

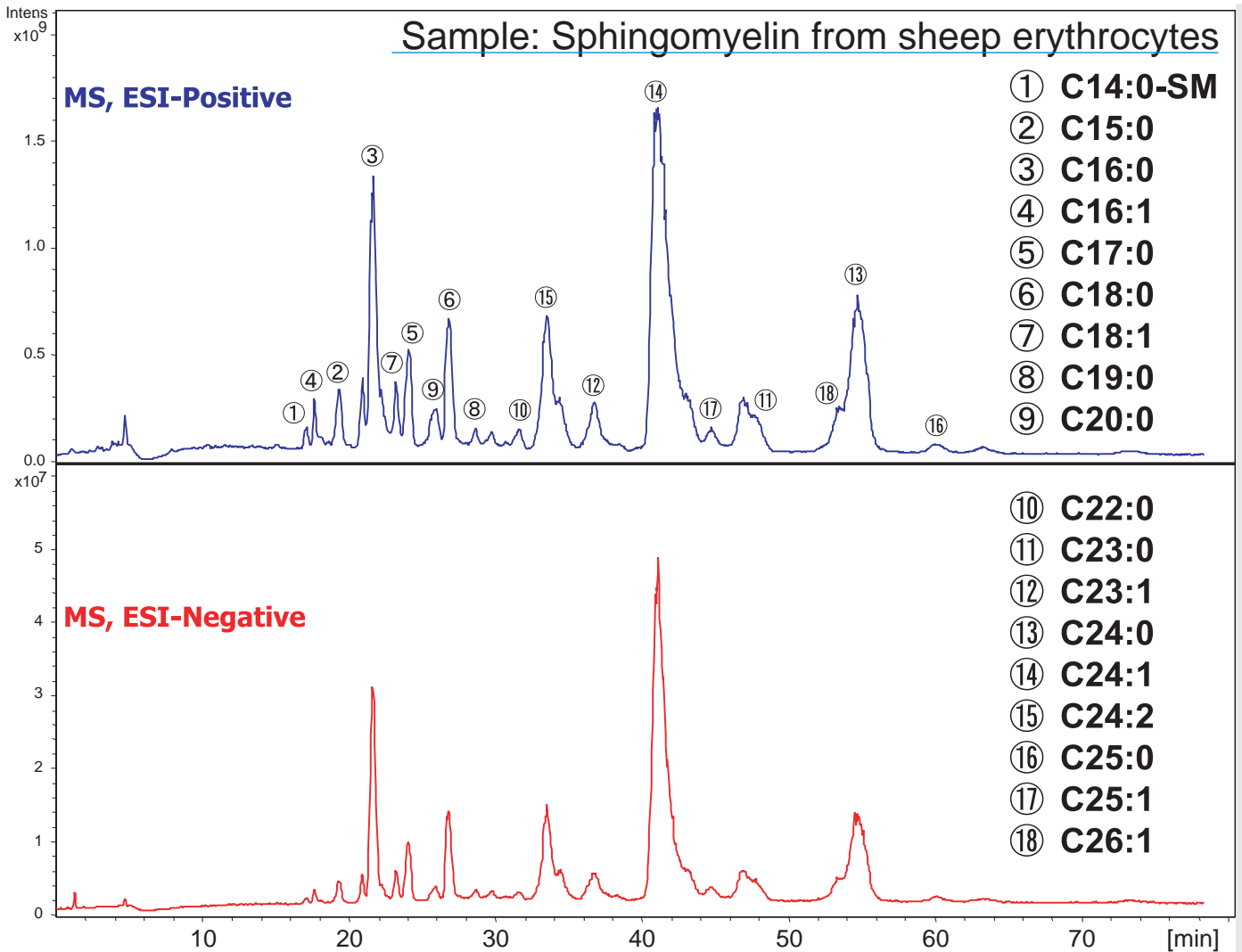
Cadenza CD-C18

150 x 2 mm

Application

Identification of sphingomyelin molecular species with LC-MS/MS

LC-MS/MSによるスフィンゴミエリンの分子種同定



Cadenza CD-C18, 150 x 2 mm

A) methanol / water = 1 / 1, B) methanol / acetonitrile = 1 / 2

containing 0.1% HCOOH and 0.1% NH4OH

0-10%B(0-10min), 10-50%B(10-20min), 50-100%B(20-30min), 100%B(30-120min)

0.2 mL/min

Ref.)

The relationship between the metabolism of sphingomyelin species and the hemolysis of sheep erythrocytes induced by *Clostridium perfringens* alpha-toxin.

Oda M, Matsuno T, Shiihara R, Ochi S, Yamauchi R, Saito Y, Imagawa H, Nagahama M, Nishizawa M, Sakurai J. J Lipid Res. 2008 May;49(5):1039-47

Courtesy of Dr. ODA Masataka, Tokushima Bunri University, JAPAN