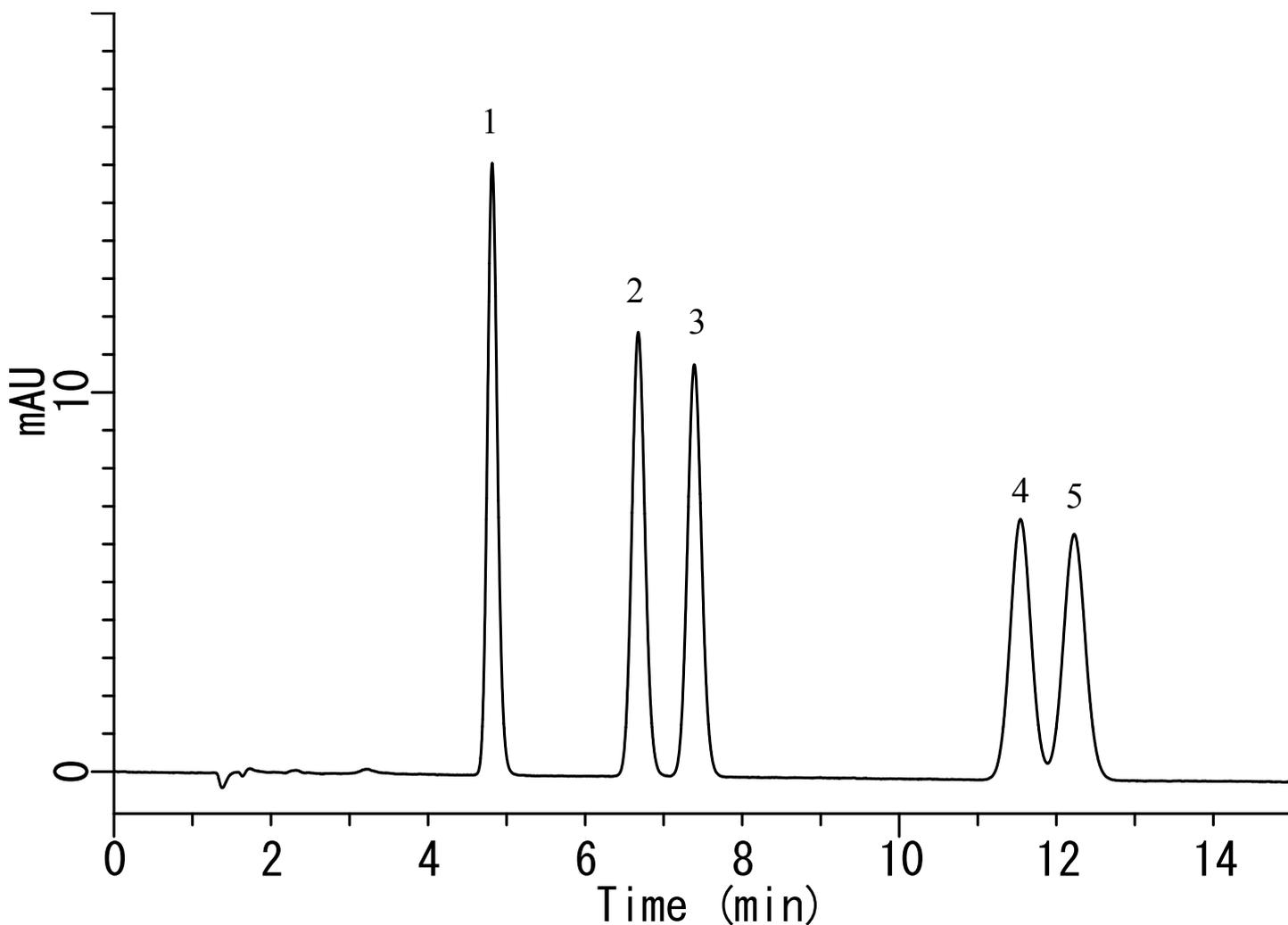


# InertSearch™ for LC

Inertsil® Applications

## Analysis of para-hydroxybenzoates

Data No. LA626-0696



### Conditions

**System** : GL-7400 HPLC system  
**Column** : Inertsil ODS-3 (5 $\mu$ m, 150 x 4.6 mm I.D.)  
**Column Cat. No.** : 5020-01731  
**Eluent** : A) CH<sub>3</sub>OH  
B) Citric acid buffer  
(0.7 g/L Citric Acid Monohydrate,  
0.6 g/L Trisodium citrate dihydrate)  
A/B = 60/40, v/v (mixed by a gradient mixer)  
**Flow rate** : 1.0 mL/min  
**Col. Temp.** : 40 °C  
**Detection** : UV 270nm (GL-7450 UV Detector)  
**Injection Vol.** : 20  $\mu$ L  
**Analyte** : Para-hydroxy benzoic acid ester

### Analyte:

1. Ethyl *p*-Hydroxybenzoate ( 2.0mg/L)
2. Isopropyl *p*-Hydroxybenzoate ( 2.0mg/L)
3. Propyl *p*-Hydroxybenzoate ( 2.0mg/L)
4. Isobutyl *p*-Hydroxybenzoate ( 2.0mg/L)
5. Butyl *p*-Hydroxybenzoate ( 2.0mg/L)