

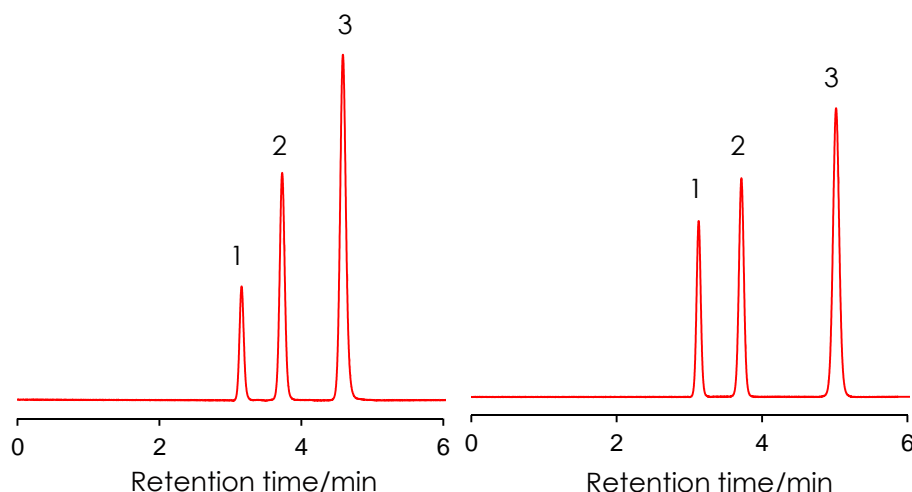
## 降圧利尿剤の分離 (2)

### Hypotensive diuretic (2)

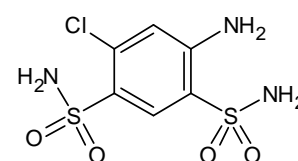
Sunniest C18 5µm, 150 x 4.6 mm i.d.

Acetonitrile:100 mM  
phosphate buffer pH 3.0 = 20:80

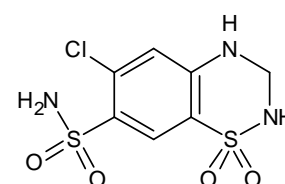
Acetonitrile:20 mM  
phosphate buffer pH 3.0 = 20:80



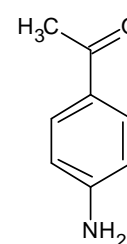
1. 4-Amino-6-chloro-1,3-benzenedisulfonamide



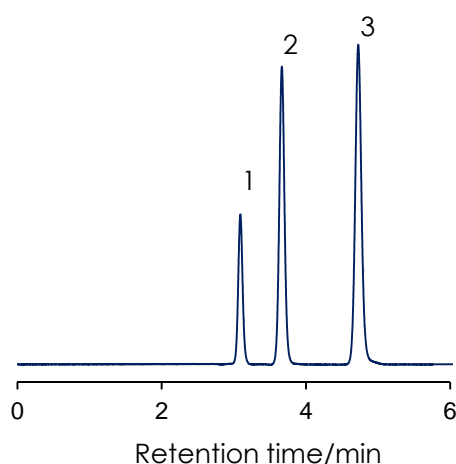
2. Hydrochlorothiazide



3. p-Aminoacetophenone



Acetonitrile:0.1% formic acid = 20:80



Column: Sunniest C18 5µm, 150 x 4.6 mm

Mobile phase: A) Acetonitrile:100 mM phosphate buffer (KH<sub>2</sub>PO<sub>4</sub>) pH 3.0 = 20:80

B) Acetonitrile:20 mM phosphate buffer (KH<sub>2</sub>PO<sub>4</sub>) pH 3.0 = 20:80

C) Acetonitrile:0.1% formic acid = 20:80

Flow rate: 1.0 mL/min

Temperature: 40 °C

Detection: UV@250nm

Sample: 1 = 4-Amino-6-chloro-1,3-benzenedisulfonamide, 2 = Hydrochlorothiazide,

3 = p-Aminoacetophenone