

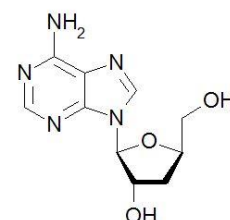
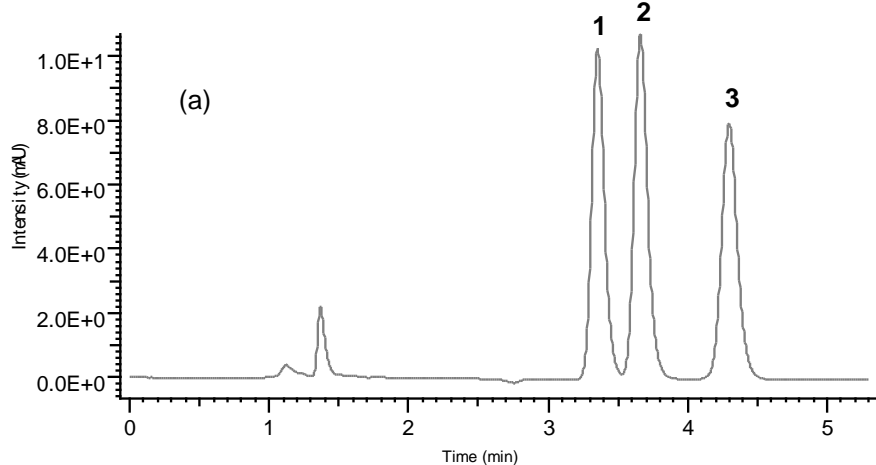
Adenine and Nucleosides using HILIC-MS Mode

ACE[®]
Ultra-inert
UHPLC & HPLC Columns

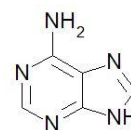
Application #AN4550

Conditions

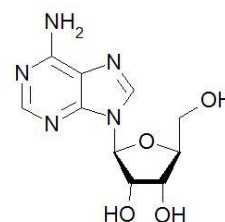
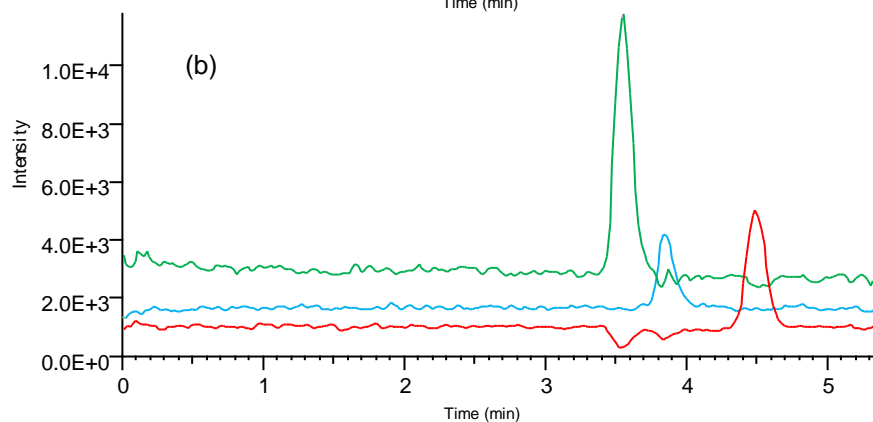
Column: ACE 5 HILIC-N
Dimensions: 150 x 4.6 mm
Part Number: HILN-5-1546U
Mobile Phase: 10 mM ammonium formate pH 4.7 in MeCN/H₂O (90:10 v/v)
Flow Rate: 1.5 mL/min
Injection: 5 µL
Temperature: 25 °C
Detection: (a) UV, 254 nm
(b) Chromaster MSD
SIM Positive ion mode [M + H]⁺
Instrument: Chromaster



1. Deoxyadenosine
(*m/z* 252.4)



2. Adenine
(*m/z* 136.1)



3. Adenosine
(*m/z* 268.3)