HPLC Application

ID No.: **14508**

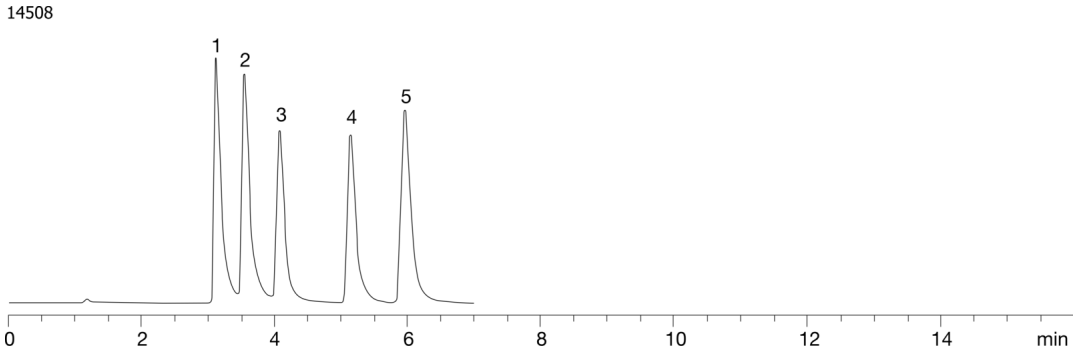
Tricyclic Antidepressants

Products used in this application:

LUNA®

Column:	Luna® 5 µm C18(2) 100 Å, LC Column 150 x 4.6 mm, Ea				
Dimensions:	150 x 4.6 mm ID				
Order No:	00F-4252-E0				
Elution Type:	Isocratic				
Eluent A:	10 mM KH2PO4, pH 7.0				
Eluent B:	Acetonitrile				
Eluent C:	Methanol				
Gradient	**Step No.**	**Time (min)**	**Pct A**	**Pct B**	**Pct C**
Profile:	**1**	0	16	74	10
Flow Rate:	1 mL/min				
Col. Temp.:	ambient				
Detection:	UV-Vis Abs.-Variable Wave.(UV) @ 210 nm (ambient)				
Analyst Note:	SecurityGuard™ Guard Cartridge System extends column lifetime.				

- SecurityGuard Cartridges, C18 4 x 3.0mm, 10/Pk Part No.: AJ0-4287
- Holder Part No.: KJ0-4282



ANALYTES:

1. Desipramine
2. Nortriptyline
3. Doxepin
4. Imipramine
5. Amitriptyline

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