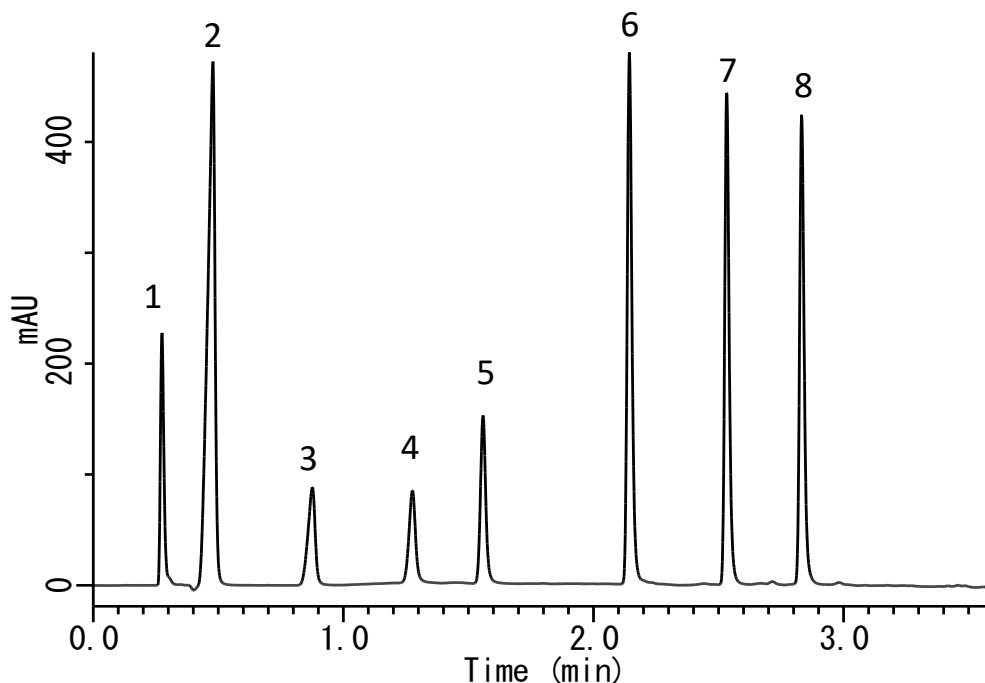


## Analysis of Preservatives



### Conditions

**System** : GL-7400 HPLC System  
**Column** : MonoClad C18-HS (100 x 3.0 mm I.D.)  
**Column Cat. No.** : 5020-10802  
**Eluent** : A) CH<sub>3</sub>CN  
           : B) 20 mM KH<sub>2</sub>PO<sub>4</sub>  
           : A/B = 10/90 – 3 min - 70/30, v/v  
**Flow Rate** : 2.4 mL/min  
**Col. Temp.** : UV 230 nm (GL-7450 UV Detector)  
**Detection** : 40 °C  
**Injection Vol.** : 1 µL

### Analyte

1. Ascorbic acid	(0.5 mg/mL)
2. <i>p</i> -Hydroxybenzoic acid	(0.9 mg/mL)
3. Benzoic acid	(0.13 mg/mL)
4. Sorbic acid	(0.13 mg/mL)
5. Dehydroacetic acid	(0.13 mg/mL)
6. Ethyl- <i>p</i> -hydroxybenzoate	(1.3 mg/mL)
7. Propyl- <i>p</i> -hydroxybenzoate	(1.3 mg/mL)
8. Butyl- <i>p</i> -hydroxybenzoate	(1.3 mg/mL)