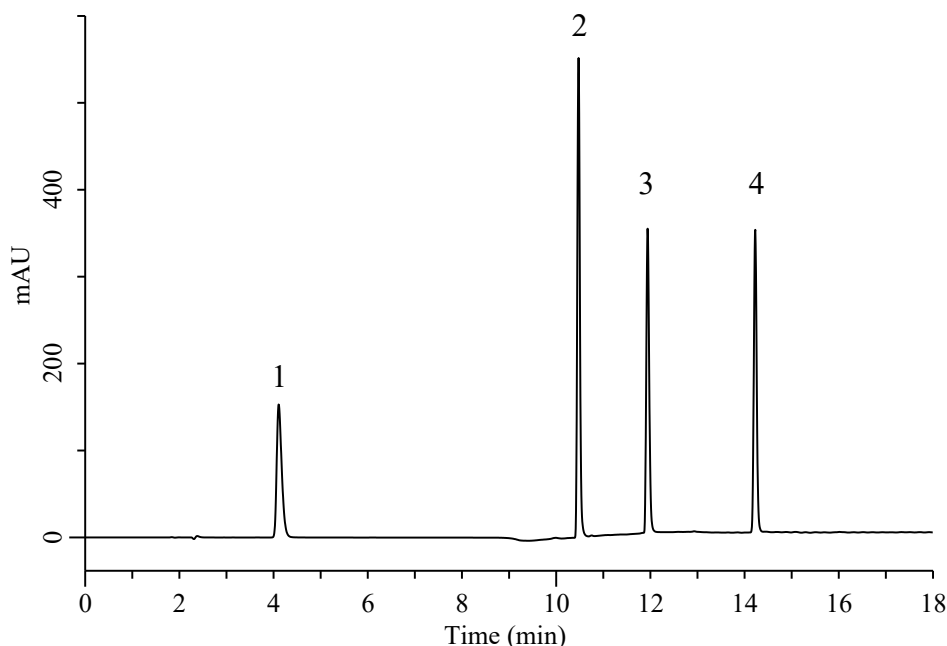


## Analysis of 4 Drugs



### Conditions

**System** : Chromaster HPLC system (HITACHI)  
**Column** : Inertsil ODS-4 (GL Sciences Inc.)  
 (5  $\mu$  m, 150 x 4.6 mm I.D.)  
**Column Cat. No.** : 5020-03945  
**Eluent** : A) CH<sub>3</sub>CN  
 B) 0.1 % H<sub>3</sub>PO<sub>4</sub> in H<sub>2</sub>O

### Analyte:

1. Phenylephrine 100 mg/L  
 2. Caffeine 25 mg/L  
 3. Ibuprofen 100 mg/L  
 4. Levocetirizine 100 mg/L

Time (min)	A (vol %)	B (vol %)
0.0	3	97
5.0	3	97
12.0	90	10
18.0	90	10

**Flow Rate** : 1.0 mL/min  
**Col. Temp.** : 40 °C  
**Detection** : UV 210 nm  
**Injection Vol.** : 10  $\mu$  L  
**Sample** : Standard