

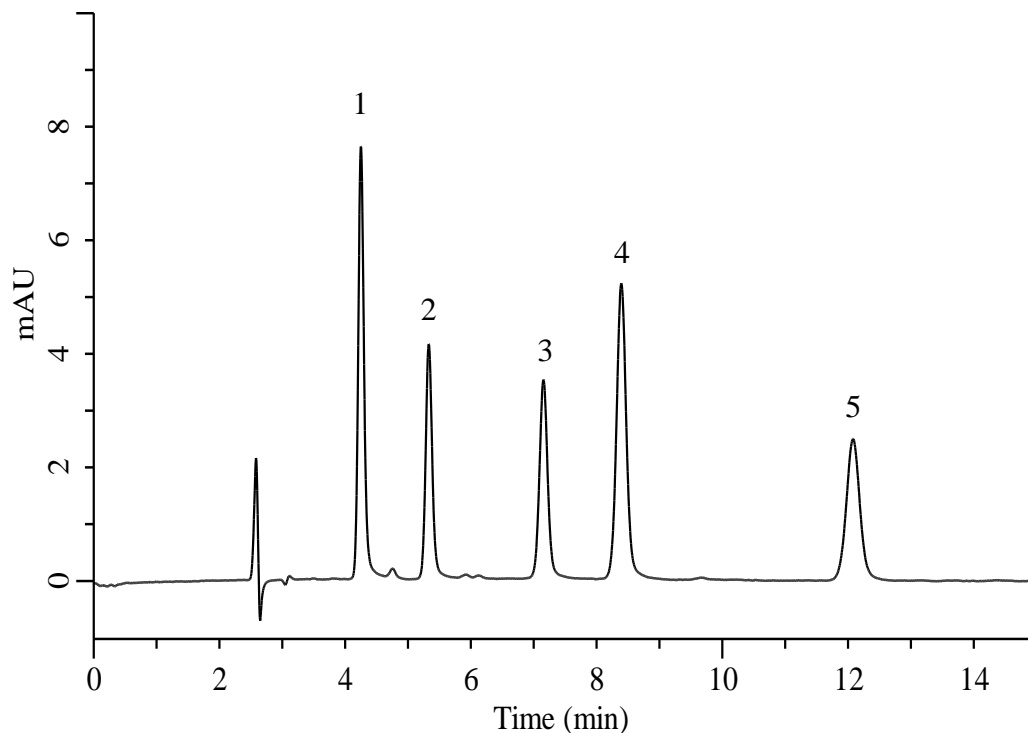
InertSearch™ for LC

Inertsil® Applications

Analysis of Sudan dyes and Para red

(Under the Condition of food additive analysis method in food)

Data No. LB835-7111



Conditions

System : Chromaster HPLC system (HITACHI)

Column : InertSustain C18 (GL Sciences Inc.)
(5 μ m, 250 x 4.6 mm I.D.)

Column Cat. No. : 5020-07346

Eluent : A) CH₃CN
B) H₂O
A/B = 95/5, v/v

Flow Rate : 1.0 mL/min

Col. Temp. : 40 °C

Detection : VIS 500 nm

Injection Vol. : 20 μ L

Sample : Standard

Analyte:

1. Para red 0.5 μ g/mL

2. Sudan I 0.5 μ g/mL

3. Sudan II 0.5 μ g/mL

4. Sudan III 0.5 μ g/mL

5. Sudan IV 0.5 μ g/mL