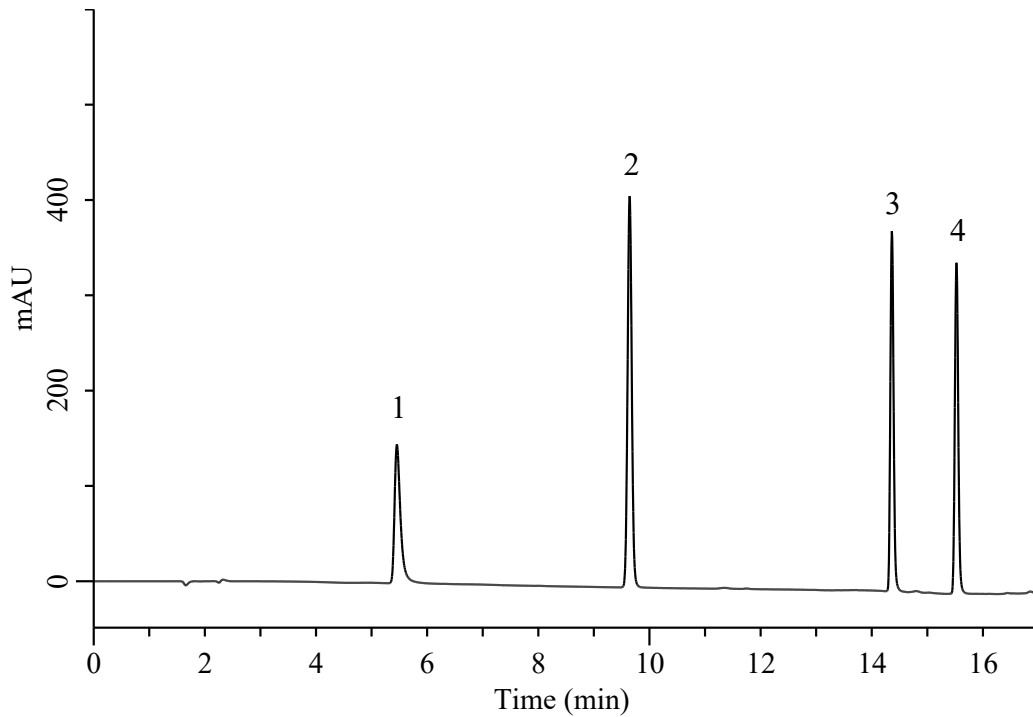


## Analysis of 4 Drugs



### Conditions

**System** : Chromaster HPLC system (HITACHI)  
**Column** : InertSustain AQ-C18 (GL Sciences Inc.)  
 (5  $\mu$  m, 150 x 4.6 mm I.D.)  
**Column Cat. No.** : 5020-89730  
**Eluent** : A) CH<sub>3</sub>CN  
 B) 10 mM K<sub>2</sub>HPO<sub>4</sub> (pH 7.0 H<sub>3</sub>PO<sub>4</sub>)

### 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
10.0	30	70
15.0	70	30
17.0	70	30

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