

Tricyclic Antidepressant on Kinetex 2.6µm C8 by LC/MS/MS

Column: Kinetex® 2.6 µm C8 100 Å, LC Column 50 x 2.1 mm, Ea

Dimensions: 50 x 2.1 mm ID

Order No: 00B-4497-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)

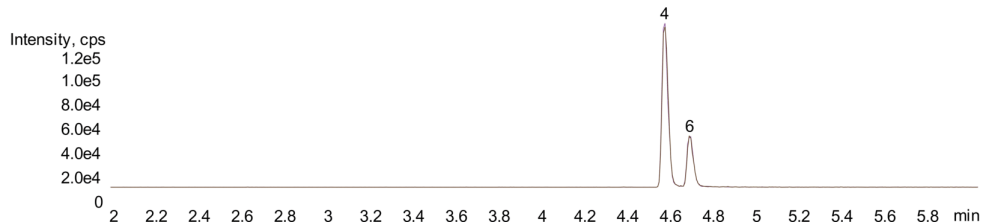
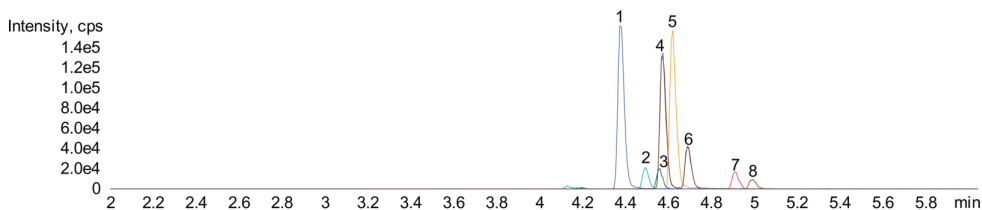
Detector Info: <a target="_blank"

href="https://sciex.com/products/mass-spectrometers?utm_campaign=2019%20application%20search&utm_source=phenomenex&utm_medium=referral">SCIEX<

19572



Products used in this application:



ANALYTES:

- 1** Amoxapine
Retention Time: 4.37 min
- 2** Imipramine
Retention Time: 4.49 min
- 3** Desipramine
Retention Time: 4.55 min
- 4** Protriptyline
Retention Time: 4.57 min
- 5** Amitriptyline
Retention Time: 4.68 min
- 6** Nortriptyline
Retention Time: 4.69 min
- 7** Clomipramine
Retention Time: 4.91 min
- 8** Desmethyl clomipramine
Retention Time: 4.99 min

