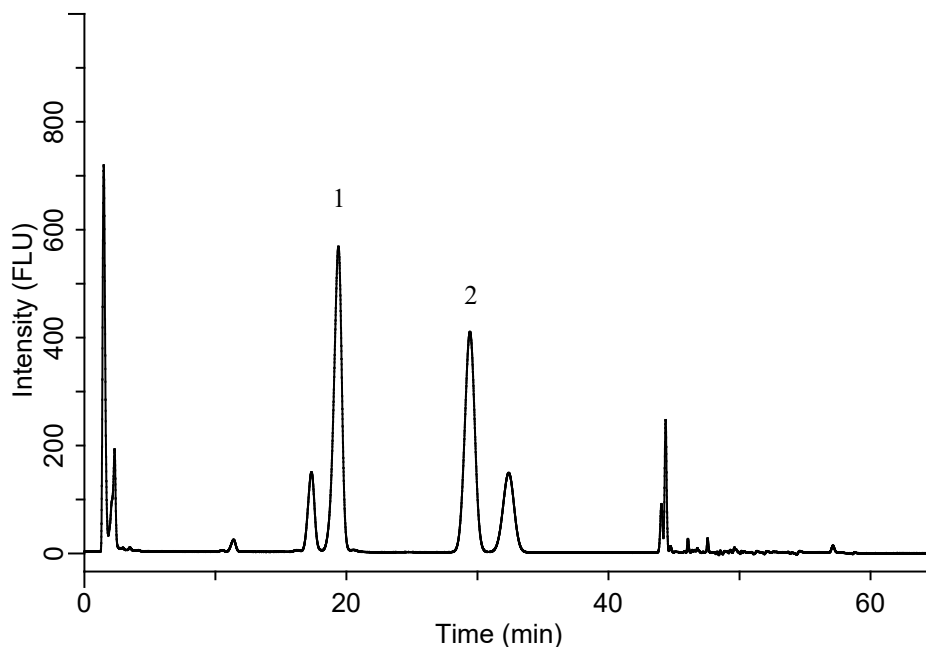


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Analysis of Red pepper extract

Data No. LB688-1054



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