HPLC Application

ID No.: **18262**

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

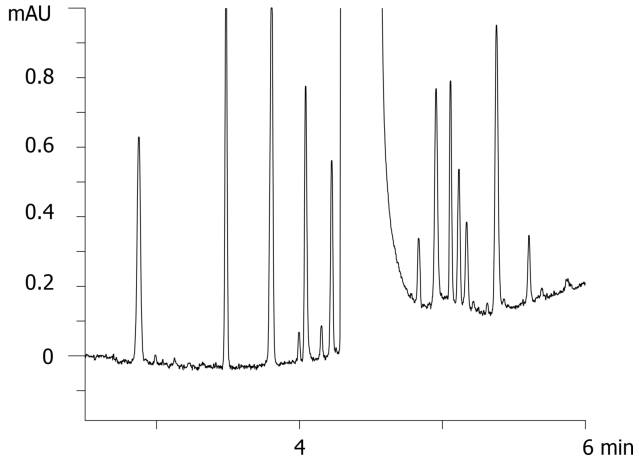
Column: Kinetex® 2.6 µm C18 100 Å, LC Column 150 x 4.6 mm, Ea
Dimensions: 150 x 4.6 mm ID
Order No: 00F-4462-E0
Elution Type: Gradient
Eluent A: water
Eluent B: acetonitrile

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:

KINETEX®

©2025 Phenomenex Inc. All rights reserved.

For more information contact your Phenomenex Representative at support@phenomenex.com

Phenomenex products are available worldwide.

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

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

©2025 Phenomenex Inc. All rights reserved.