

HPLC Application

ID No.: 18250

Tricyclic Antidepressants on Kinetex 2.6µm C18 50 x 4.6 mm ID on Agilent 1100 (system optimization)

Column: Kinetex® 2.6 µm C18 100 Å, LC Column 50 x 4.6 mm, Ea

Dimensions: 50 x 4.6 mm ID

Order No: 00B-4462-E0

Elution Type: Isocratic

Eluent A: 20 mM Potassium Phosphate pH 7.0

Eluent B: 50:50 MeOH and ACN

Gradient	Step No.	Time (min)	Pct A	Pct B
Profile:	1	0	48	52

Flow Rate: 2.9 mL/min

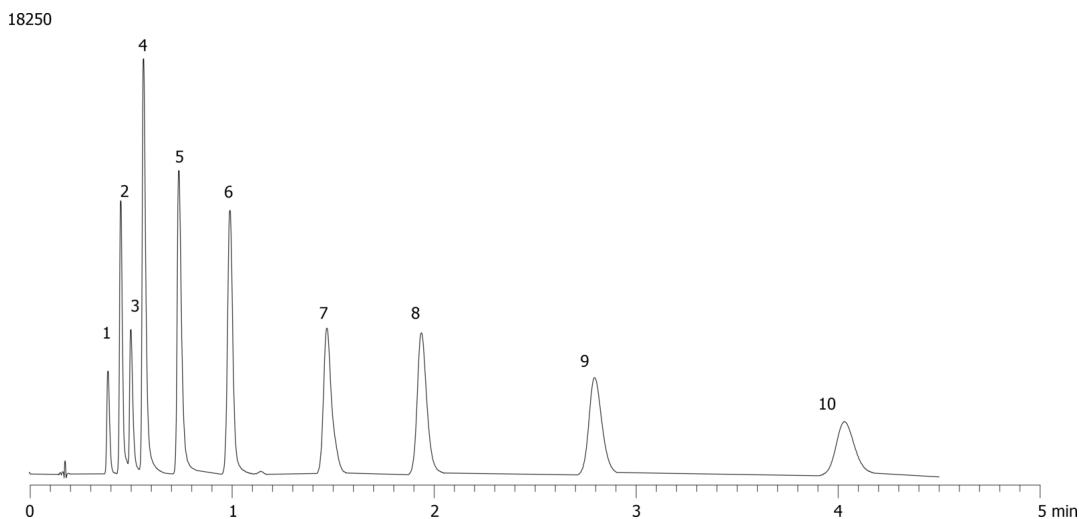
Col. Temp.: ambient

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

Detector Info: with 0.17mm ID green capillaries and needle seat, micro flow cell, detector rate @ 0.1 s
297 bar



Products used in this application:



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ANALYTES:

- 1** Tianeptine
- 2** Desmethyldoxepin
- 3** Protriptyline
- 4** Desipramine
- 5** Imipramine
- 6** Amoxapine
- 7** Doxepin
- 8** Nortriptyline
- 9** Amitriptyline
- 10** Clomipramine

