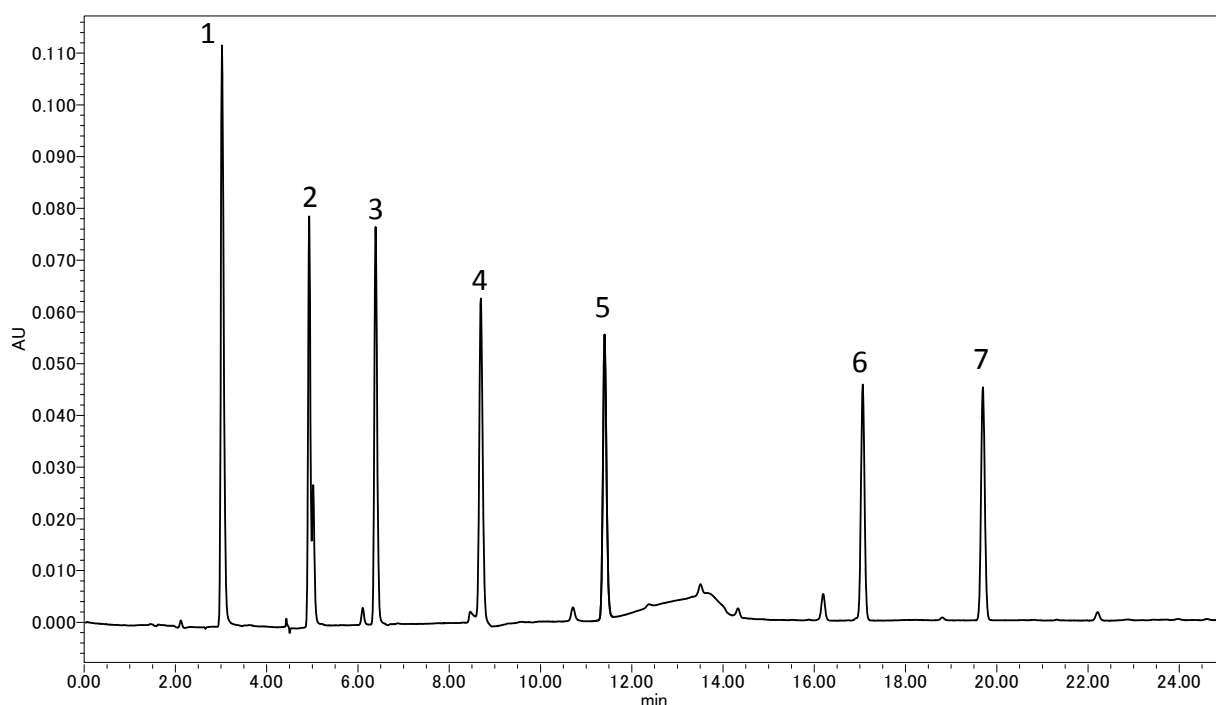


Develosil® Application Data No.108

“Analysis of Dicarboxylic acids”



Analytical conditions;

Column: Develosil HSR AQ C18, 5µm (4.6x150mm)

Product code: 73-546150W

Mobile phase: A) Water + 0.1%Phosphoric acid
B) Acetonitrile + 0.1% Phosphoric acid

Flow rate: 1.0mL/min

Temperature: 40°C

Detection: UV210nm

Sample: 1.Malonic acid (5.17mg/mL) 5.Primelic acid (4.66mg/mL)
2.Succinic acid (4.64mg/mL) 6.Azelaic acid (5.02mg/mL)
3.Glutaric acid (4.77mg/mL) 7.Sebacic acid (.92mg/mL)
4.Adipic acid (4.75mg/mL)

Injection volume: 1.0µL

System: Waters alliance e2695

Gradient:

Time (min)	%A	%B	Curve
0.0	100	0	6
25.0	50	50	6
30.0	50	50	6
30.1	100	0	6