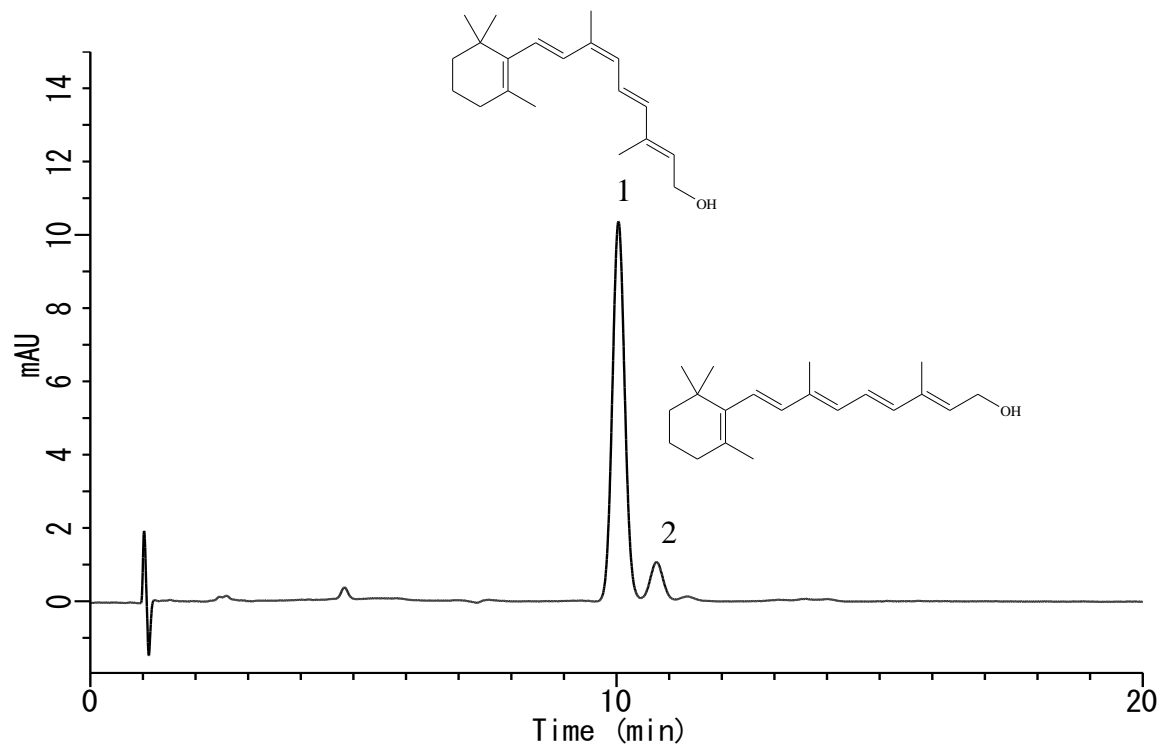


## Analysis of cis-trans isomers of vitamin A



### Conditions

**System** : GL-7400HPLC system  
**Column** : Inertsil ODS-P (5µm, 150 x 4.6 mm I.D.)  
**Column Cat. No.** : 5020-02001  
**Eluent** : A) CH<sub>3</sub>CN  
           : B) H<sub>2</sub>O  
           : A/B = 75/25, v/v  
**Flow Rate** : 1.0 mL/min  
**Col. Temp.** : 40 °C  
**Detection** : UV 325 nm (GL-7452A PDA Detector)  
**Injection Vol.** : 10 µL

### Analyte

1. 9-cis Retinol ( 5 mg/L )  
 2. all-trans Retinol ( 5 mg/L )