

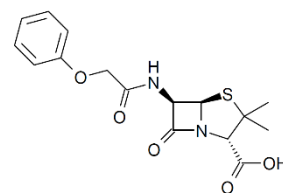
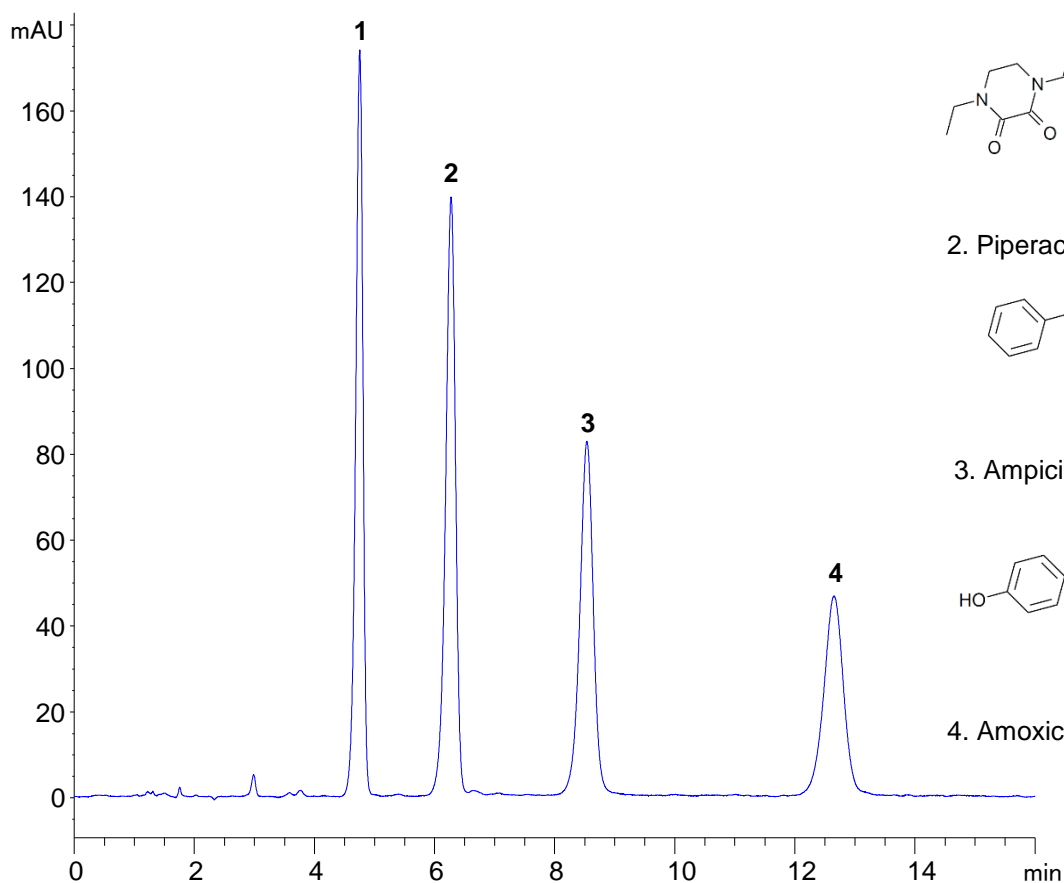
Separation of Penicillins by HILIC

ACE[®]
Ultra-inert
UHPLC & HPLC Columns

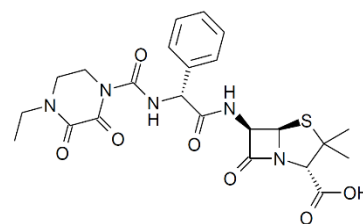
Application #AN5020

Conditions

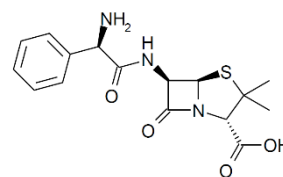
Column: ACE 5 HILIC-B
Dimensions: 150 x 4.6 mm
Part Number: HILB-5-1546U
Mobile Phase: 10 mM ammonium formate pH 4.7 in MeCN:H₂O (80:20 v/v)
Flow Rate: 1.5 mL/min
Injection: 10 µL
Temperature: 30 °C
Detection: UV, 214 nm



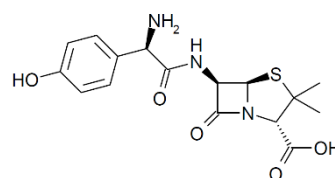
1. Penicillin V (logP = 1.58)



2. Piperacillin (logP = -0.26)



3. Ampicillin (logP = -2.00)



4. Amoxicillin (logP = -2.31)