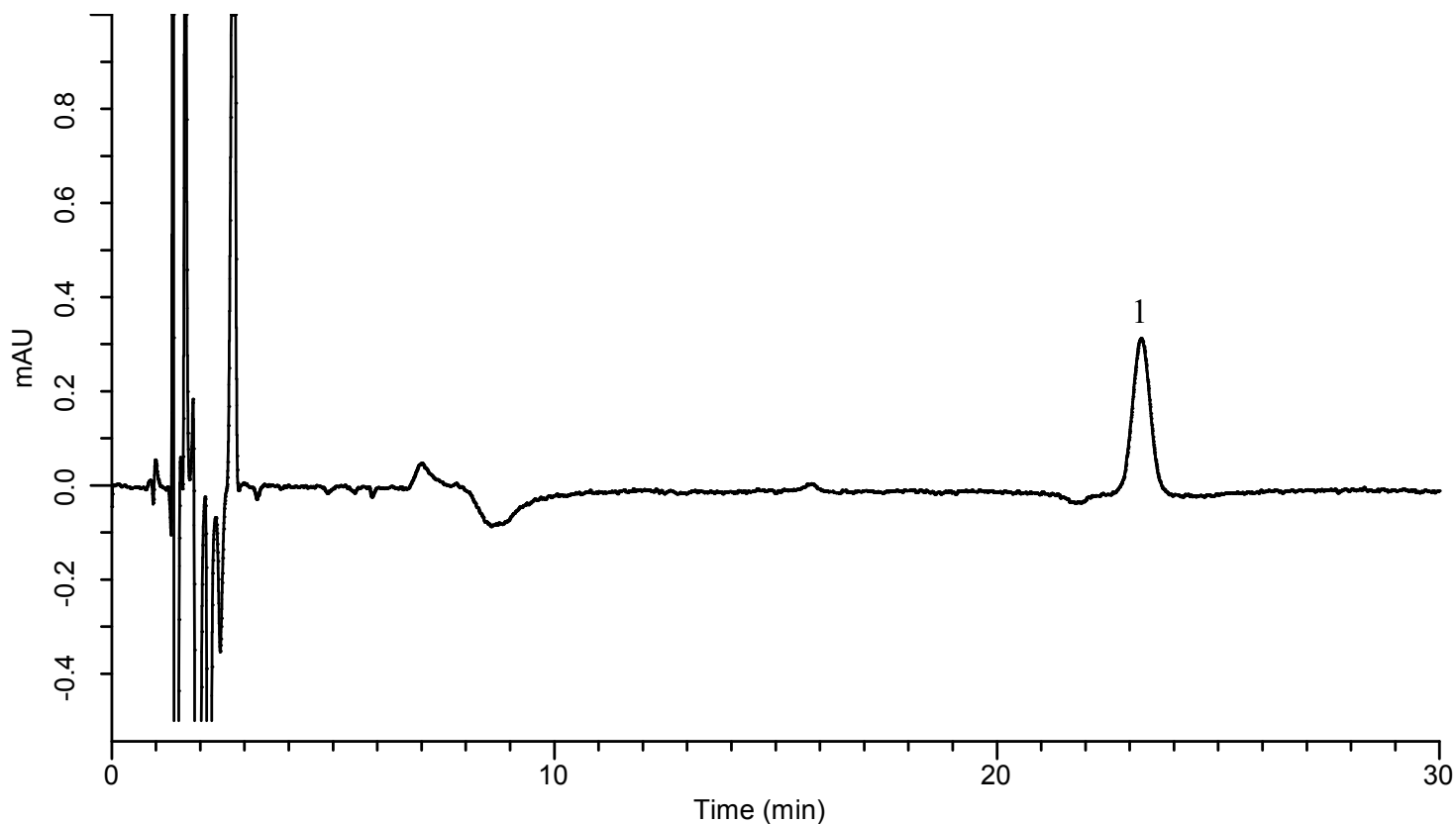


# InertSearch™ for LC

Inertsil™ Applications

## Analysis of Mirtazapine

Data No. LB556-0812



### Conditions

<b>System</b>	: GL7700 HPLC system	<b>Analyte:</b>	
<b>Column</b>	: InertSustain C18 (5 $\mu$ m, 250 x 4.6 mm I.D.)	1. Mirtazapine	1.5 mg/L
<b>Column Cat. No.</b>	: 5020-07346		
<b>Eluent</b>	: CH <sub>3</sub> CN/CH <sub>3</sub> OH/THF/Buffer* = 15/12.5/7.5/65, v/v		
<b>Flow rate</b>	: 1.5 mL/min		
<b>Col. Temp.</b>	: 40 °C	Symmetry factor (1)	: 1.01
<b>Detection</b>	: UV 240 nm (UV7750 UV Detector)	RSD of the peak area of 1 (%) (n=6)	: 1.68
<b>Injection Vol.</b>	: 10 $\mu$ L		
<b>Sample</b>	: Standard		

\* Dissolve 18 g of tetramethylammonium hydroxide pentahydrate in 950 mL of water.

Adjust with phosphoric acid to a pH of 7.4. Dilute with water to 1 L.