Separation of Adenine and 7-Methyladenine

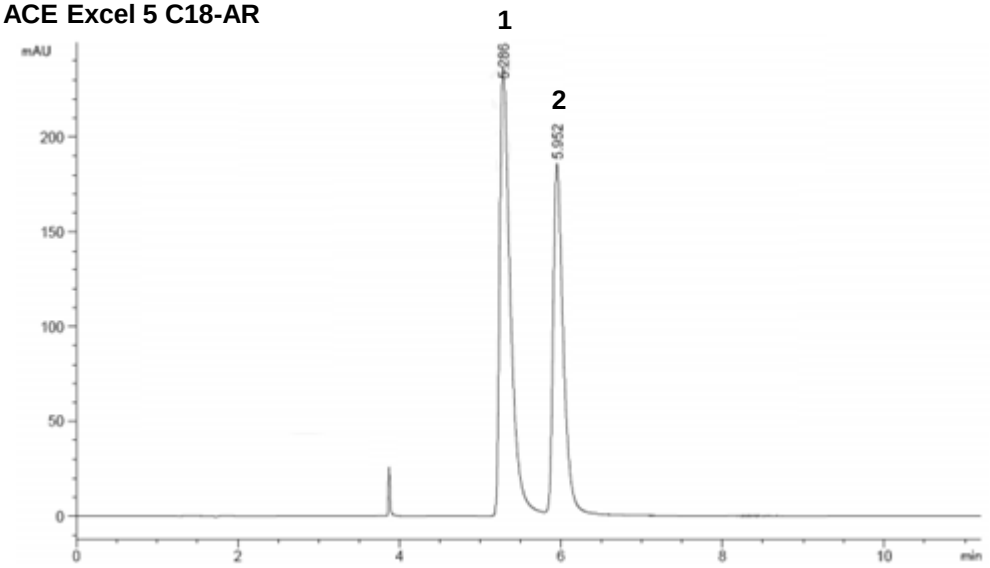
ACE® Ultra-inert UHPLC & HPLC Columns

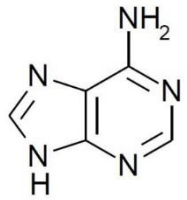
Application #AN6520

Conditions

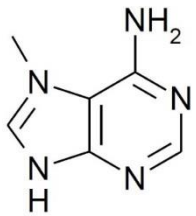
Columns:	1) ACE Excel 5 C18-AR 2) ACE Excel 5 AQ
Dimensions:	250 x 4.6 mm
Part Numbers:	1) EXL-129-2546U 2) EXL-126-2546U
Buffer:	6.9 g $NH_4H_2PO_4$ in 1000 mL H_2O, adjust to pH 7.5 with NH_4OH
Mobile Phase:	Phosphate buffer/MeCN/H_2O (7:3:90 v/v/v)
Flow Rate:	1.0 mL/min
Injection:	20 µL
Temperature:	Ambient
Detection:	UV, 240 nm

ACE Excel 5 C18-AR



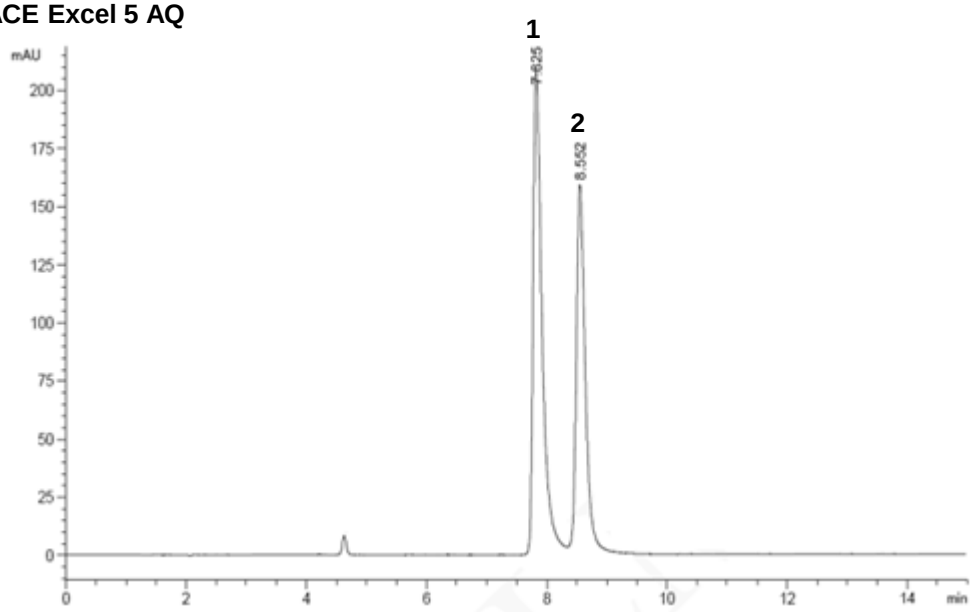


1. Adenine



2. 7-Methyladenine

ACE Excel 5 AQ



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