

Pharmaceutically Relevant Mixture II – Different Selectivity Using pH

ACE[®]
Ultra-inert
UHPLC & HPLC Columns

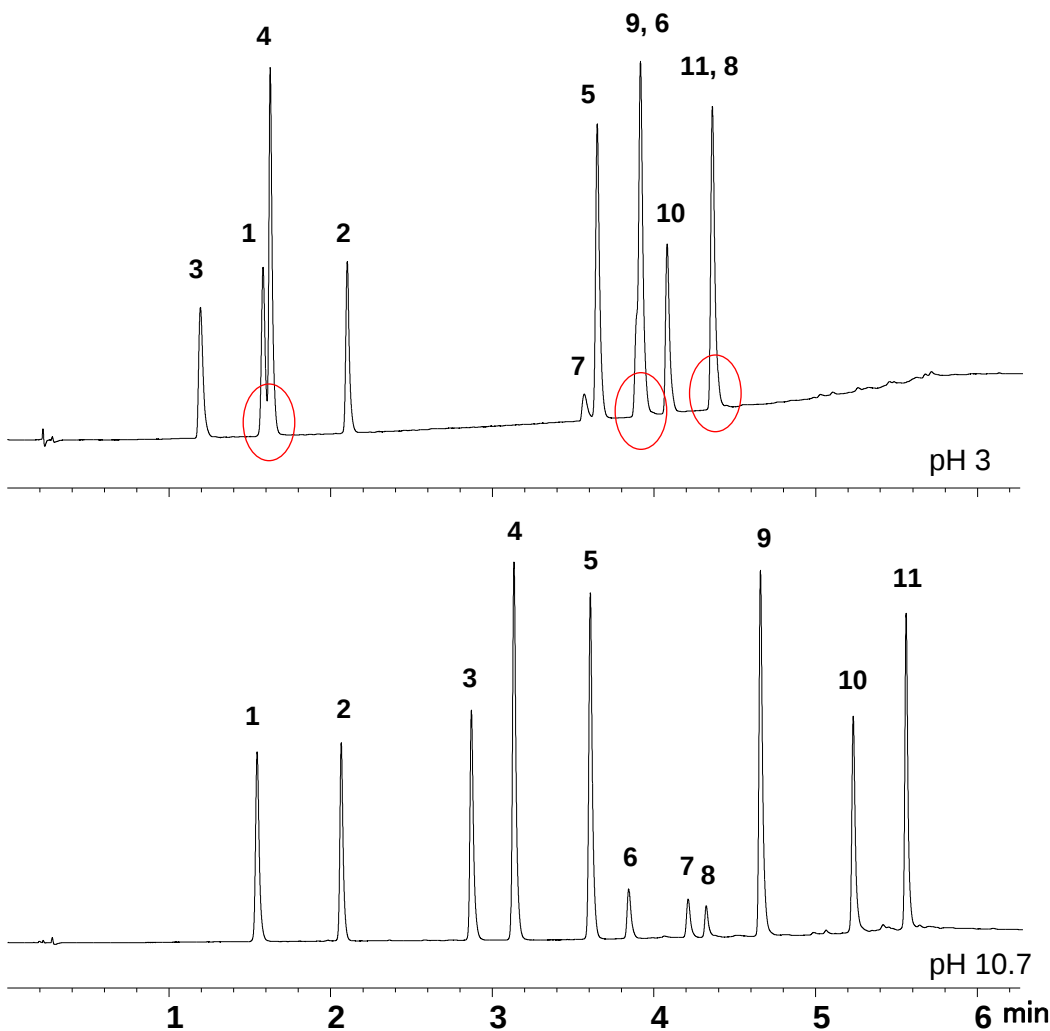
Application #AN1300

Conditions

Column: ACE Ultracore 2.5 SuperPhenylHexyl
Dimensions: 50 x 2.1 mm
Part Number: CORE-25B-0502U
Mobile Phase: A1: 10 mM ammonium formate pH 3 in H₂O
A2: 0.1% ammonia pH 10.7 in H₂O
B1: 10 mM ammonium formate pH 3 in MeCN/H₂O (90:10 v/v)
B2: 0.1% ammonia pH 10.7 in MeCN/H₂O (90:10 v/v)

Time (mins)	%B
0	3
5	100
6	100

Flow Rate: 0.6 mL/min
Temperature: 40 °C
Detection: UV, 254 nm



1. Benzamide
2. Caffeine
3. Procainamide
4. N-Acetylprocainamide
5. Propiophenone
6. Toluene
7. Remacemide
8. Ethylbenzene
9. Carvedilol
10. Nortriptyline
11. Clomipramine