

Exploiting Selectivity by Adjusting pH

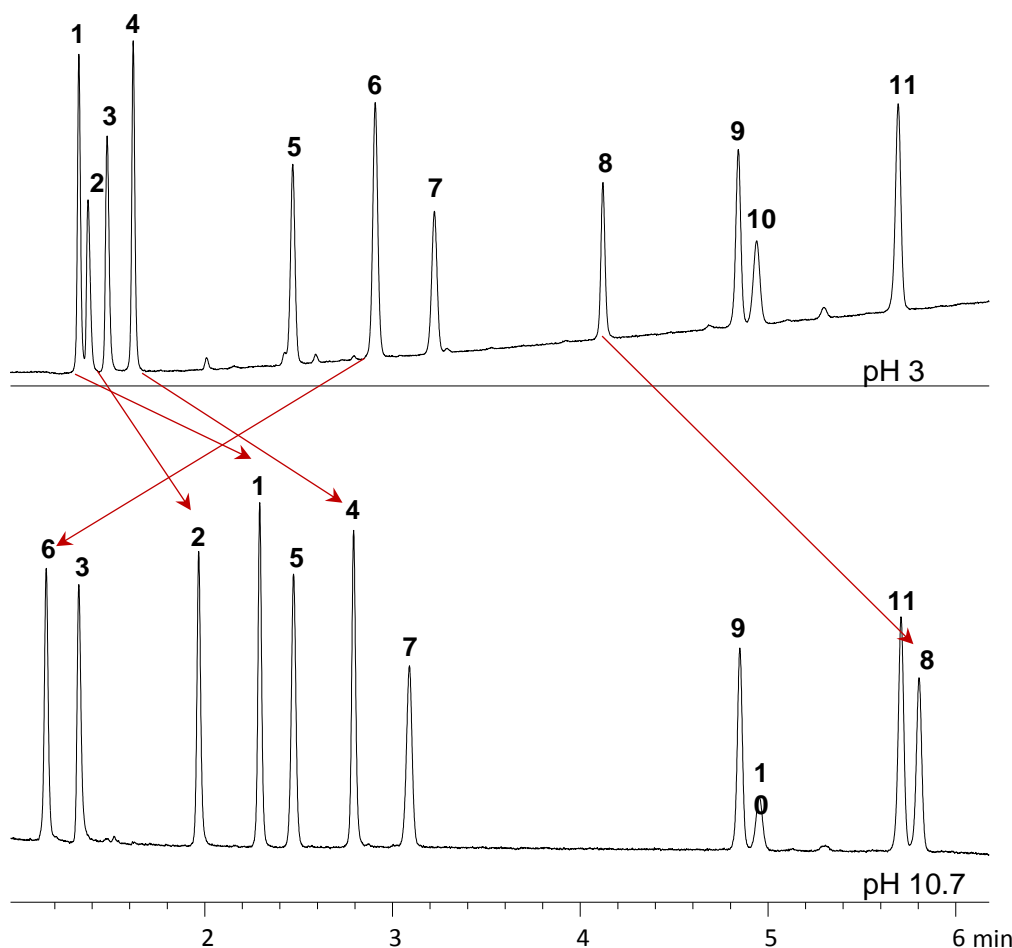
Application #AN2440

Conditions

Column: ACE Excel 2 SuperC18
Dimensions: 50 x 2.1 mm
Part Number: EXL-1011-0502U
Mobile Phase: A1: 10 mM ammonium formate pH 3.0 in H₂O
A2: 0.1% ammonia pH 10.7 in H₂O
B1: 10 mM ammonium formate pH 3.0 in MeCN/H₂O (90:10 v/v)
B2: 0.1% ammonia pH 10.7 in MeCN/H₂O (90:10 v/v)

Time (mins)	%B
0.0	3
7.0	100
8.0	100
8.5	3
12.5	3

Flow Rate: 0.42 mL/min
Injection: 2 µL
Temperature: 40 °C
Detection: UV, 254 nm



1. Nizatidine
2. Salbutamol
3. Amiloride
4. N-Acetylprocainamide
5. Quinoxaline
6. Methyl paraben
7. p-Cresol
8. Reserpine
9. Piperine
10. Toluene
11. Felodipine