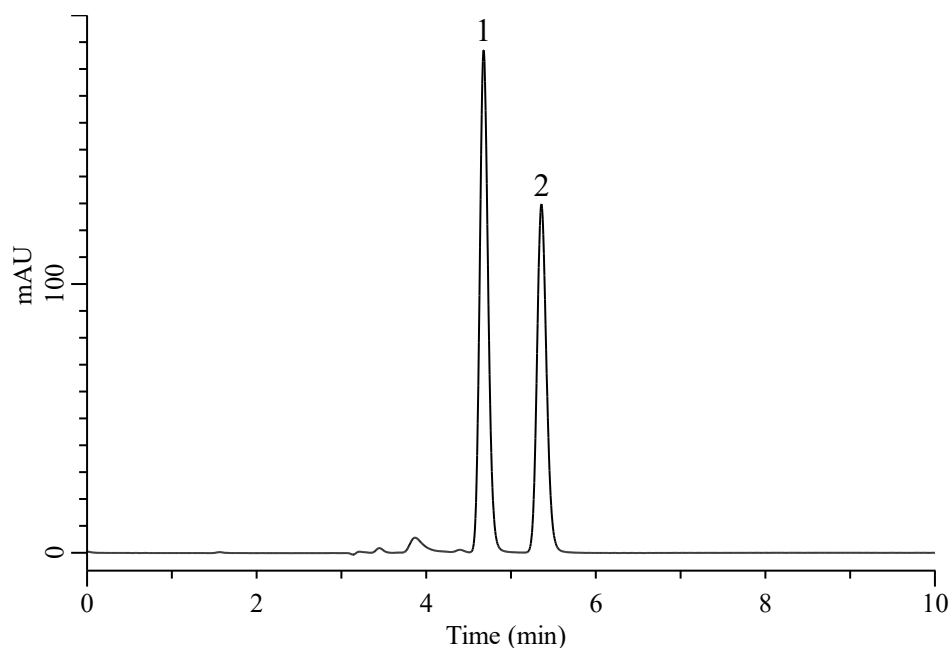


# Analysis of Stilbene



## Conditions

**System** : Chromaster PLUS (HITACHI)  
**Column** : InertSustain PFP (GL Sciences Inc.)  
                   (5  $\mu$ m, 250 x 4.6 mm I.D.)  
**Column Cat. No.** : 5020-87731  
**Eluent** : A) CH<sub>3</sub>OH  
               B) H<sub>2</sub>O  
               A/B = 80/20 v/v  
**Flow Rate** : 1.0 mL/min  
**Col. Temp.** : 40 °C  
**Detection** : UV 210 nm (Chromaster 5430 DAD)  
**Injection Vol.** : 10  $\mu$ L  
**Sample** : Standard

## Analyte:

1. *cis*-stilbene 10  $\mu$ g/mL  
 2. *trans*-stilbene 10  $\mu$ g/mL

Resolution (1.2) : 3.7

RSD of the peak area  
 of 1 (%) (n=6) : 0.46  
 of 2 (%) (n=6) : 0.37