糖類の分析

糖類の分析にはNH_2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。

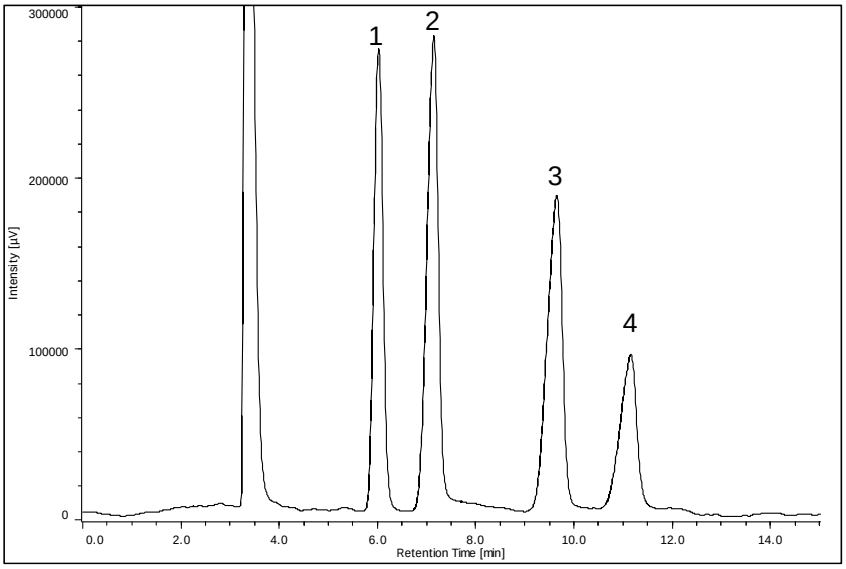

Fig.1　Analysis of Saccharides

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

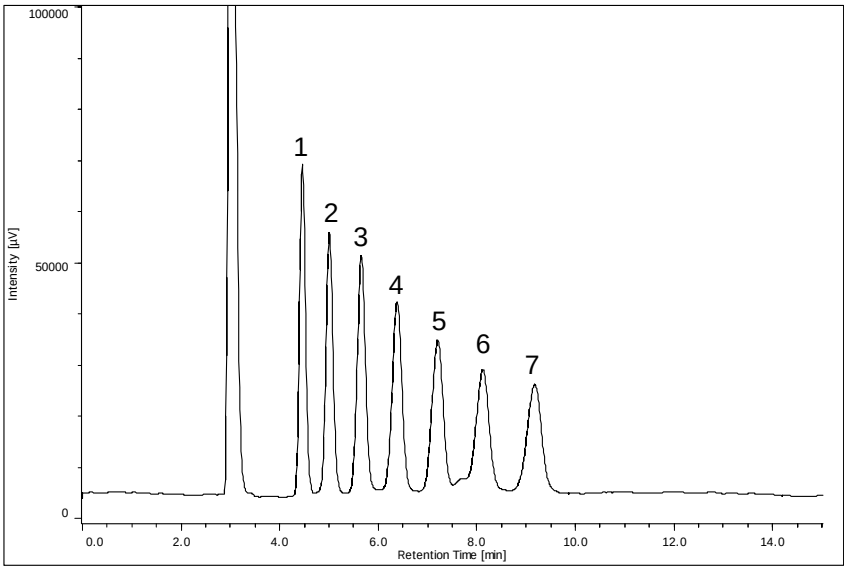

Fig.2　Analysis of Maltooligosaccharides

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