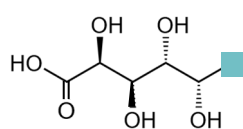
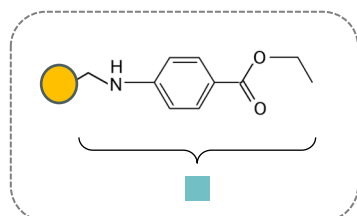
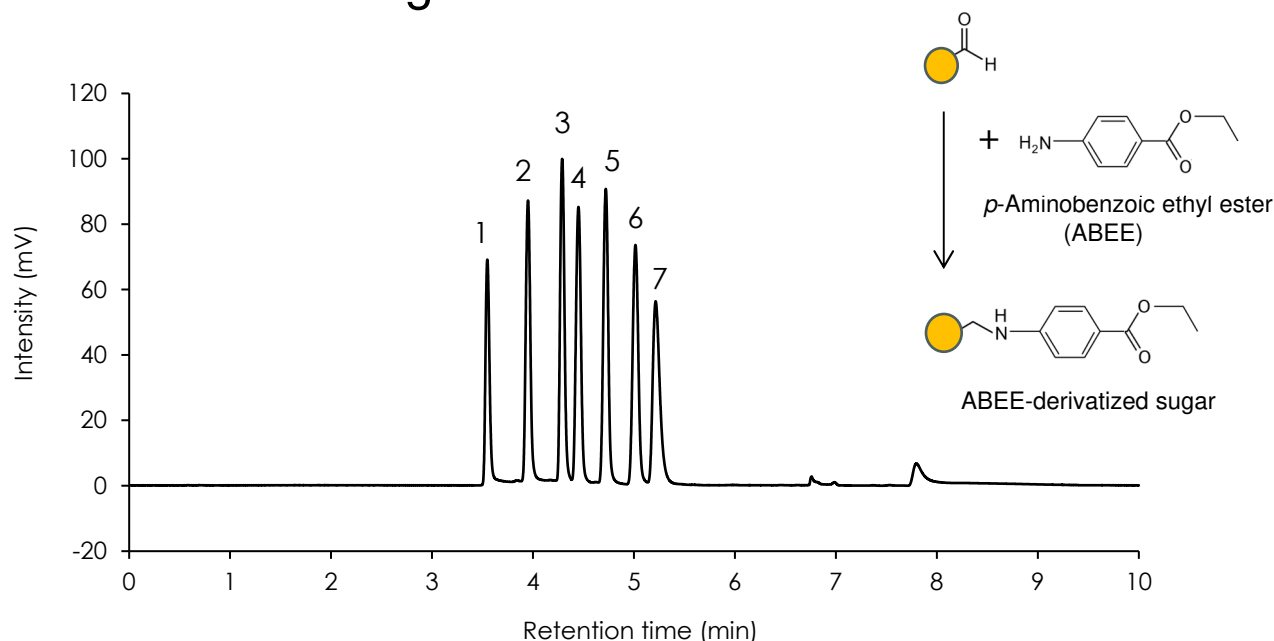


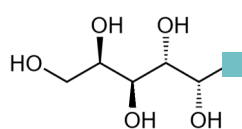
ABEE誘導体化糖の分離

SunBridge C18 1.8 μ m, 150 x 2.1 mm i.d.

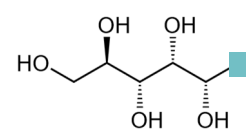
ABEE-derivatized sugars



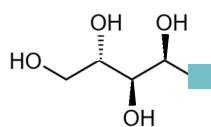
1. GalA



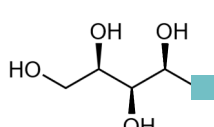
2. Gal



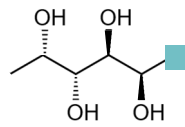
3. Glc



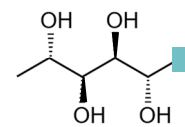
4. Ara



5. Xyl



6. Fuc



7. Rha

Column: SunBridge C18 1.8 μ m 150 x 2.1 mm

Mobile phase: [A] 200 mM Potassium borate buffer (pH 8.9)

[B] Acetonitrile

Gradient program: shown right

Flow rate: 0.55 mL / min, Temperature: 50 $^{\circ}$ C

Injection volume: 10 μ L

Detection: Fluorescence Ex 305 nm Em 360 nm

Instrument: Waters AcquityTM UPLC

Samples (ABEE-derivatized): 1 = D-Galacturonic acid (GalA), 2 = D-Galactose (Gal), 3 = D-Glucose (Glc),
4 = L-Arabinose (Ara), 5 = D-Xylose (Xyl), 6 = L-Fucose (Fuc), 7 = L-Rhamnose (Rha)

Time(min)	0	3.20	6.00	6.01	7.00	7.01
B Conc.	2	14	17	90	30	2

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