

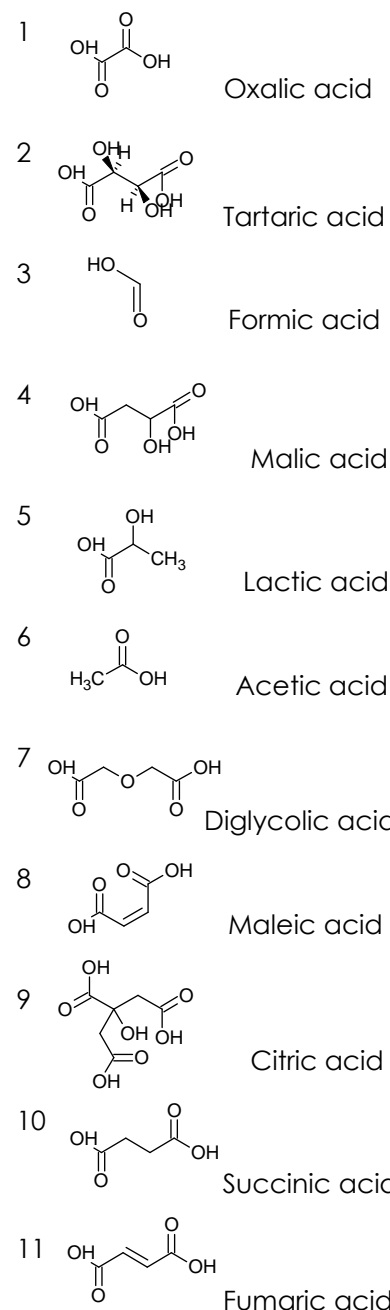
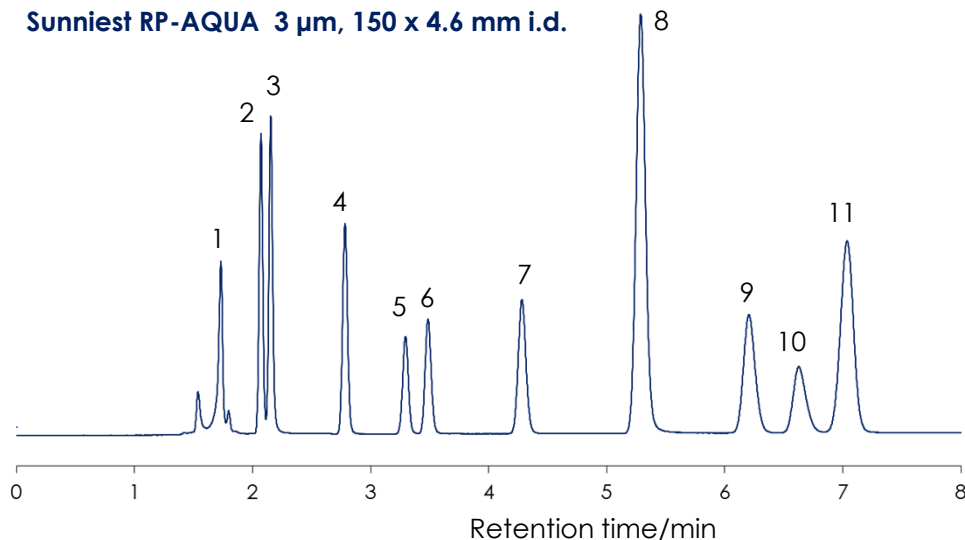
有機酸の分離 (2)

Organic acids (2)

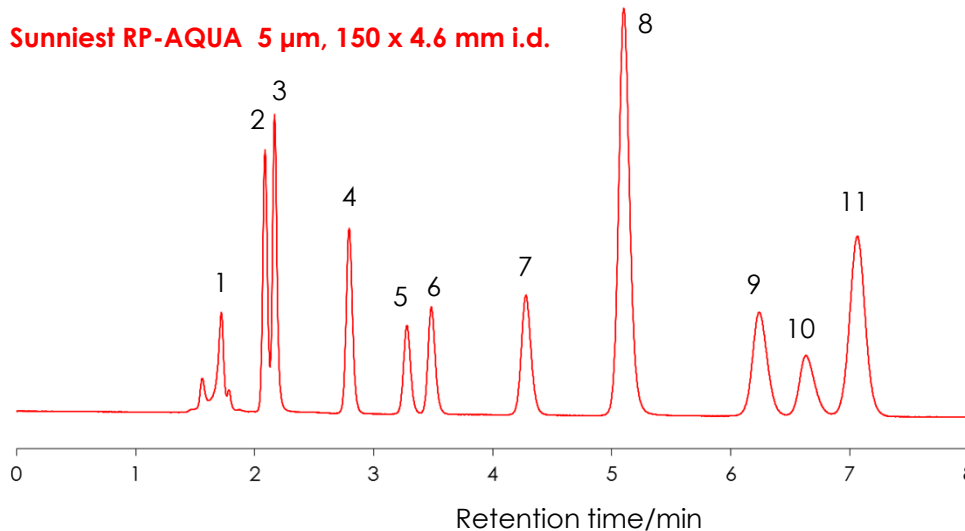
Sunniest RP-AQUA 3 μ m, 150 x 4.6 mm i.d.

Sunniest RP-AQUA 5 μ m, 150 x 4.6 mm i.d.

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Sunniest RP-AQUA 5 μ m, 150 x 4.6 mm i.d.



Column: Sunniest RP-AQUA 3 μ m and 5 μ m, 150 x 4.6 mm

Mobile phase: 0.025 M KH₂PO₄, pH2.5

Flow rate: 1.0 mL/min

Column pressure: 14 MPa for 3 μ m and 5 MPa for 5 μ m

Temperature: 25 °C

Detection: UV@210nm (Semi-micro flow cell)

Injection volume: 3 μ L

Sample: 1 = Oxalic acid (60 ppm), 2 = Tartaric acid (500 ppm), 3 = Formic acid (1000 ppm),

4 = Malic acid (1000 ppm), 5 = Lactic acid (1000 ppm), 6 = Acetic acid (1000 ppm),

7 = Diglycolic acid (1000 ppm), 8 = Maleic acid (100 ppm), 9 = Citric acid (1000 ppm),

10 = Succinic acid (1000 ppm), 11 = Fumaric acid (10 ppm).