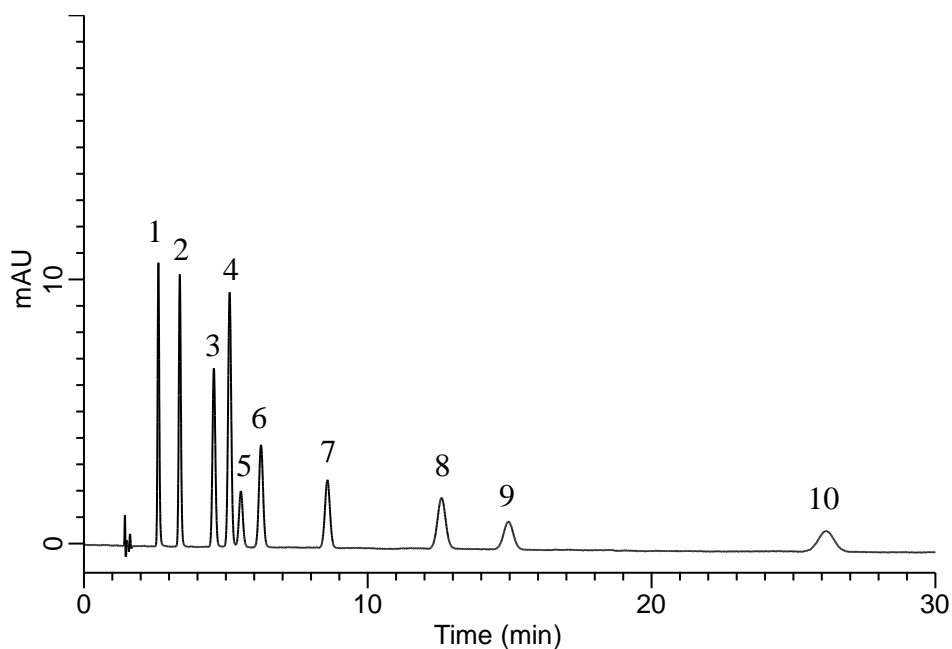


# InertSearch™ for LC

Inertsil® Applications

## Analysis of Nucleoside and Nucleic acid base (InertSustain C18)

Data No. LA895-0894



### Conditions

**System** : GL-7400 HPLC system  
**Column** : InertSustain C18 (5 $\mu$ m, 150 x 4.6 mm I.D.)  
**Column Cat. No.** : 5020-07345  
**Eluent** : 0.1 M KH<sub>2</sub>PO<sub>4</sub>, 0.2 M NaClO<sub>4</sub> (pH 2.03, H<sub>3</sub>PO<sub>4</sub>)  
**Flow rate** : 1.0 mL/min  
**Col. Temp.** : 40 °C  
**Detection** : UV 260 nm (GL-7452A PDA Detector)  
**Injection Vol.** : 1  $\mu$ L

### Analyte:

1.	Cytosine	25 mg/L
2.	Uracil	25 mg/L
3.	Guanine	25 mg/L
4.	Adenine	25 mg/L
5.	Cytidine	25 mg/L
6.	Uridine	25 mg/L
7.	Thymine	25 mg/L
8.	Adenosine	25 mg/L
9.	Guanosine	25 mg/L
10.	Thymidine	25 mg/L