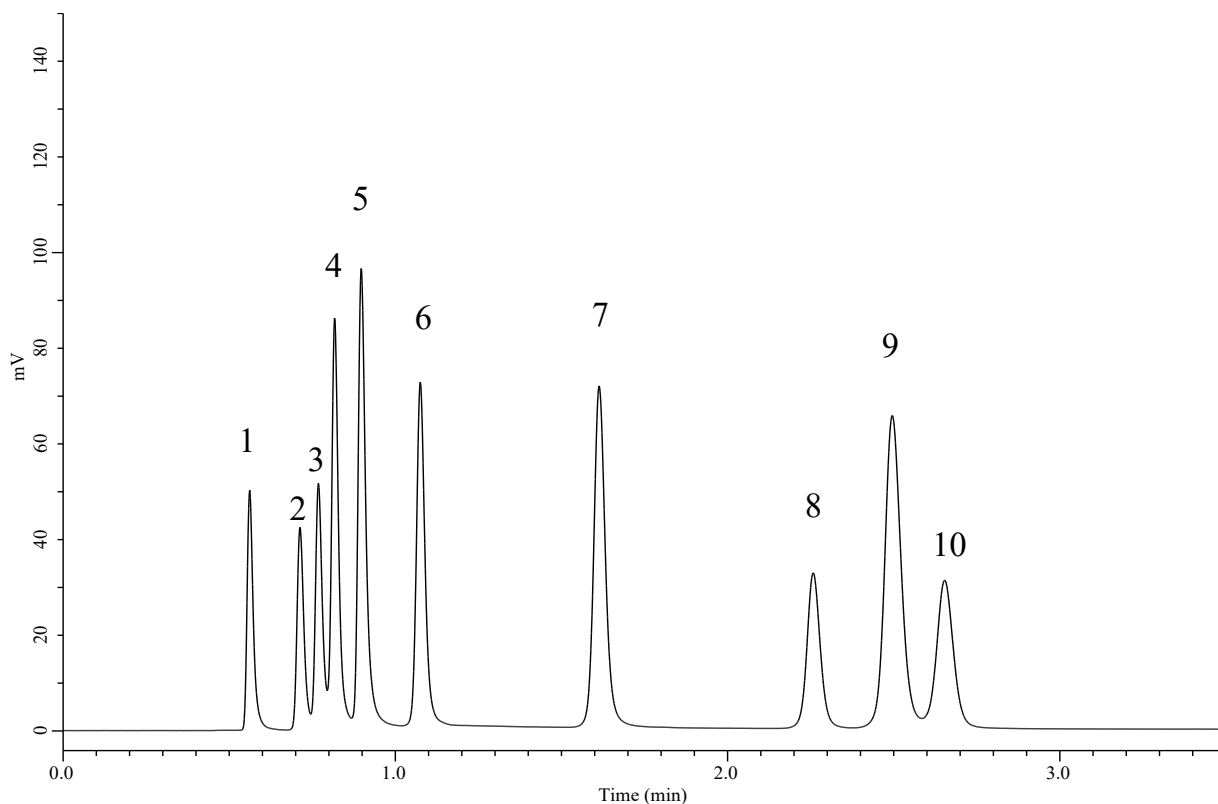


## Analysis of Nucleobases and Nucleosides



### Conditions

**Column** : InertCore Biphenyl (GL Sciences Inc.)  
(2.6  $\mu\text{m}$ , 100 x 2.1 mm I.D.)  
**Column Cat. No.** : 5020-17544  
**Eluent** : (10 mM  $\text{HCOONH}_4$  + 0.1 %  $\text{HCOOH}$ ) in  $\text{H}_2\text{O}$   
**Flow Rate** : 0.4 mL/min  
**Col. Temp.** : 40  $^{\circ}\text{C}$   
**Detection** : UV 254 nm  
**Injection Vol.** : 0.5  $\mu\text{L}$

### Analyte:

|                     |           |
|---------------------|-----------|
| 1. Cytosine         | (25 mg/L) |
| 2. Cytidine         | (50 mg/L) |
| 3. Guanine          | (25 mg/L) |
| 4. Adenine          | (25 mg/L) |
| 5. Uracil           | (25 mg/L) |
| 6. Uridine          | (50 mg/L) |
| 7. Guanosine        | (50 mg/L) |
| 8. Thymine          | (25 mg/L) |
| 9. Adenosine        | (50 mg/L) |
| 10. 5-Methyluridine | (50 mg/L) |