Analysis of Saccharides/ 糖類の分析

The NH2 column is often used for analysis of saccharides, and separation shows similar behavior to HILIC. We analyzed saccharides using the Develosil ANIDIUS, a column that is very durable even in highly mobile phase.

糖類の分析にはNH2カラムを用いることが多く，分離はHILICと同じ挙動を示します。そこで水の多い移動相においても耐久性のある「**Develosil ANIDIUS**」を用いた糖類の分析例を紹介します。

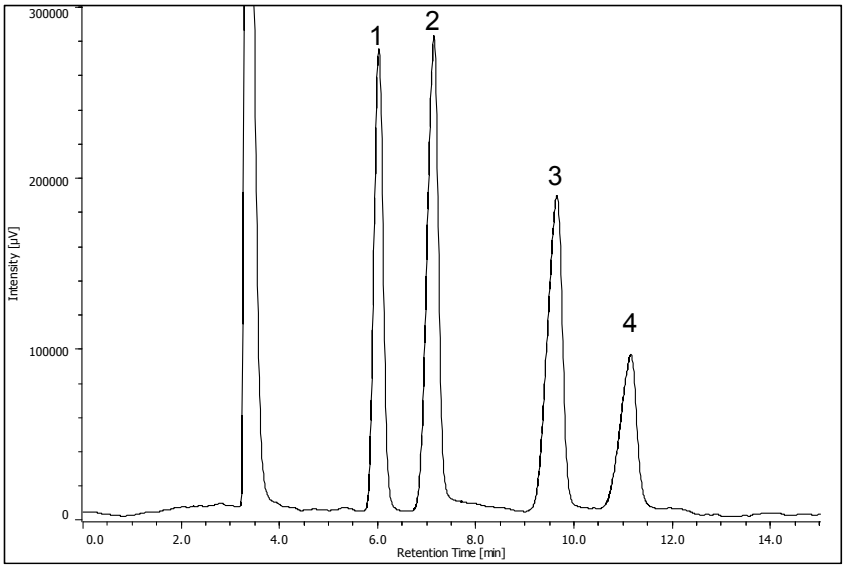

Fig.1 Analysis of Saccharides

Conditions;

Column: Develosil ANIDIUS (4.6x250mm)
Mobile phase:Acetonitrile/Water=80/20
Flow rate:1.0ml/min
Temperature: 40℃
Detection: RI
Sample: Fructose,Glucose,Sucrose, Maltose
Injection volume: 20uL
System: 日本分光製 /JASCO 200

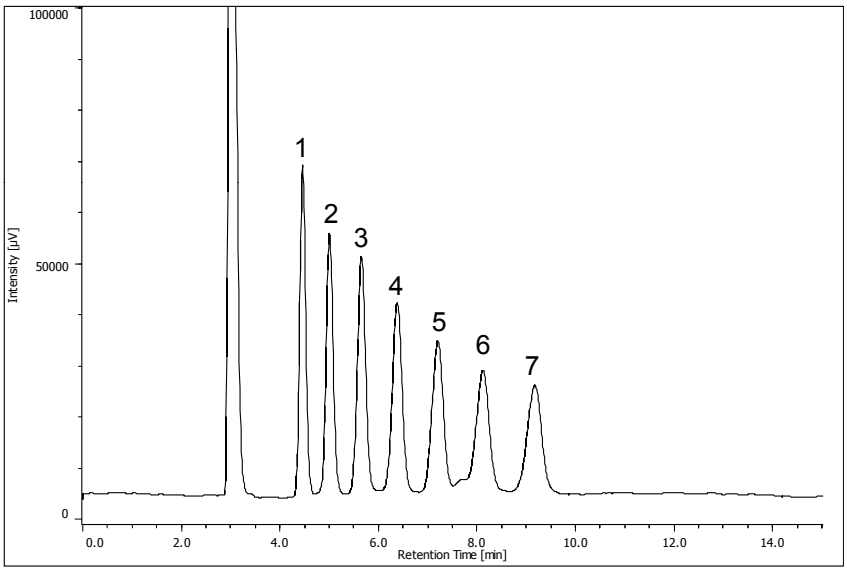

Fig.2 Analysis of Maltooligosaccharides

Conditions;

Column: Develosil ANIDIUS (4.6x250mm)
Mobile phase:Acetonitrile/Water=65/35
Flow rate:1.0ml/min
Temperature: 40℃
Detection: RI
Sample: Glucose,Maltose,Maltotriose, Maltotetraose,Maltopentaose maltohexaose,Maltoheptaose
Injection volume: 20uL
System: 日本分光製/ JASCO2000

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