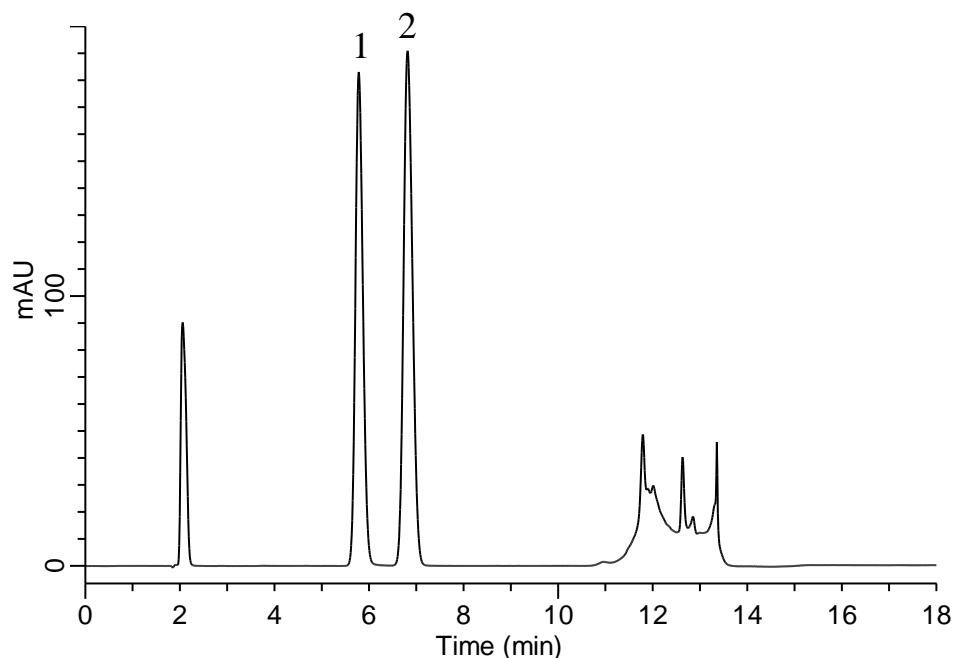


## Analysis of Saccharin



### Conditions

**System** : Chromaster HPLC system  
**Column** : Inertsil WP300 C18  
 (5  $\mu$  m, 150 x 4.6 mm I.D.)  
**Column Cat. No.** : 5020-05845  
**Eluent** : A) CH<sub>3</sub>OH  
 B) 50 mM K<sub>2</sub>HPO<sub>4</sub> in (0.1% H<sub>3</sub>PO<sub>4</sub> in H<sub>2</sub>O)

### Analyte:

1. Phthalic Anhydride 0.1 mg/mL  
 2. Saccharin 0.1 mg/mL

Time (min)	A (vol. %)	B (vol. %)
0.0	10	90
7.0	10	90
8.0	95	5
10.0	95	5
10.1	10	90
18.0	10	90

Resolution (1, 2) (JP) : 3.22 ( $\geq 1.5$ )  
 Symmetry factor (2) (JP) : 1.14 ( $\leq 1.5$ )

**Flow Rate** : 1.0 mL/min  
**Col. Temp.** : 20 °C  
**Detection** : UV 230 nm  
**Injection Vol.** : 10  $\mu$  L  
**Sample** : Standard