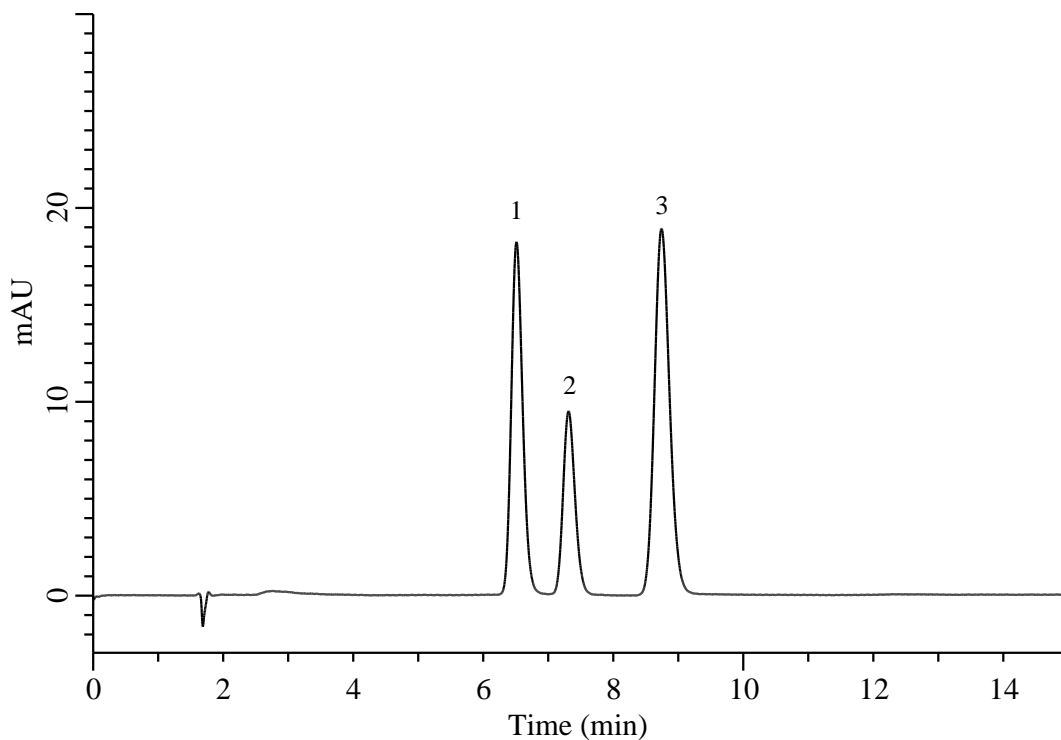


# InertSearch for LC

Inertsil Applications

## Analysis of Nonsteroidal anti-inflammatory drug

Data No. LB837-1087



### Conditions

**System** : Chromaster HPLC system (HITACHI)  
**Column** : InertSustain C30 (GL Sciences Inc.)  
(5  $\mu$  m, 150 x 4.6 mm I.D.)  
**Column Cat. No.** : 5020-17144  
**Eluent** : A) CH<sub>3</sub>OH  
B) 25 mM KH<sub>2</sub>PO<sub>4</sub> in H<sub>2</sub>O (pH 3.0, H<sub>3</sub>PO<sub>4</sub>)  
A/B = 70/30, v/v  
**Flow Rate** : 1.0 mL/min  
**Col. Temp.** : 30 °C  
**Detection** : UV 230 nm  
**Injection Vol.** : 10  $\mu$  L  
**Sample** : Standard

### Analyte:

1. Diclofenac  
2. Ibuprofen  
3. Indomethacin (10 mg/L each)