

Analysis of Nucleotides Using an Agilent Polaris C18-A Column

Application Note

Pharmaceutical

Author

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Introduction

An HPLC separation of ten nucleotides was achieved in 24 minutes using an Agilent Polaris C18-A column.



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Conditions

Column	Agilent Polaris C18-A, 4.6 × 150 mm, 5 µm (p/n A2000150X046)
Sample	Nucleotide mix, 10
Mobile phase	A: H ₂ O + 0.01 M TBAH + 0.01 M KH ₂ PO ₄ B: CH ₃ OH + 0.01 M TBAH
Gradient	5% - 50% B in 25 min, hold for 2 min, ramp to 95% B in 0.1 min, hold for 3 min, back to 5% B in 0.1 min, hold for 2 min
Flow rate	1.5 mL/min
Temperature	Ambient
Detector	254 nm

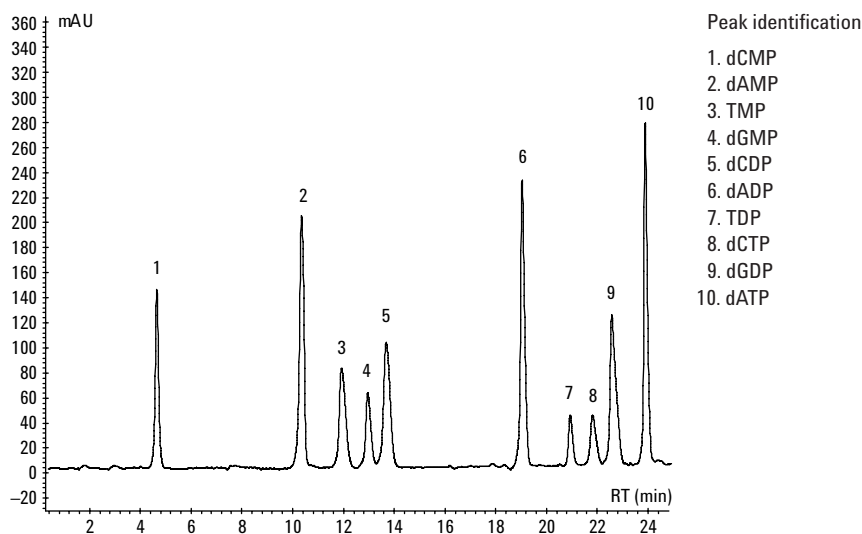


Figure 1. Analysis of nucleotides using an Agilent Polaris C18-A column.

For More Information

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