

# HPLC Application

ID No.: 19230

## Competitor Comparison-Tricyclic Antidepressant on Kinetex 2.6 µm C18 100 x 4.6mm

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

**Dimensions:** 100 x 4.6 mm ID

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

**Elution Type:** Isocratic

**Eluent A:** 20 mM Potassium Phosphate pH 7

**Eluent B:** MeOH

**Eluent C:** ACN

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

**Flow Rate:** 1.5 mL/min

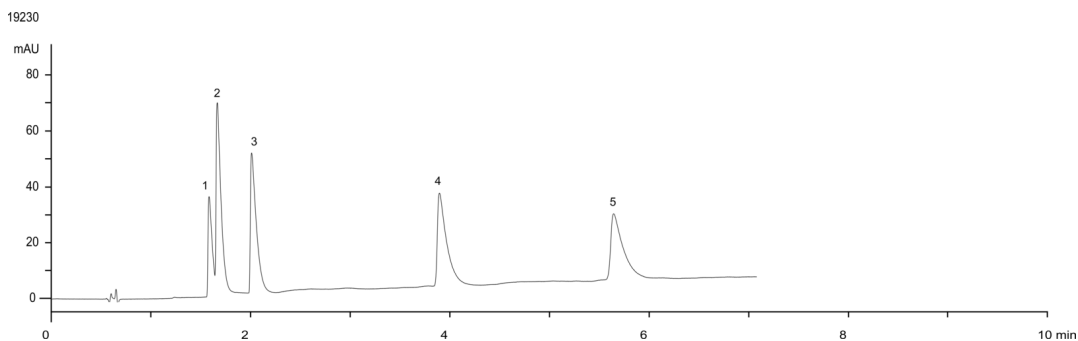
**Col. Temp.:** ambient

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

**Detector Info:** 298bar



Products used in this application:



### ANALYTES:

- 1** Protriptyline  
Retention Time: 1.561 min
- 2** Desipramine  
Retention Time: 1.641 min
- 3** Nortriptyline  
Retention Time: 1.893 min
- 4** Imipramine  
Retention Time: 3.849 min
- 5** Amitriptyline  
Retention Time: 5.578 min

