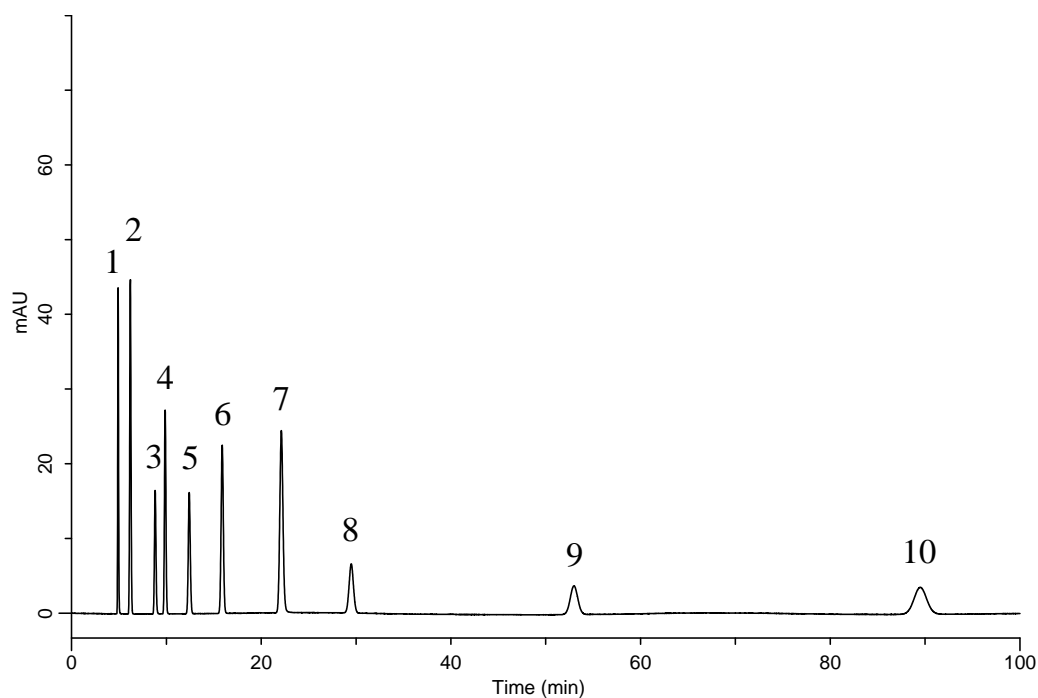


# InertSearch™ for LC

Inertsil® Applications

## Analysis of Nucleoside and Nucleic acid base

Data No. LB366-0894



### Conditions

**System** : GL7700 HPLC system  
**Column** : InertSustain AQ-C18  
(5  $\mu$  m, 250 x 4.6 mm I.D.)  
**Column Cat. No.** : 5020-89731  
**Eluent** : 20 mM  $\text{KH}_2\text{PO}_4$  in  $\text{H}_2\text{O}$   
(pH7.0, 20 mM  $\text{K}_2\text{HPO}_4$  in  $\text{H}_2\text{O}$ )  
**Flow Rate** : 1.0 mL/min  
**Col. Temp.** : 40 °C  
**Detection** : UV 260 nm (PD7752 PDA Detector)  
**Injection Vol.** : 1  $\mu$  L  
**Sample** : Standard

### Analyte:

1. Cytosine  
2. Uracil  
3. Cytidine  
4. Guanine  
5. Uridine  
6. Thymine  
7. Adenine  
8. Guanosine  
9. Thymidine  
10. Adenosine  
(100 mg/L each)