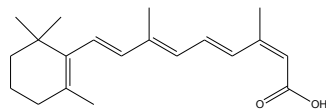
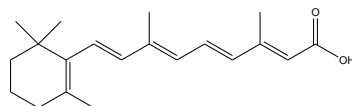


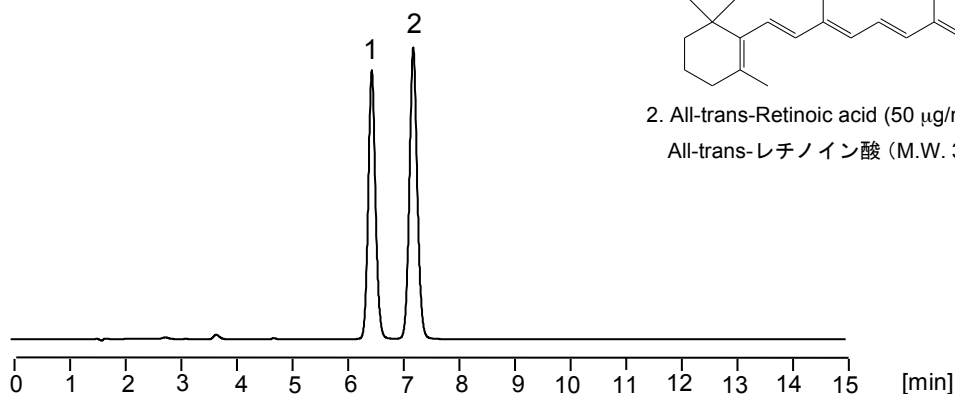
レチノイン酸の異性体を分析した例を示します。CAPCELL PAK C₁₈ MGII S3 を用いることで、All-trans レチノイン酸と 13-cis-レチノイン酸が良好に分離しています。



1. 13-cis-Retinoic acid (50 µg/mL)
13-cis-レチノイン酸 (M.W. 300.4)



2. All-trans-Retinoic acid (50 µg/mL)
All-trans-レチノイン酸 (M.W. 300.4)



【HPLC Conditions】

Column	: CAPCELL PAK C ₁₈ MGII S3 ; 2.0 mm i.d. x 150 mm
Mobile phase	: 0.1 vol% HCOOH / CH ₃ OH = 10 / 90
Flow rate	: 200 µL/min
Temperature	: 40 °C
Detection	: PDA 350 nm
Inj. vol.	: 1 µL
Sample dissolved in	: Standard compounds were dissolved in ethanol at 1 mg/mL. and then, diluted with CH ₃ CN.