

## Characterization of Isomeric Forms of Capsaicinoids in Peppers by LC/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

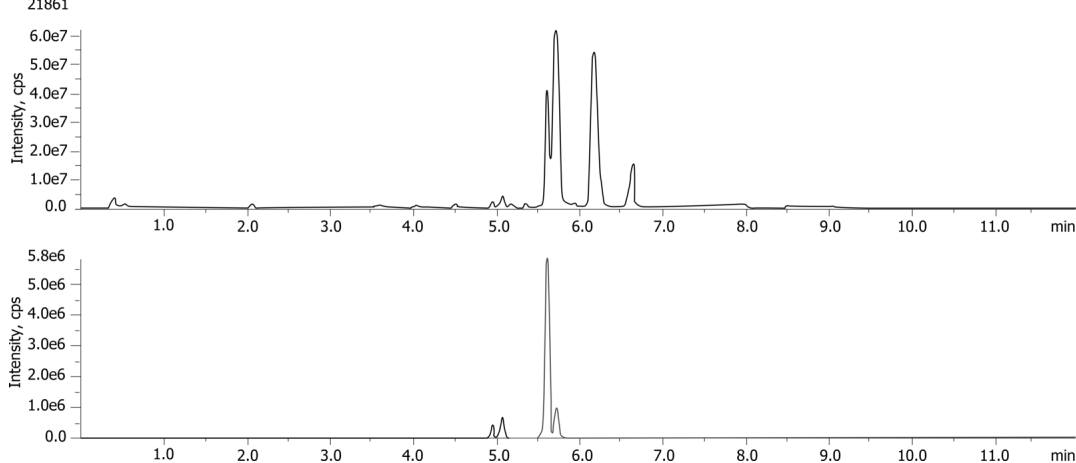
**Col. Temp.:** 25 °C

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

**Detector Info:**

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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

