

HPLC Application

ID No.: 19573

Tricyclic Antidepressant on Kinetex XB-18 by LC/MS/MS

Column: Kinetex® 2.6 µm XB-C18 100 Å, LC Column 50 x 2.1 mm, Ea

Dimensions: 50 x 2.1 mm ID

Order No: 00B-4496-AN

Elution Type: Gradient

Eluent A: 0.1% Aq Formic Acid

Eluent B: 100% Methanol

Gradient Profile:	Step No.	Time (min)	Pct A	Pct B
	1	0	85	15
	2	3	40	60
	3	4	40	60
	4	4.1	10	90
	5	5	10	90
	6	5.1	85	15

Flow Rate: 0.4 mL/min

Col. Temp.: ambient

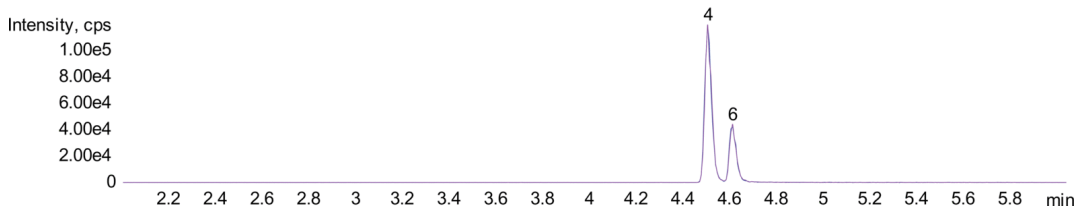
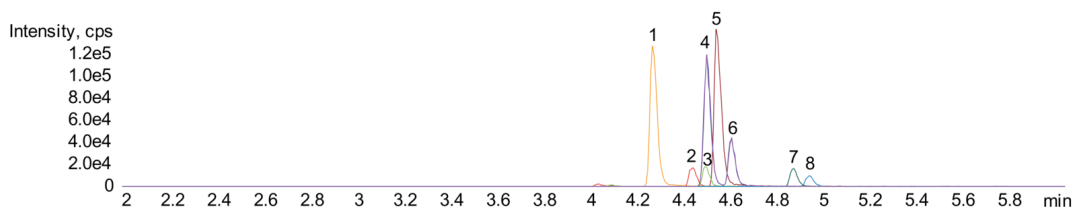
Detection: Mass Spectrometer (MS) @ amu (ambient)

Detector Info: SCIEX

19573



Products used in this application:



ANALYTES:

- 1** Amoxapine
Retention Time: 4.27 min
- 2** Imipramine
Retention Time: 4.44 min
- 3** Desipramine
Retention Time: 4.5 min
- 4** Protriptyline
Retention Time: 4.5 min
- 5** Amitriptyline
Retention Time: 4.54 min
- 6** Nortriptyline
Retention Time: 4.61 min
- 7** Clomipramine
Retention Time: 4.87 min
- 8** Desmethyl clomipramine
Retention Time: 4.94 min

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