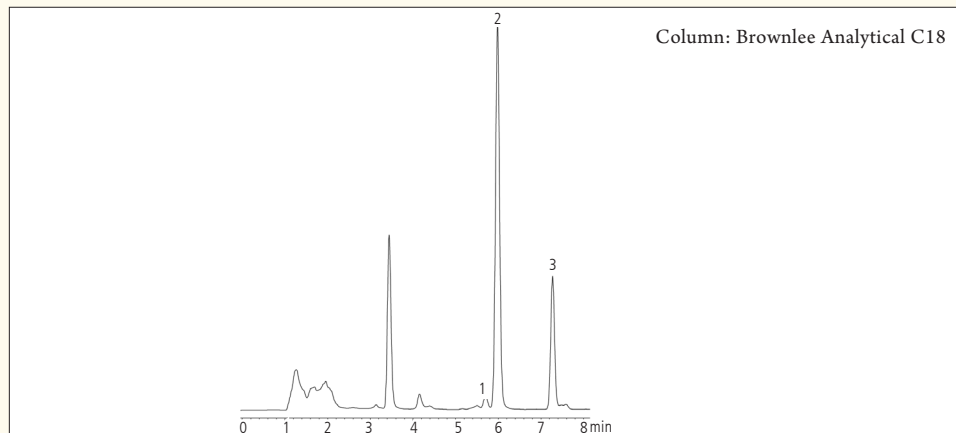




FLAVOR COMPOUNDS HPLC

Foods and Flavors: Capsaicinoids: Heat Level Assay for Habañero Nuggets on Brownlee Analytical C18



Peak List

1. unknown
2. capsaicin
3. dihydrocapsaicin

Column

Column name: Brownlee Analytical C18
Part number: N9303513
Dimensions: 150 x 4.6 mm
Particle size: 5 μm
Pore size: 110Å

Conditions

Mobile phase: A: 1% acetic acid in water
B: acetonitrile

Time (min)	%B
0	50
2	50
9	80
12	80
13	50

Flow: 1.0 mL/min
Temperature: ambient
Detector: UV @ 280 nm

Sample

Injection volume: 10 μL habañero nugget extract
Concentration: 0.8 g sample in 200 mL
Solvent: ethanol

Notes

Recommended Guard Cartridge N9303677
Recommended Guard Holder N9303713

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