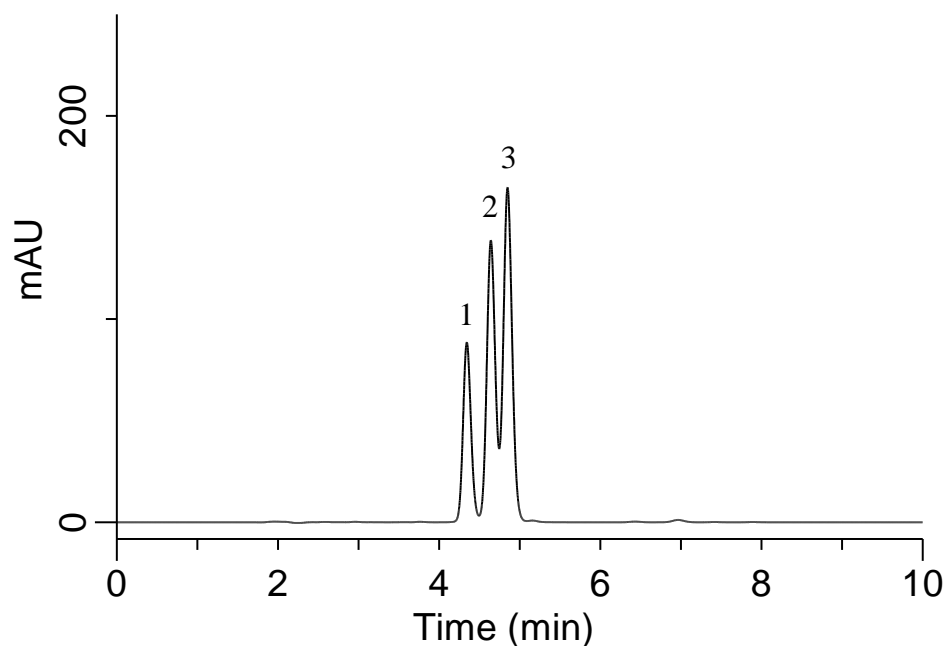


## Analysis of Nonsteroidal anti-inflammatory drug



### Conditions

**System** : GL7700 HPLC system  
**Column** : InertSustain Phenyl  
 (5  $\mu$  m, 150 x 4.6 mm I.D.)  
**Column Cat. No.** : 5020-16327  
**Eluent** : A) CH<sub>3</sub>CN  
 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 = 60/40, v/v  
**Flow Rate** : 0.8 mL/min  
**Col. Temp.** : 40 °C  
**Detection** : UV 230 nm (UV7751 UV-VIS Detector)  
**Injection Vol.** : 5  $\mu$  L  
**Sample** : Standard

### Analyte:

1. Ibuprofen  
 2. Indomethacin  
 3. Diclofenac sodium