

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

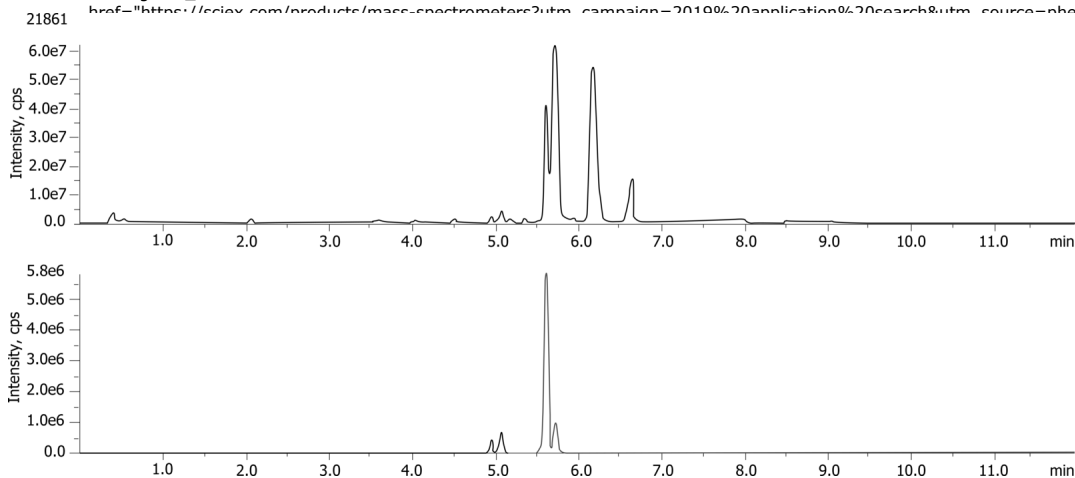
Col. Temp.: 25 °C

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<



Products used in this application:



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

