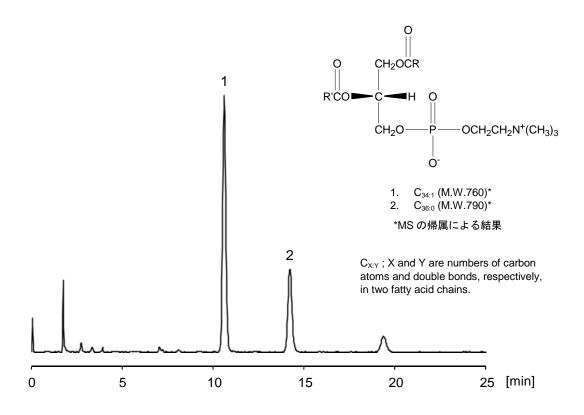
リン脂質 Phospholipid

リン脂質の一つである卵黄由来のホスファチジルコリン (水素添加) をサンプルとして、 検出器に NQAD、カラムには CAPCELL PAK  $C_{18}$  MGIII S5 (4.6 mm i.d. x 150 mm) を用い た逆相モードによる分析例を紹介します。 2 成分ともに良好なピーク形状で保持されてい ます。

Phosphatidylcholine of egg yolk is one of the phospholipids (hydrogenated). Its sample was analyzed with detector NQAD and a reverse phase column, CAPCELL PAK  $C_{18}$  MGIII S5 (4.6 mm id x 150 mm). The two components were well retained with excellent peak profile.



## [HPLC Conditions]

Column : CAPCELL PAK  $C_{18}$  MGIII S5 ; 4.6 mm i.d. x 150 mm Mobile phase :  $H_2O$  / TFA /  $CH_3OH$  / IPA = 1 / 0.1 / 45 / 50 / 5

Flow rate : 1 mL/min Temperature : 40 °C

Detection : NQAD (Evaporation 60 °C, Nebulizer 30 °C, Filter 5 sec)

Inj. vol. :  $10 \mu$ L

Sample dissolved in : Phosphatidylcholine was dissolved in chloroform and 2-propanol at 1 mg/mL, and then diluted to 100 μg/mL with

mobile phase.

 $\Re$  1  $\mu$ g/mL = 1 ppm