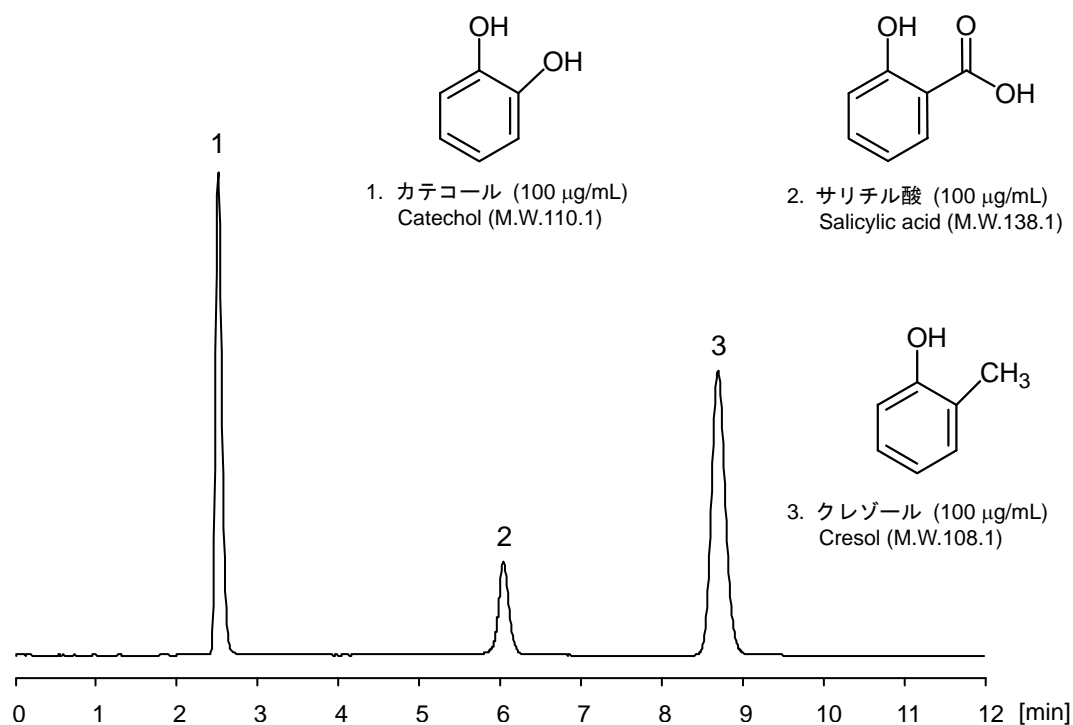


フェノール構造を有する3種の物質、カテコール、サリチル酸、及びクレゾールをCAPCELL CORE ADME S2.7 (2.1 mm i.d. x 100 mm) を用い分離しました。配位性を持つカテコール、サリチル酸も良好なピーク形状を示しました。

Catechol, salicylic acid, and cresol, the three compounds sharing a phenol structure, were separated with CAPCELL CORE ADME S2.7 (2.1 mm i.d. x 100 mm). While catechol and salicylic acid possess a coordinating moiety, both of them showed a good peak shape with the column.



#### 【HPLC Conditions】

Column	: CAPCELL CORE ADME S2.7 ; 2.1 mm i.d. x 100 mm
Mobile phase	: 0.1 vol% HCOOH / CH <sub>3</sub> CN = 80 / 20
Flow rate	: 200 µL/min
Temperature	: 40 °C
Detection	: PDA 275 nm
Inj. vol.	: 1 µL
Sample dissolved in	: Each standard was dissolved in 50%CH <sub>3</sub> CN at 1 mg/mL. An equivolume mixture of all the solutions was diluted with H <sub>2</sub> O, so that concentration of each compound was 100 µg/mL.
	※ 1 µg/mL = 1 ppm