

# HPLC Application

ID No.: 18262

## Impurity Profile on Kinetex 2.6µm C18 150 x 4.6mm ID (1.5mL/min)

**Column:** Kinetex® 2.6 µm C18 100 Å, LC Column 150 x 4.6 mm, Ea

**Dimensions:** 150 x 4.6 mm ID

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

**Elution Type:** Gradient

**Eluent A:** water

**Eluent B:** acetonitrile

Gradient Profile:	Step No.	Time (min)	Pct A	Pct B
	1	0	95	5
	2	1.16	95	5
	3	14.51	5	95
	4	14.6	5	95
	5	14.61	95	5
	6	20.42	95	5

**Flow Rate:** 1.5 mL/min

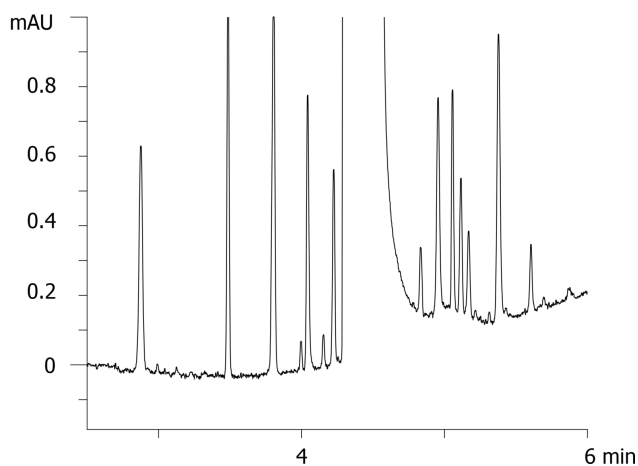
**Col. Temp.:** ambient

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

18262



Products used in this application:



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### ANALYTES:

- 1 Pharmaceutical impurities
- 2 Acetaminophen
- 3 Pindolol
- 4 Quinine
- 5 Acebutolol
- 6 Chlorpheniramine
- 7 Triprolidine
- 8 Prednisolone
- 9 Nortriptyline
- 10 4-Chlorobenzoic acid
- 11 5-Methyl-2-hydroxy benzaldehyde
- 12 4-Chlorocinnamic acid
- 13 Diazepam
- 14 Diflunisal
- 15 Niflumic acid
- 16 Hexanophenone

