

Separation of β -Lactam Antibiotics

ACE[®]
Ultra-inert
UHPLC & HPLC Columns

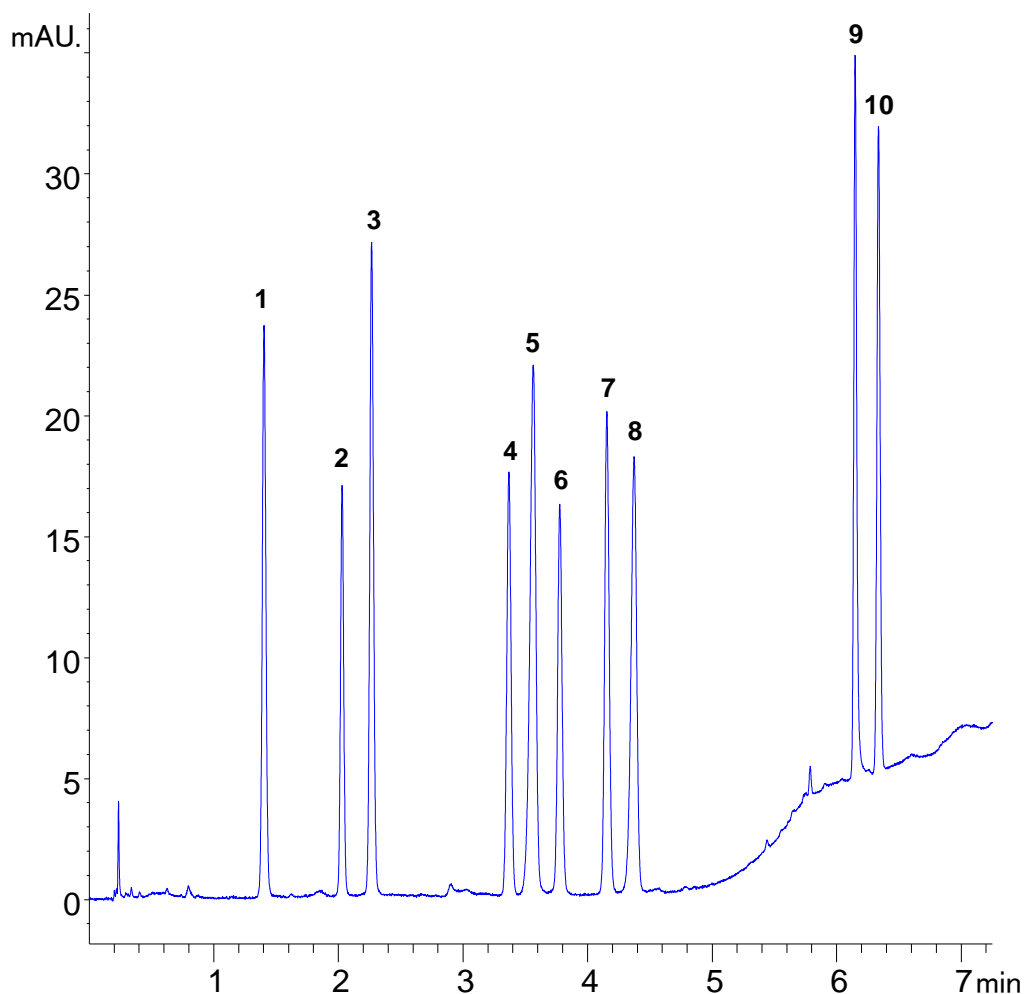
Application #AN5060

Conditions

Column: ACE Excel 2 C18-AR
Dimensions: 50 x 3.0 mm
Part Number: EXL-109-0503U
Mobile Phase: A: 20 mM KH₂PO₄ pH 2.5 (aq)
B: 20 mM KH₂PO₄ pH 2.5 in MeOH/water (60:40 v/v)

Time (mins)	%B
0.00	5
4.00	45
5.00	92
7.00	92
7.25	5

Flow Rate: 1.2 mL/min
Injection: 1 μ L
Temperature: 40 °C
Detection: UV, 220 nm



1. Amoxicillin
2. Cefepime
3. Cefadroxil
4. Cefaclor
5. Cefdinir
6. Ampicillin
7. Cefalexin
8. Cefixime
9. Piperacillin
10. Penicillin V

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