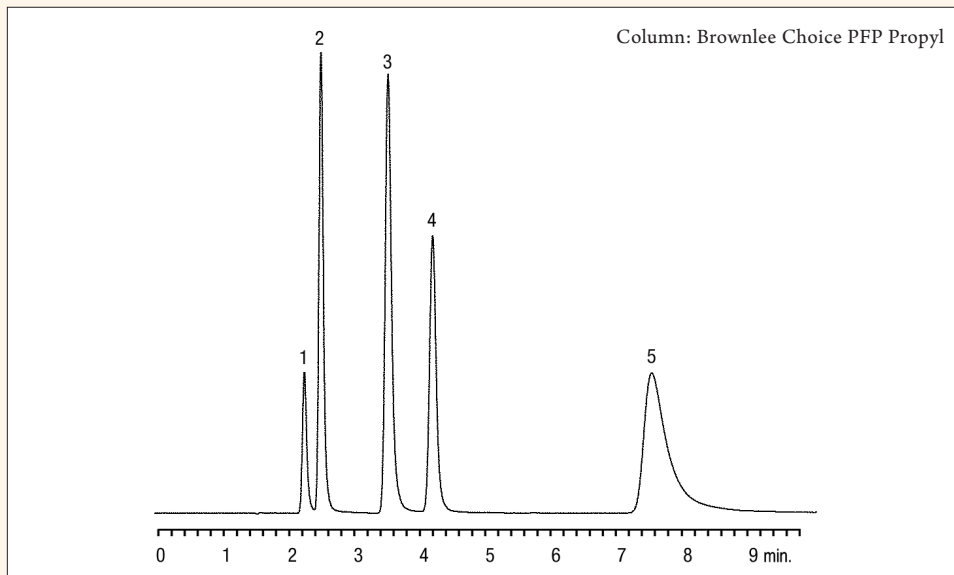




NUCLEOTIDES, NUCLEOSIDES, NUCLEIC ACID BASES

HPLC

Biochemical: Nucleic Acid Bases on Brownlee Choice PFP Propyl



Peak List

1. cytosine
2. uracil
3. guanine
4. thymine
5. adenine

Column

Column name	Brownlee Choice PFP Propyl
Part number	N9303644
Dimensions	150 x 4.6 mm
Particle size	5 μm
Pore size	60 \AA

Conditions

Mobile phase	20 mM ammonium acetate, pH 5.0: methanol (85:15 v/v)
Flow	1.0 mL/min
Temperature	ambient
Detector	UV @ 260 nm

Sample

Injection volume	1.0 μL
Concentration	100 $\mu\text{g/mL}$ each
Solvent	20 mM ammonium acetate, pH 5.0 Note: 1-3 drops of ammonium hydroxide added to keep guanine in solution

Notes

Recommended Guard Cartridge	N9303673
Recommended Guard Holder	N9303713

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