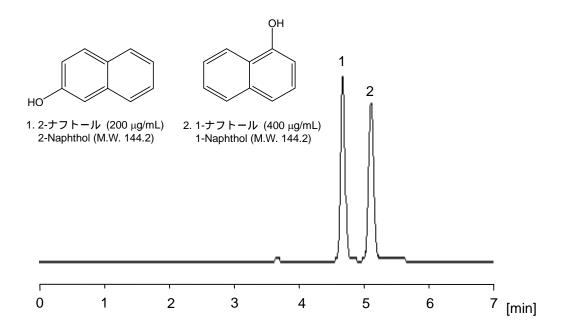
ナフトール類 Naphthols

ナフトールは,ナフタレンに 1 つのヒドロキシ基をもつ化合物で,染料の原料に多く使用されます.カラムは CAPCELL PAK  $C_{18}$  MGII S5 ( 4.6 mm i.d. x 250 mm )を用いました.ナフトールの異性体について,短時間で良好な分離が得られました.

Naphthols, the compounds having naphthalene structure with one of hydrogen atoms substituted by a hydroxyl group, are used for production of dyes. CAPCELL PAK  $C_{18}$  MGII S5 (4.6 mm i.d. x 250 mm) could separate two positional isomers rapidly.



## [ HPLC Conditions ]

Column : CAPCELL PAK C<sub>18</sub> MGII S5 ; 4.6 mm i.d. x 250 mm

Mobile phase :  $H_2O / CH_3CN = 40 / 60$ 

Flow rate : 1 mL/min
Temperature : 40 °C
Detection : PDA 254 nm

Inj. vol. :  $2 \mu L$ 

Sample dissolved in : Mobile phase