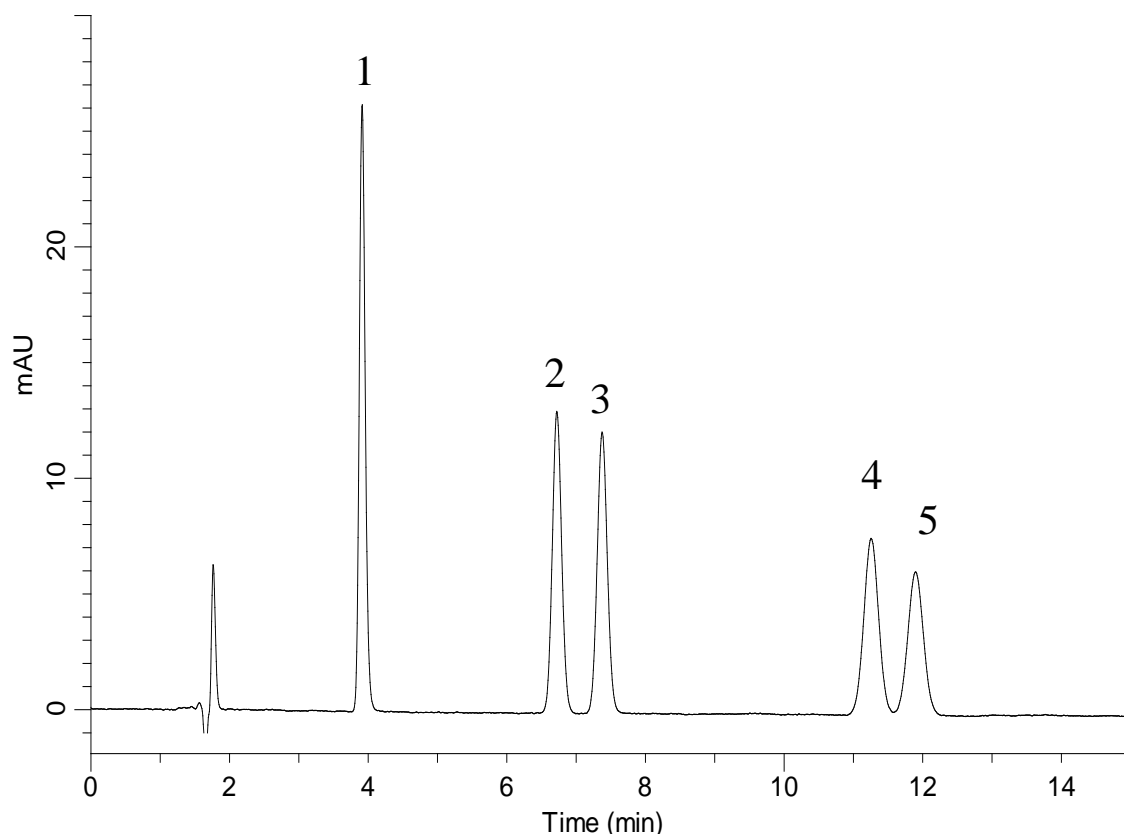


## Analysis of Parabens (Inertsil ODS-4) (Based on the Condition of Japanese Food Sanitation Inspection Guidelines)



### Conditions

**System** : GL-7400 system  
**Column** : Inertsil ODS-4 (5  $\mu$ m, 150 x 4.6 mm I.D.)  
**Column Cat. No.** : 5020-03945  
**Eluent** : A) CH<sub>3</sub>OH  
           : B) Citrate Buffer\*  
           A/B = 60/40, v/v  
**Flow rate** : 1.0 mL/min  
**Col. Temp.** : 40°C  
**Detection** : UV 270 nm (GL-7452A PDA Detector)  
**Injection Vol.** : 20  $\mu$ L  
**Sample** : Parabens

### Analyte:

1. Ethyl <i>p</i> -hydroxybenzoate	(2.0 mg/L)
2. Isopropyl <i>p</i> -hydroxybenzoate	(2.0 mg/L)
3. Propyl <i>p</i> -hydroxybenzoate	(2.0 mg/L)
4. Isobutyl <i>p</i> -hydroxybenzoate	(2.0 mg/L)
5. Butyl <i>p</i> -hydroxybenzoate	(2.0 mg/L)

\* Citrate Buffer: A solution containing 0.6 g/L of trisodium citrate dihydrate and 0.7 g/L of citric acid monohydrate.