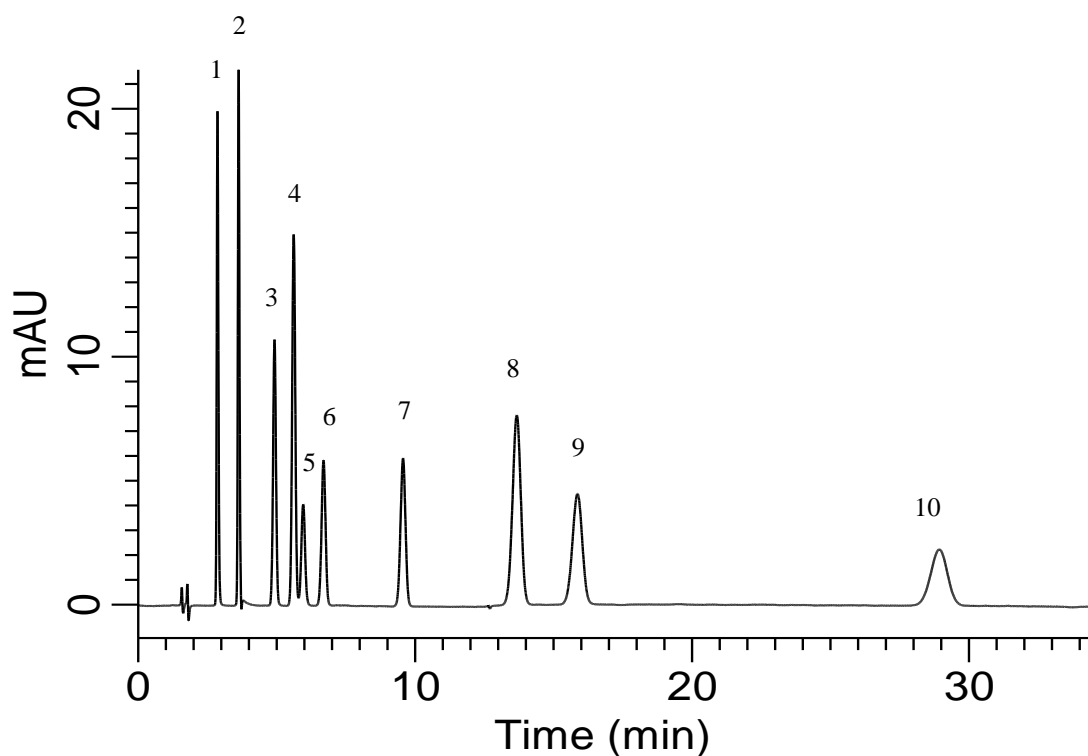


## Analysis of Nucleoside and Nucleic acid base



### Conditions

**System** : GL-7400 HPLC System  
**Column** : Inertsil ODS-4 (5  $\mu\text{m}$ , 150 x 4.6 mm I.D.)  
**Column Cat. No.** : 5020-03945  
**Eluent** : 0.1 M  $\text{KH}_2\text{PO}_4$ , 0.2 M  $\text{NaClO}_4$  (pH 2.03,  $\text{H}_3\text{PO}_4$ )  
**Flow Rate** : 1.0 mL/min  
**Col. Temp.** : 40  $^\circ\text{C}$   
**Detection** : UV 260 nm (GL-7450 UV Detector)  
**Injection Vol.** : 1  $\mu\text{L}$

### Analyte

1. Cytosine	(25 $\mu\text{g}/\text{mL}$ )
2. Uracil	(25 $\mu\text{g}/\text{mL}$ )
3. Guanine	(25 $\mu\text{g}/\text{mL}$ )
4. Adenine	(25 $\mu\text{g}/\text{mL}$ )
5. Cytidine	(25 $\mu\text{g}/\text{mL}$ )
6. Uridine	(25 $\mu\text{g}/\text{mL}$ )
7. Thymine	(25 $\mu\text{g}/\text{mL}$ )
8. Adenosine	(50 $\mu\text{g}/\text{mL}$ )
9. Guanosine	(50 $\mu\text{g}/\text{mL}$ )
10. Thymidine	(50 $\mu\text{g}/\text{mL}$ )