HPLC Application

ID No.: **1627**

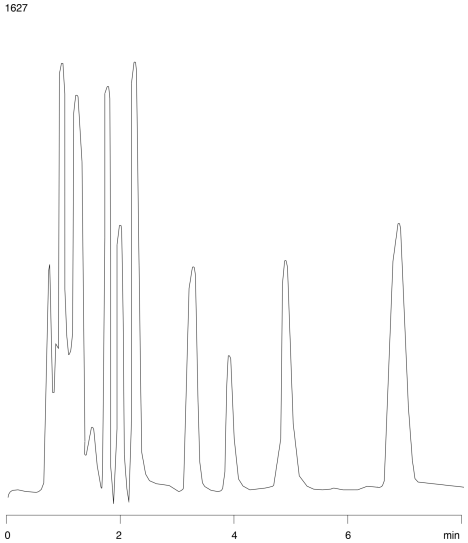
Tricyclic Antidepressants

Products used in this application:

LUNA®

Column:	Luna® 3 µm C18(2) 100 Å, LC Column 75 x 4.6 mm, Ea				
Dimensions:	75 x 4.6 mm ID				
Order No:	00C-4251-E0				
Elution Type:	Isocratic				
Eluent A:	10mM K2PO4, pH 7.0				
Eluent B:	Acetonitrile				
Eluent C:	Methanol				
Gradient	**Step No.**	**Time (min)**	**Pct A**	**Pct B**	**Pct C**
Profile:	**1**	0	30	45	25
Flow Rate:	1 mL/min				
Col. Temp.:	ambient				
Detection:	UV-Vis Abs.-Variable Wave.(UV) @ 242 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 Nordexepin
Retention Time: 1.751 min

2 Desipramine
Retention Time: 1.987 min

3 Nortriptyline
Retention Time: 2.261 min

4 Doxepin
Retention Time: 3.3 min

5 Imipramine
Retention Time: 4.004 min

6 Amitriptyline
Retention Time: 4.996 min

7 Trimipramine
Retention Time: 6.989 min

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