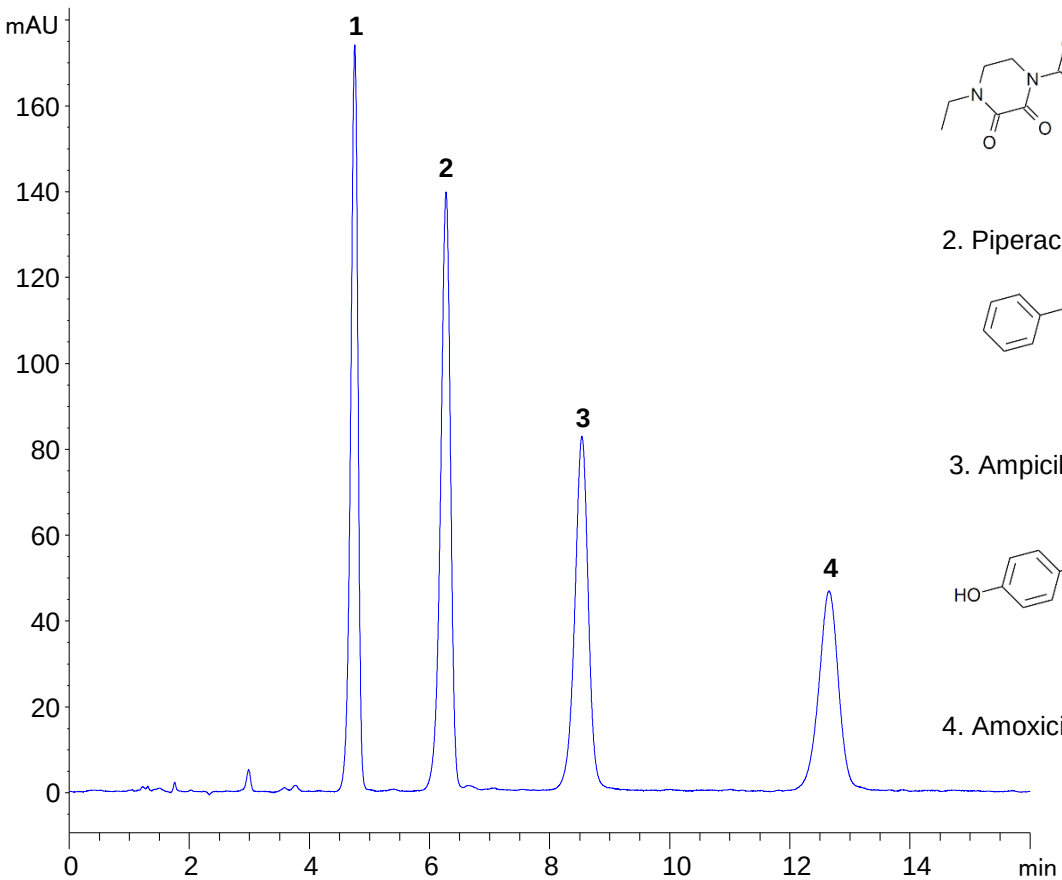
Separation of Penicillins by HILIC

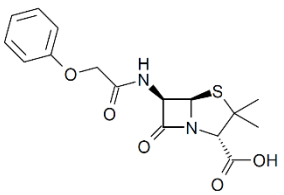
ACE®
Ultra-inert
UHPLC & HPLC Columns

Application #**AN5020**

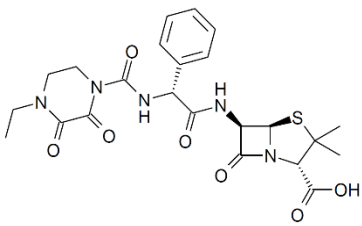
Conditions

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:H_2O (80:20 v/v)
Flow Rate:	1.5 mL/min
Injection:	10 µL
Temperature:	30 °C
Detection:	UV, 214 nm

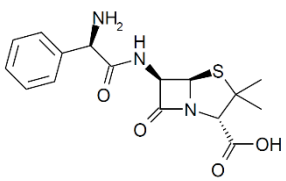




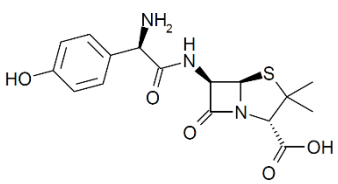
1. Penicillin V (logP = 1.58)



2. Piperacillin (logP = -0.26)



3. Ampicillin (logP = -2.00)



4. Amoxicillin (logP = -2.31)

© 2017 ACT Ltd. All rights reserved. All products are available worldwide.