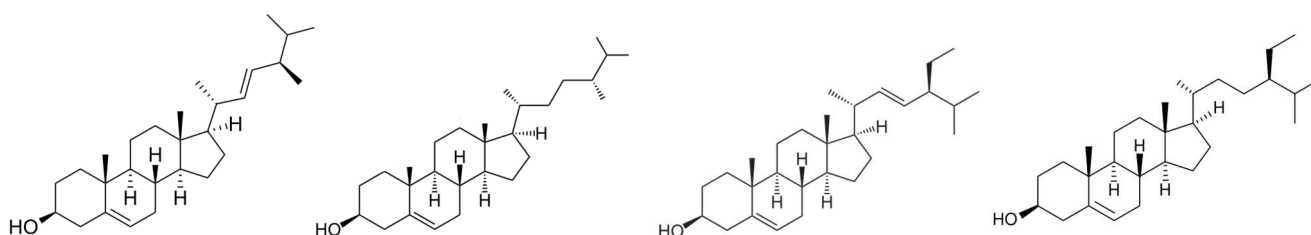
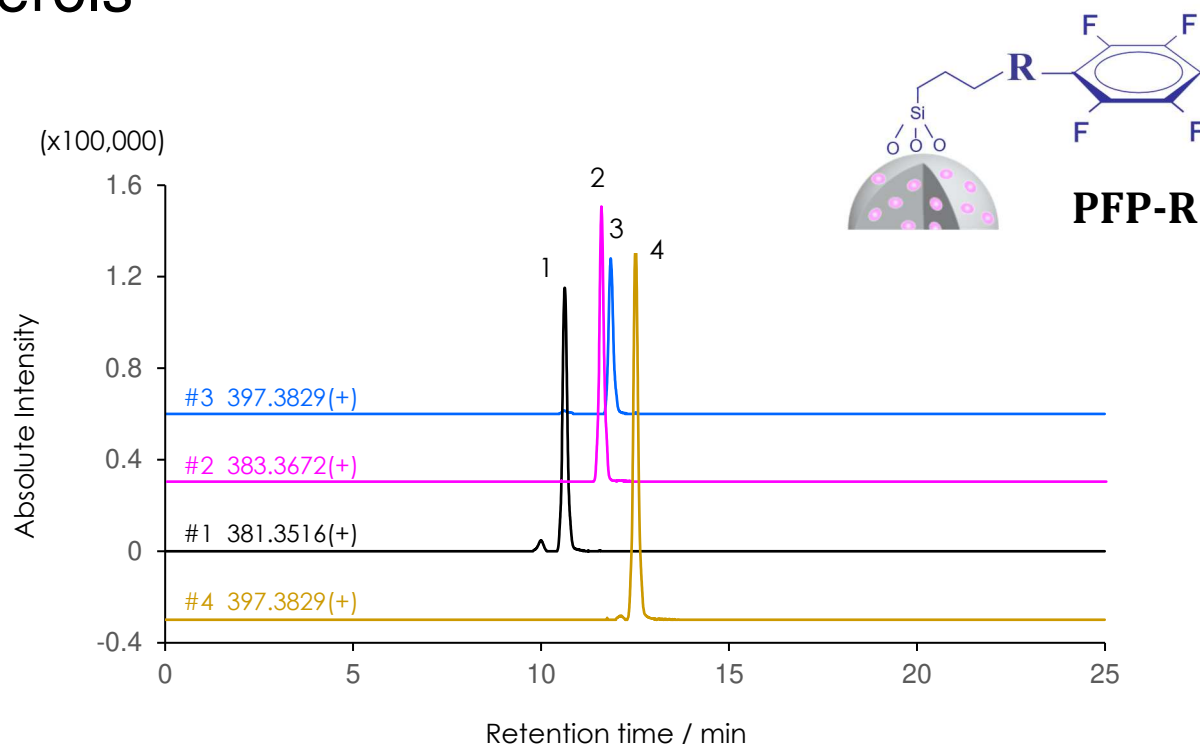


ステロール類の分離

SunBridge PFP-R 3 μ m, 150 x 2.1 mm i.d. PS inert

Sterols



1. Brassicasterol

2. Campesterol

3. Stigmasterol

4. β -Sitosterol

Column: SunBridge PFP-R 3 μ m, 150 x 2.1 mm PS inert *

Mobile phase: [A] 0.1% Formic acid in water [B] 0.1% Formic acid in water in Acetonitrile

Gradient program: shown right

Flow rate: 0.25 mL/min

Injection volume: 1 μ L, Temperature: 40 $^{\circ}$ C

Detection: MS ESI mode (+)

Instrument: Shimadzu LCMS-9050

Sample: 1 = Brassicasterol, 2 = Campesterol, 3 = Stigmasterol, 4 = β -Sitosterol

Time(min)	0	3.0	20.0	25.0	25.1
B Conc.	70	70	95	95	75

* PS inert is an inert column hardware option with a special surface that reduces metal adsorption.