

Capsaicinoids: Heat Level Assay for Habañero Nuggets on Ultra C18

Peak List:

1. unknown
2. capsaicin
3. dihydrocapsaicin

Sample:

Inj.: 10 μ L habañero nugget extract
Conc.: 0.8g sample in 200mL
Solvent: ethanol

Column:

Ultra C18
Cat. #: 9174565
Dimensions: 150 x 4.6mm
Particle size: 5 μ m
Pore size: 100Å

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: 1.0mL/min.
Temp.: ambient
Det.: UV @ 280nm

