

## Tricyclic Antidepressants Analysis on Luna 5u C8(2) 150 x 4.6mm ID

**Column:** Luna® 5 µm C8(2) 100 Å, LC Column 150 x 4.6 mm, Ea

**Dimensions:** 150 x 4.6 mm ID

**Order No:** 00F-4249-E0

**Elution Type:** Isocratic

**Eluent A:** 20Mm Phosphate Buffer pH=7.0

**Eluent B:** Methanol

**Eluent C:** Acetonitrile

Gradient Profile:	Step No.	Time (min)	Pct A	Pct B	Pct C
1	1	0	50	35	15

**Flow Rate:** 1.2 mL/min

**Col. Temp.:** ambient

**Detection:** UV-Vis Abs.-Variable Wave.(UV) @ 254 nm (ambient)

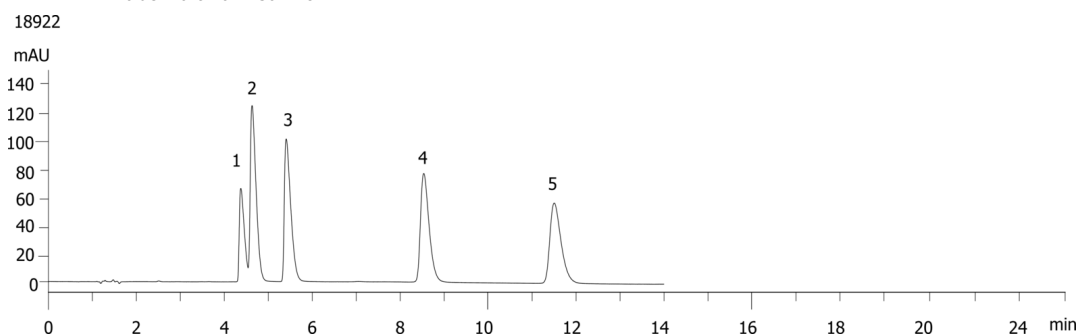
**Analyst Note:** SecurityGuard™ Guard Cartridge System extends column lifetime.

- SecurityGuard Cartridges, C8 4 x 3.0mm ID, 10/Pk Part No.: AJ0-4290

- Holder Part No.: KJ0-4282



Products used in this application:



### ANALYTES:

- 1** Protriptyline  
Retention Time: 4.367 min
- 2** Desipramine  
Retention Time: 4.62 min
- 3** Nortriptyline  
Retention Time: 5.402 min
- 4** Imipramine  
Retention Time: 8.504 min
- 5** Amitriptyline  
Retention Time: 11.437 min

