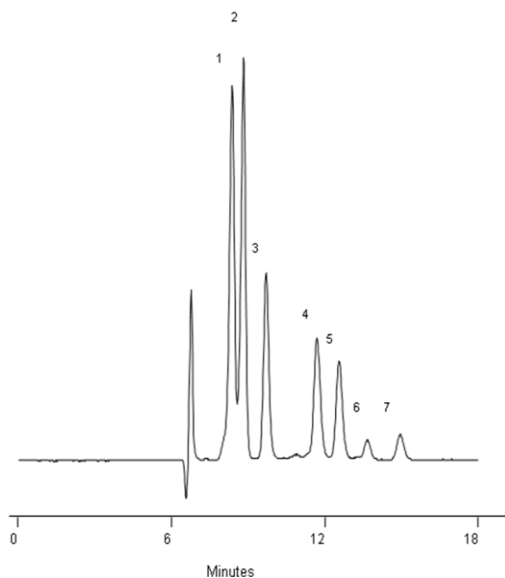
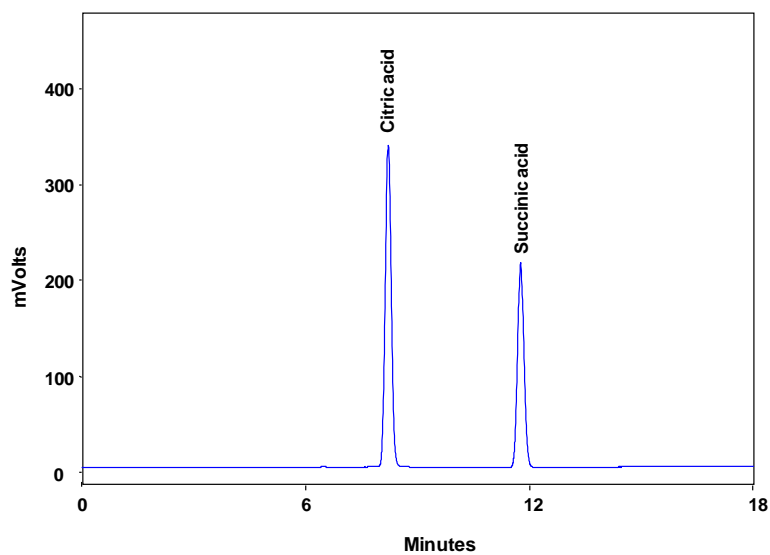




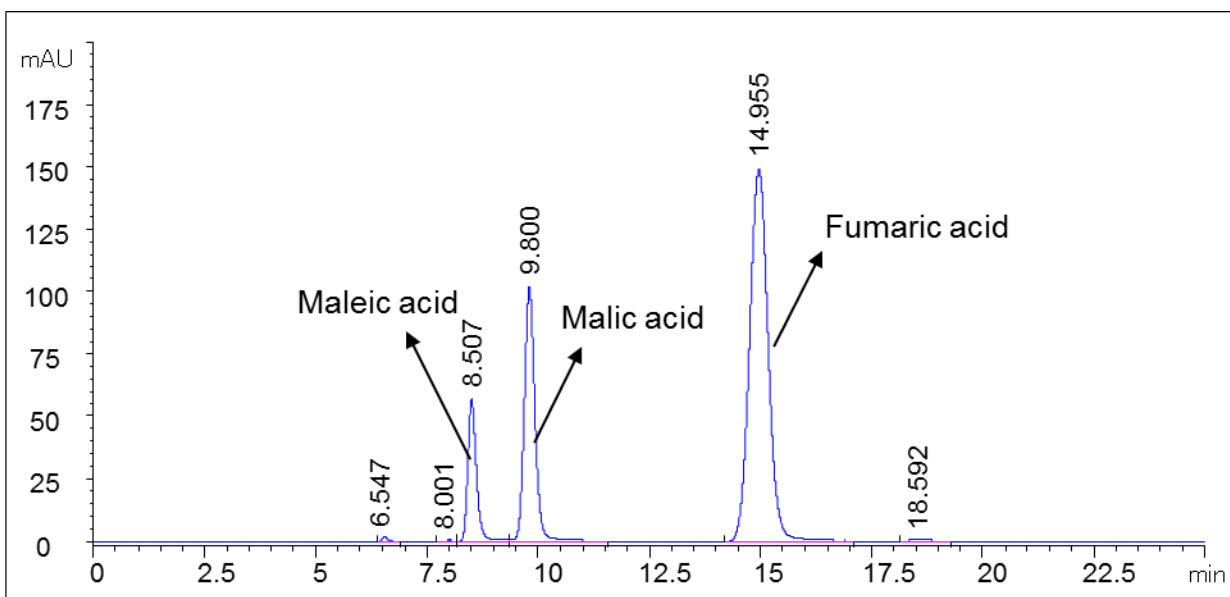
Analysis of Organic Acids on Carboximix[®] H-NP10 (10 μ m, 8%, 7.8x300 mm)



Column:	Carboximix [®] H-NP10:8% (10 μ m, 8% crosslinking, 7.8*300 mm)
Mobile Phase:	2.5 mM H ₂ SO ₄
Flow Rate:	0.6 mL/min
Temperature:	55 °C
Detection:	RI
Injection Volume:	25 μ L
Samples:	1. Citric acid; 2. Tartaric acid; 3. Malic acid; 4. Succinic acid; 5. Lactic acid; 6. Formic acid; 7. Acetic acid



Column: Carbomix[®] H-NP10:8% (7.8*300 mm)
Mobile Phase: TFA solution, pH 2.5
Flow Rate: 0.6 mL/min
Temperature: 55 °C
Detection: ELSD
Injection Volume: 2 µL
Samples: citric acid, succinic acid



Column: Carbomix[®] H-NP10:8% (7.8*300 mm)
Mobile Phase: 5 mM H₂SO₄
Flow Rate: 0.6 mL/min
Temperature: 37 °C
Detection: UV 210 nm
Injection Volume: 20 µL
Samples: malic acid 1mg/mL, maleic acid 4µg/mL and fumaric acid 10 µg/ml

Keywords: Carbohydrate, Carbomix, hydrogen form, organic acids