

USP Loratadine with two related compounds (A&B) on Luna 3µm C18(2) 150x4.6mm

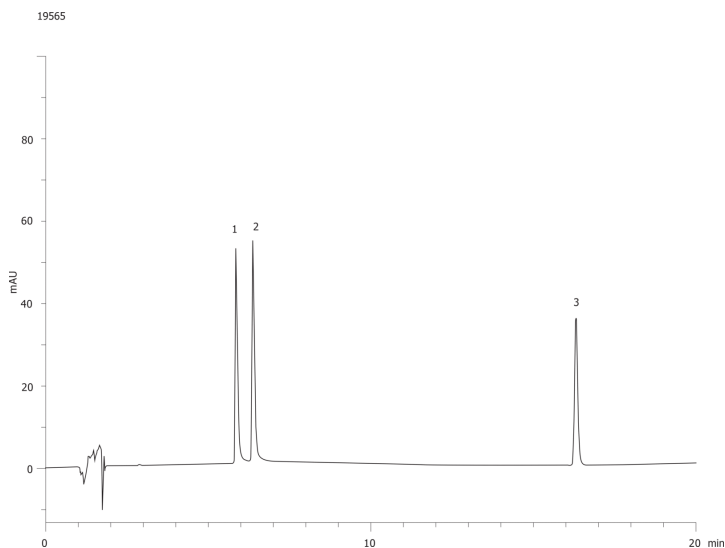
Column: Luna® 3 µm C18(2) 100 Å, LC Column 150 x 4.6 mm, Ea
Dimensions: 150 x 4.6 mm ID
Order No: 00F-4251-E0
Elution Type: Gradient
Eluent A: 0.96g 1-pentaesulfonic acid sodium salt in 1-L buffered to 3.00 with Phosphoric Acid
Eluent B: Acetonitrile

Gradient Profile:	Step No.	Time (min)	Pct A	Pct B
	1	0	75	25
	2	20	50	50
	3	30	40	60
	4	35	30	70
	5	45	30	70
	6	50	75	25

Flow Rate: 1.2 mL/min
Col. Temp.: ambient
Detection: UV-Vis Abs.-Variable Wave.(UV) @ 254 nm (ambient)
Analyst Note: SecurityGuard™ Guard Cartridge System extends column lifetime.
 - SecurityGuard Cartridges, C18 4 x 3.0mm ID, 10/Pk Part No.: AJ0-4287
 - Holder Part No.: KJ0-4282



Products used in this application:



ANALYTES:

- 1 Loratadine related compound A
- 2 Loratadine related compound B
- 3 Loratadine

