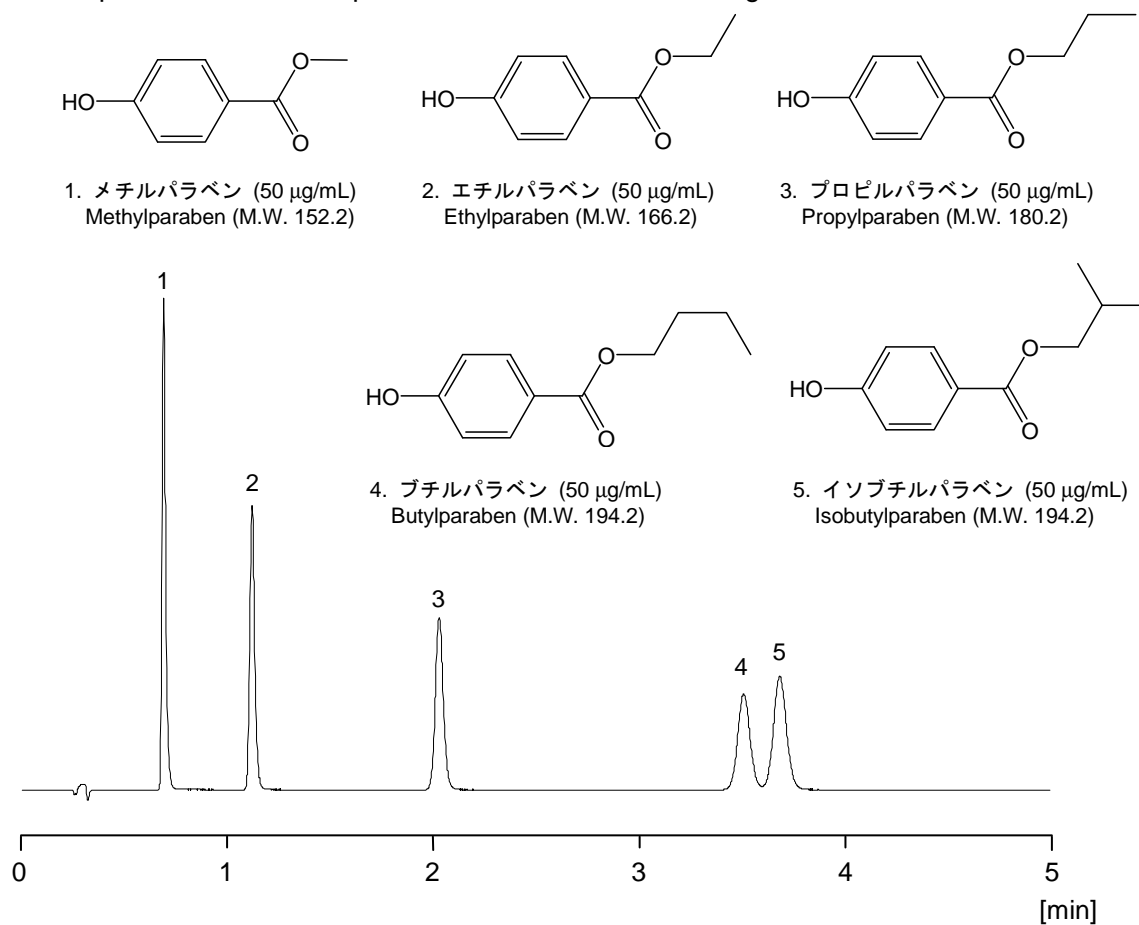


パラベンは化粧品・食品・医薬品等に使用される防腐剤です。CAPCELL CORE C<sub>18</sub> S2.7 を用いて、5種類のパラベンを分離した例を示します。グラジエント条件により5分以内に良好な分離が得られました。

Parabens (alkyl *p*-hydroxybenzoate) are used for preserving food and pharmaceuticals. Here is the separation of five parabens obtained with CAPCELL CORE C<sub>18</sub> S2.7. The five compounds were well separated within five minutes in a gradient elution.



【HPLC Conditions】

Column	: CAPCELL CORE C <sub>18</sub> S2.7 ; 2.1 mm i.d. x 50 mm
Mobile phase	: A) H <sub>2</sub> O    B) CH <sub>3</sub> CN B 30 %(0 min) → 35 %(4.5 min) → 30 %(4.6 min) Gradient
Flow rate	: 400 µL / min
Temperature	: 40 °C
Detection	: UV 254 nm
Inj. vol.	: 3 µL
Sample dissolved in	: Each compound was separately dissolved at 1 mg/mL in acetonitrile and diluted to 50 µg/mL with water. ※ 1 µg/mL = 1 ppm