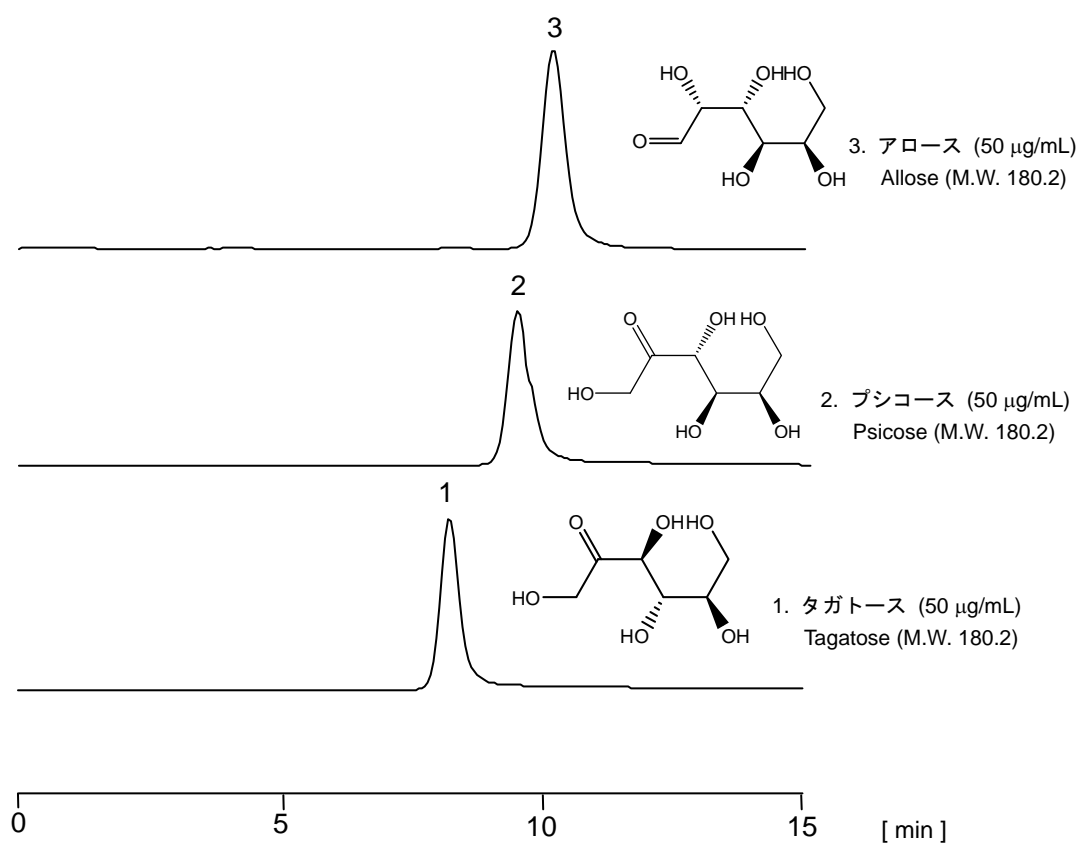


## 希少糖

## Rare sugars

希少糖の効能に関し様々な研究が行われています。ここでは3種の希少糖、タガトース、プシコース、及びアロースを糖分析用ポリマーカラム、SUCREBEAD II とパルス式電気化学検出器 (PAD) を組み合わせた手法にて分析した例を示します。

Functions of rare sugars are being studied in various research projects. Three of the rare sugars, tagatose, psicose, and allose, were analyzed with a combination of SUCREBEAD II, or a column specialized for sugar analysis, and a pulsed amperometric detector (PAD).



### 【HPLC Conditions】

Column	: SUCREBEAD II ; 2.0 mm i.d. x 250 mm
Mobile phase	: 300 mmol/L NaOH
Flow rate	: 150 $\mu\text{L/min}$
Temperature	: 15 $^{\circ}\text{C}$
Detection	: Pulsed amperometric detector (PAD)
Inj. vol.	: 1 $\mu\text{L}$
Sample dissolved in	: $\text{H}_2\text{O}$
	※ 1 $\mu\text{g/mL}$ = 1 ppm