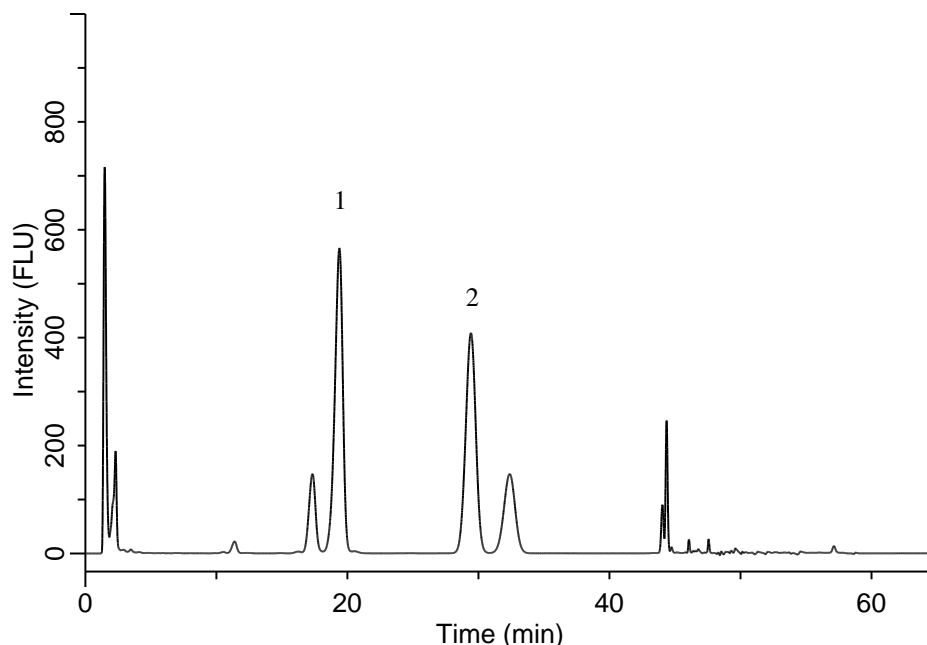


Analysis of Red pepper extract



Conditions

System : Chromaster HPLC system
Column : InertSustain C18
 (5 μ m, 150 x 4.6 mm I.D.)
Column Cat. No. : 5020-07345
Eluent : A) CH₃CN
 B) 0.1 % H₃PO₄ in H₂O

Analyte:

1. Capsaicin
 2. Dihydrocapsaicin

Time (min)	A (vol%)	B (vol%)
0.0	40.0	60.0
39.0	40.0	60.0
44.0	100.0	0.0
54.0	100.0	0.0
55.0	40.0	60.0
65.0	40.0	60.0

Flow Rate : 1.0 mL/min
Col. Temp. : 40 °C
Detection : FL Ex 280 nm Em 320 nm
Injection Vol. : 20 μ L
Sample : Red pepper extract