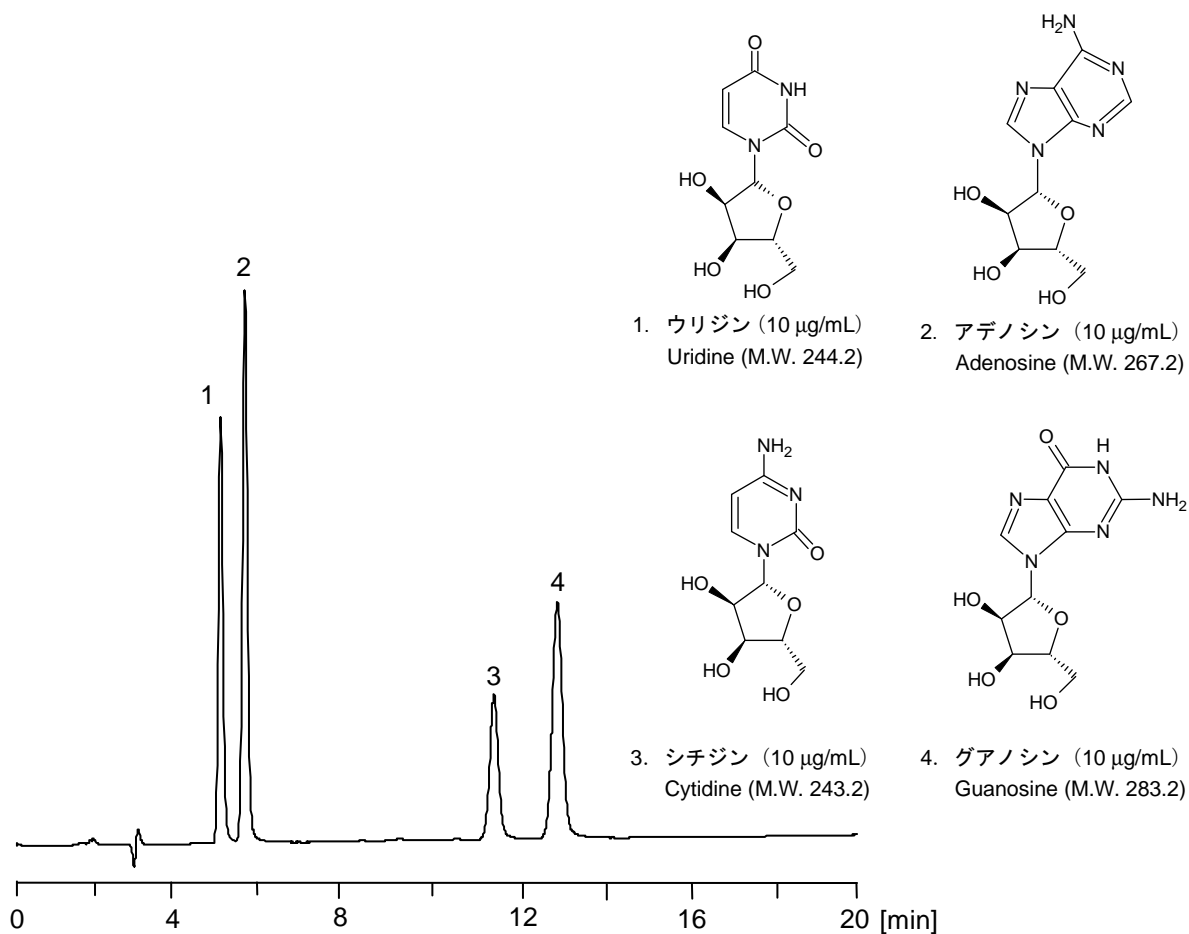


## ヌクレオシド

## Nucleosides

ヌクレオシドは核酸塩基と糖（デオキシリボースやリボース）が結合したものです。親水性相互作用クロマトグラフィーのカラム, PC HILIC はヌクレオシド 4 種を 15 分以内で良好に分離しました。

Nucleoside consists of nucleic acid base and ribose (or, deoxyribose), covalently linked together. PC HILIC, a column of hydrophilic interaction chromatography (HILIC), could separate four nucleosides efficiently within 15 minutes.



### 【HPLC Conditions】

Column : PC HILIC S3 ; 2.0 mm i.d. x 150 mm  
Mobile phase : Ammonium formate was added to a solution (H<sub>2</sub>O / CH<sub>3</sub>CN = 10 / 90) at 10 mmol/L.  
Flow rate : 200 µL/min  
Temperature : 40 °C  
Detection : UV 254 nm  
Inj. vol. : 1 µL  
Sample dissolved in : Mobile phase  
※ 1 µg/mL = 1 ppm