

## USP Simvastatin Lovastatin on Kinetex 2.6µm C18 75x4.60mm using Shimadzu Nexera

**Column:** Kinetex® 2.6 µm C18 100 Å, LC Column 75 x 4.6 mm, Ea

**Dimensions:** 75 x 4.6 mm ID

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

**Elution Type:** Isocratic

**Eluent A:** 32mM Sodium Phosphate pH 4.5

**Eluent B:** Acetonitrile

Gradient Profile:	Step No.	Time (min)	Pct A	Pct B
	1	10	35	65

**Flow Rate:** 1.5 mL/min

**Col. Temp.:** ambient

**Detection:** UV-Vis Abs.-Variable Wave.(UV) @ 238 nm (ambient)

**Analyst Note:** SecurityGuard™ ULTRA Guard Cartridge System extends column lifetime.

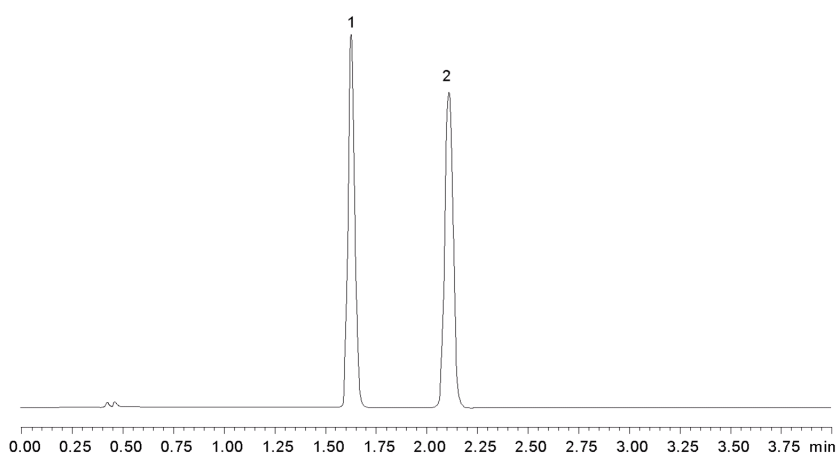
- SecurityGuard ULTRA Cartridges, UHPLC C18 for 4.6mm ID Columns, 3/Pk Part No.: AJ0-8768

- Holder Part No.: AJ0-9000

19968



Products used in this application:



### ANALYTES:

**1** Lovastatin

Retention Time: 1.626 min

**2** Simvastatin

Retention Time: 2.108 min

