

Characterization of Isomeric Forms of Capsaicinoids in Peppers byLC/MS on Kinetex 5u C18 100x2.1

Column: Kinetex® 5µm C18 100 Å, LC Column 100 x 2.1 mm, Ea

Dimensions: 100 x 2.1 mm ID

Order No: 00D-4601-AN

Elution Type: Gradient

Eluent A: 0.1% Formic Acid in Water

Eluent B: 0.1% Formic Acid in Methanol

Gradient Profile:	Step No.	Time (min)	Pct A	Pct B
	1	0	70	30
	2	7	10	90
	3	9	10	90
	4	9.1	70	30
	5	12	70	30

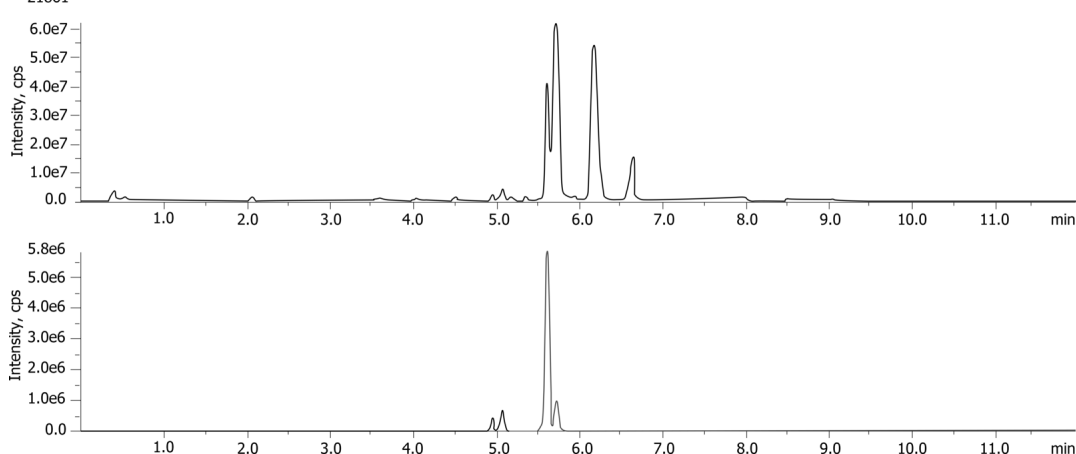
Flow Rate: 0.6 mL/min

Col. Temp.: 25 °C

Detection: Mass Spectrometer (MS) @ amu (600 °C)

Detector Info: <a target="_blank"

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



ANALYTES:

1 Octanoic acid vanillylamide

Retention Time: 4.94 min

2 Octanoic acid vanillylamide

Retention Time: 5.07 min

3 Nordihydrocapsaicin

Retention Time: 5.61 min

4 Nonivamide

Retention Time: 5.72 min

5 Dihydrocapsaicin

Retention Time: 6.16 min

6 Homodihydrocapsaicin

Retention Time: 6.64 min

