

HPLC Application

ID No.: 18533

Cough and Cold Medicine on Kinetex 2.6µm C18 150 x 4.6mm ID

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: 0.1% phosphoric acid in water

Eluent B: 0.1% phosphoric acid in acetonitrile

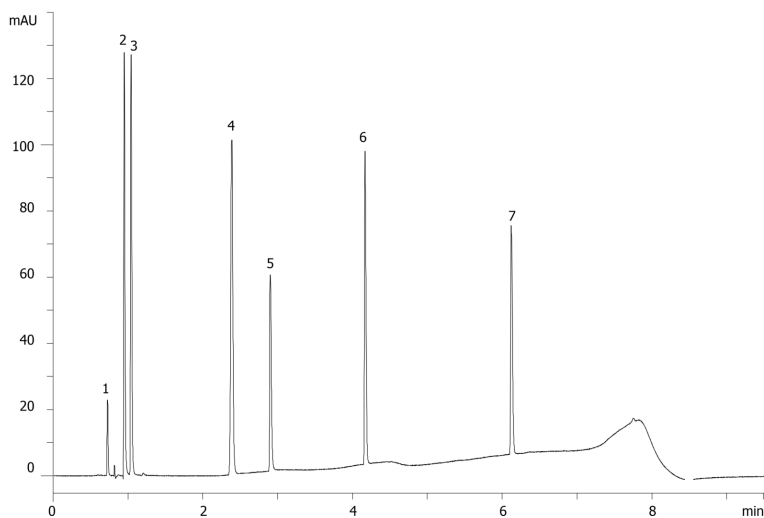
Gradient Profile:	Step No.	Time (min)	Pct A	Pct B
	1	0	95	5
	2	0.75	95	5
	3	6	50	50
	4	6.75	10	90
	5	6.76	95	5
	6	9.75	95	5

Flow Rate: 1.8 mL/min

Col. Temp.: ambient

Detection: UV-Vis Abs.-Diode Array (PDA) @ 215 nm (ambient)

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ANALYTES:

1 impurities from Dextromethorphan

Retention Time: 0.727 min

2 Maleate

Retention Time: 0.951 min

3 Phenylephrine

Retention Time: 1.042 min

4 Acetmainophen

Retention Time: 2.387 min

5 Doxylamine

Retention Time: 2.902 min

6 Chlorpheniramine

Retention Time: 4.168 min

7 Dextromethorphan

Retention Time: 6.12 min



Products used in this application:

