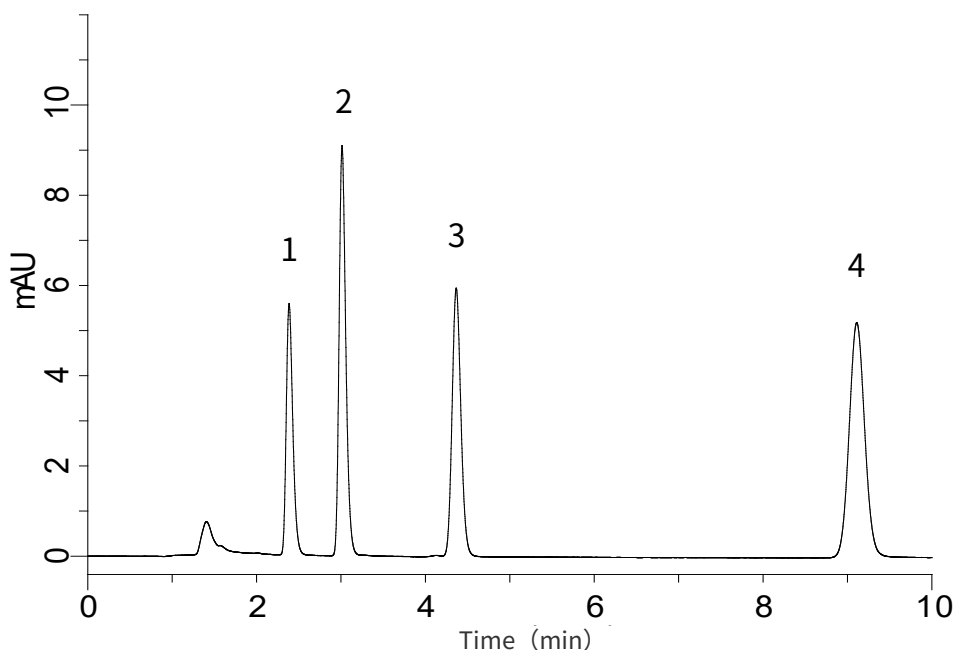


# InertSearch™ for LC

Inertsil® Applications

## Analysis of Nucleobase

Data No. LB256-0785



### Conditions

**System** : GL7700 HPLC system  
**Column** : InertSustain C18  
5  $\mu$ m, 150 x 4.6 mm I.D.)  
**Column Cat. No.** : 5020-07345  
**Eluent** : 20 mM  $K_2HPO_4$  in  $H_2O$  (pH 7.0, 20 mM  
 $KH_2PO_4$  in  $H_2O$ )  
**Flow Rate** : 1.0 mL/min  
**Col. Temp.** : 40 °C  
**Detection** : UV 260 nm (UV7750 UV Detector)  
**Injection Vol.** : 5  $\mu$ L  
**Sample** : Standard

### Analyte:

|             |                |
|-------------|----------------|
| 1. Cytosine | 1.0 $\mu$ g/mL |
| 2. Uracil   | 1.0 $\mu$ g/mL |
| 3. Guanine  | 1.0 $\mu$ g/mL |
| 4. Adenine  | 1.0 $\mu$ g/mL |