

HPLC Application

ID No.: 15595

Tricyclic Antidepressants at Neutral pH by Gemini 5um C18

Column: Gemini® 5 µm C18 110 Å, LC Column 150 x 4.6 mm, Ea

Dimensions: 150 x 4.6 mm ID

Order No: 00F-4435-E0

Elution Type: Isocratic

Eluent A: 20mM Phosphate buffer pH7.0

Eluent B: Acetonitrile

Eluent C: Methanol

| Gradient Profile: | Step No. | Time (min) | Pct A | Pct B | Pct C |
|-------------------|----------|------------|-------|-------|-------|
| | 1 | 0 | 30 | 35 | 35 |

Flow Rate: 1.5 mL/min

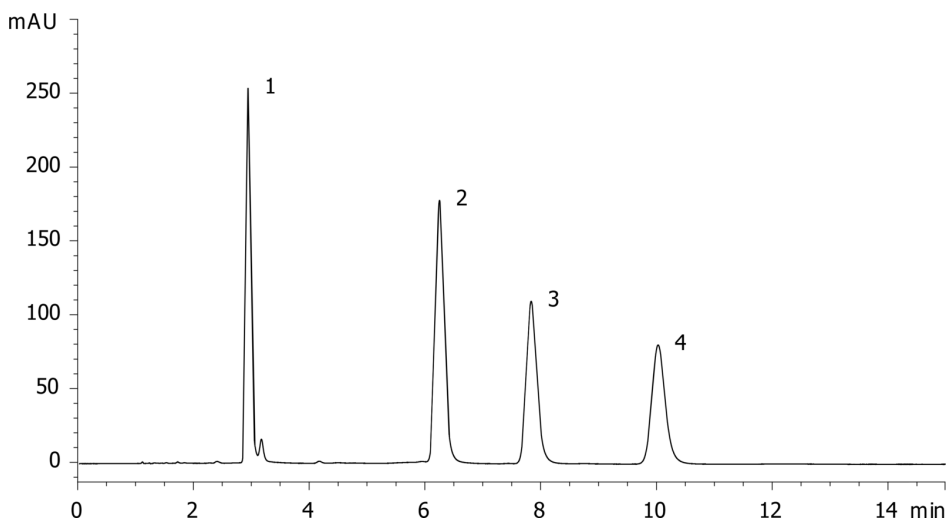
Col. Temp.: ambient

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

Analyst Note: Peak 3 -- Amitriptyline

Efficiency = 9183 Peak Symmetry = 0.80

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ANALYTES:

- 1 Nortriptyline
- 2 Imipramine
- 3 Amitriptyline
- 4 Clomipramine



Products used in this application:

