Data)

**Column:** Kinetex<sup>®</sup> 2.6  $\mu$ m C18 100  $\text{\AA}$ , LC Column 50 x 2.1 mm, Ea

**Dimensions:** 50 x 2.1 mm ID

**Order No:** 00B-4462-AN

**Elution Type:** Gradient

**Eluent A:** 0.1% formic acid in acetonitrile

**Eluent B:** 0.1% formic acid

Gradient Profile:	Step No.	Time (min)	Pct A	Pct B
	3	1.8	90	10
	4	1.9	90	10
	5	1.91	5	95
	6	2.5	5	95

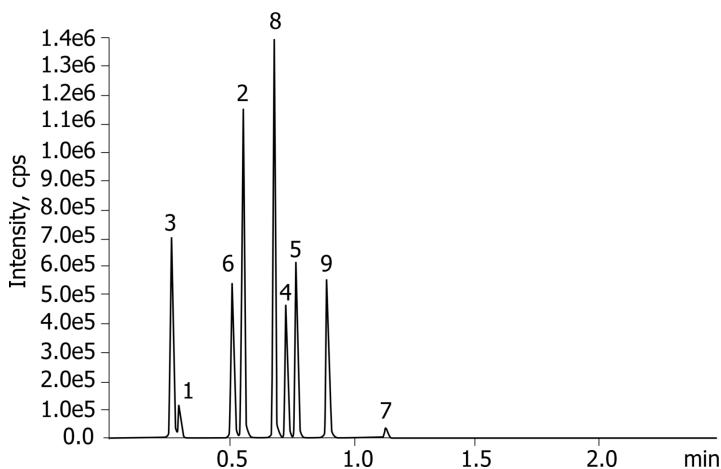
**Flow Rate:** 1.4 mL/min

**Col. Temp.:** ambient

**Detection:** Mass Spectrometer (MS) @ amu (ambient)  
19914



Products used in this application:



### ANALYTES:

- 1** Cimetidine  
Retention Time: 0.243 min
- 2** Acetaminophen  
Retention Time: 0.278 min
- 3** Pindolol  
Retention Time: 0.545 min
- 4** Sulfathiazole  
Retention Time: 0.498 min
- 5** Chlorpheniramine  
Retention Time: 0.71 min
- 6** Tripolidine  
Retention Time: 0.753 min
- 7** Diltiazem  
Retention Time: 0.888 min
- 8** Terfenadine  
Retention Time: 1.13 min
- 9** Acebutolol  
Retention Time: 0.666 min

