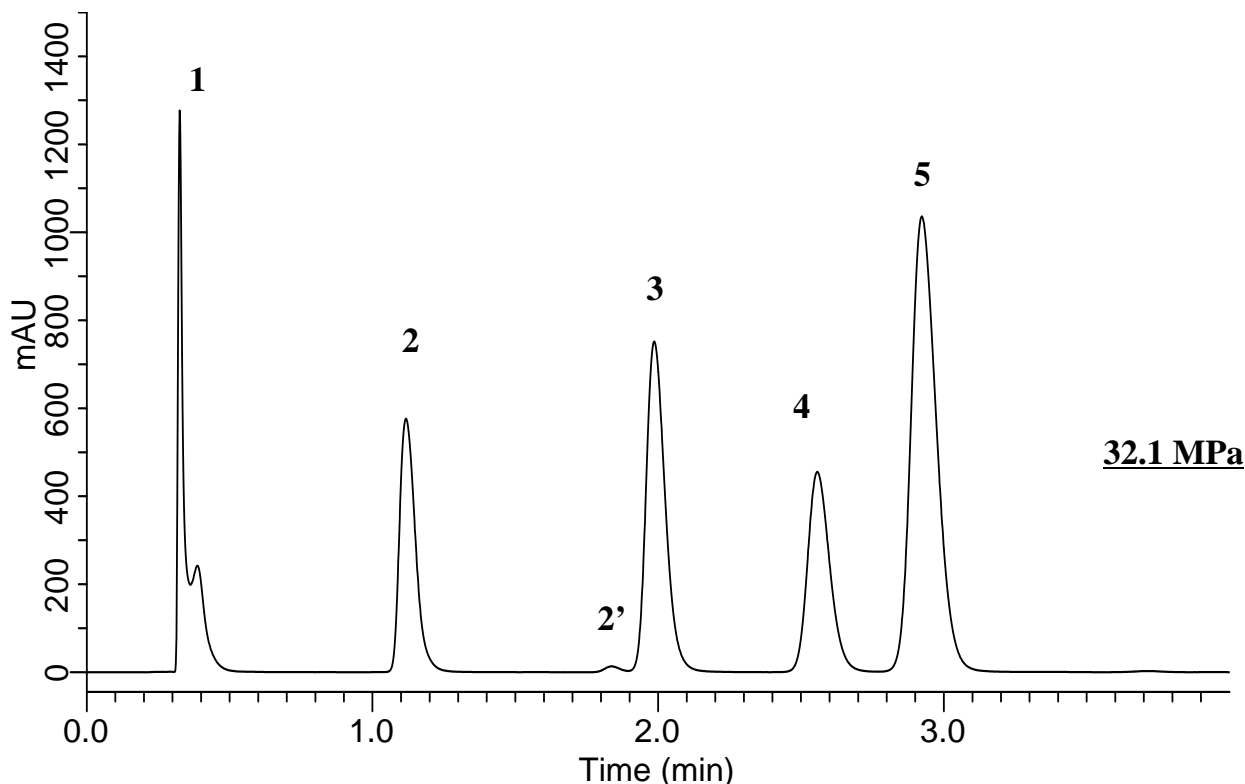


# InertSearch™ for LC

Inertsil® Applications

## Analysis of Aromatic carboxylic acids

Data No. LA704-0698



### Conditions

**System** : GL-7400 system  
**Column** : Inertsil ODS-3 (2  $\mu$  m, 50 x 3.0 mm I.D.)  
**Column Cat. No.** : 5020-84662  
**Eluent** : A) CH<sub>3</sub>CN  
B) 0.1 % H<sub>3</sub>PO<sub>4</sub>  
A/B = 15/85, v/v  
**Flow Rate** : 0.5 mL/min  
**Col. Temp.** : 40 °C  
**Detector** : UV 275 nm (GL-7452A PDA Detector)  
**Injection Vol.** : 5  $\mu$  L

### Analyte

1. Gallic acid (0.17 mg/mL)  
2. Vanillic acid (0.17 mg/mL)  
2' Vanillin (Impurity of 2)  
3. *p*-Coumaric acid (0.17 mg/mL)  
4. Ferulic acid (0.17 mg/mL)  
5. *m*-Coumaric acid (0.17 mg/mL)