

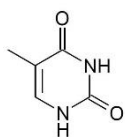
# Analysis of Ribonucleosides and Nitrogenous Bases by HILIC

**ACE**<sup>®</sup>  
Ultra-inert  
UHPLC & HPLC Columns

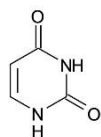
Application #AN4970

## Conditions

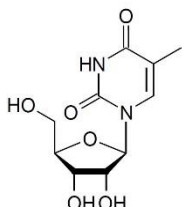
Column: ACE 5 HILIC-N  
Dimensions: 150 x 4.6 mm  
Part Number: HILN-5-1546U  
Mobile Phase: 10 mM ammonium formate pH 4.7 in MeCN:H<sub>2</sub>O (90:10 v/v)  
Flow Rate: 1.5 mL/min  
Injection: 5 µL  
Temperature: 25 °C  
Detection: UV, 254 nm  
Instrument: Chromaster 600



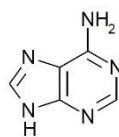
1. Thymine



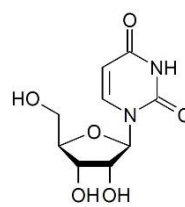
2. Uracil



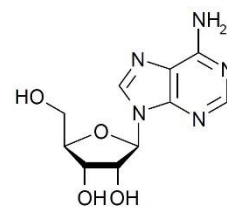
3. 5-Methyluridine



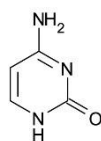
4. Adenine



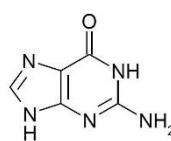
5. Uridine



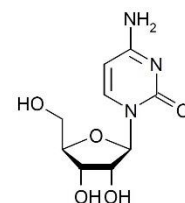
6. Adenosine



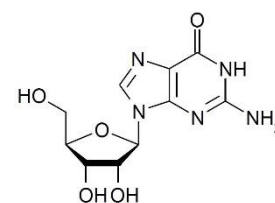
7. Cytosine



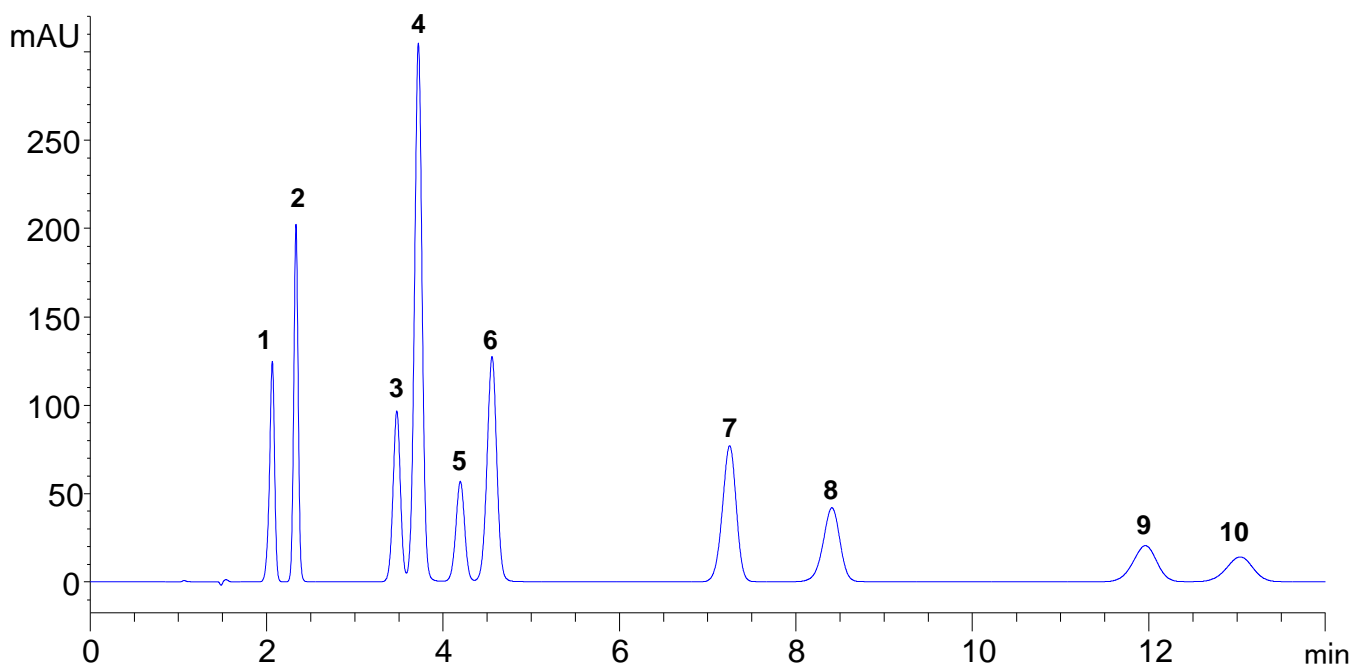
8. Guanine



9. Cytidine



10. Guanosine



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