

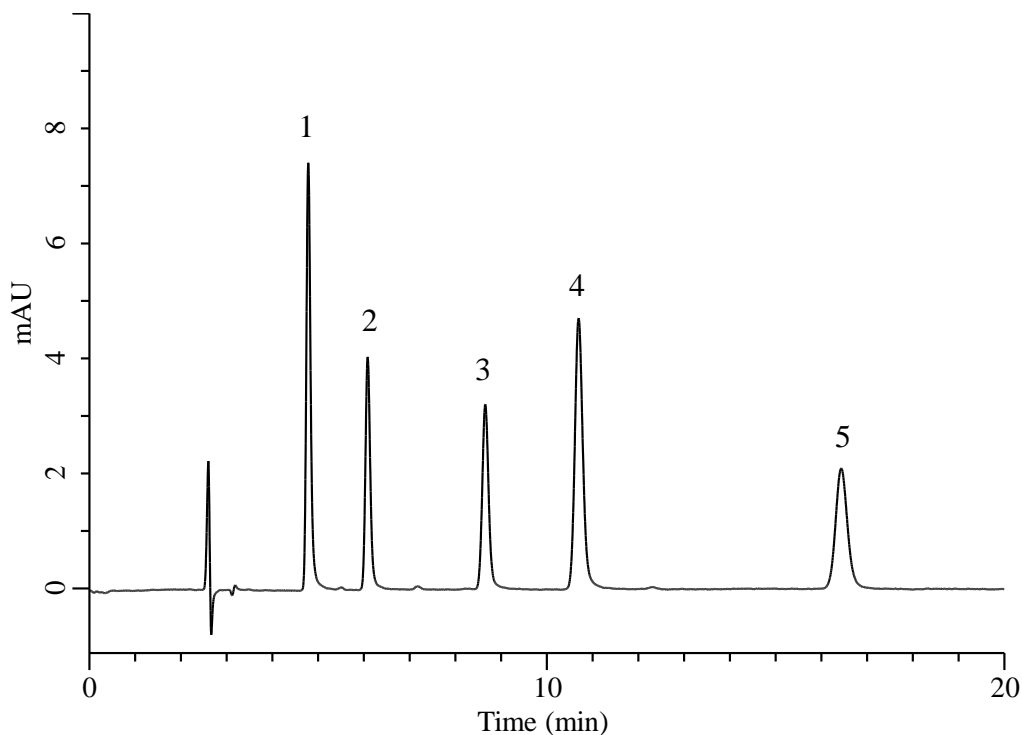
# InertSearch™ for LC

Inertsil® Applications

## Analysis of Sudan dyes and Para red

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

Data No. LB836-7111



### Conditions

**System** : Chromaster HPLC system (HITACHI)

**Column** : Inertsil ODS-3 (GL Sciences Inc.)  
(5  $\mu$  m, 250 x 4.6 mm I.D.)

**Column Cat. No.** : 5020-01732

**Eluent** : A) CH<sub>3</sub>CN  
B) H<sub>2</sub>O  
A/B = 95/5, v/v

**Flow Rate** : 1.0 mL/min

**Col. Temp.** : 40 °C

**Detection** : VIS 500 nm

**Injection Vol.** : 20  $\mu$  L

**Sample** : Standard

### Analyte:

1. Para red 0.5  $\mu$  g/mL

2. Sudan I 0.5  $\mu$  g/mL

3. Sudan II 0.5  $\mu$  g/mL

4. Sudan III 0.5  $\mu$  g/mL

5. Sudan IV 0.5  $\mu$  g/mL