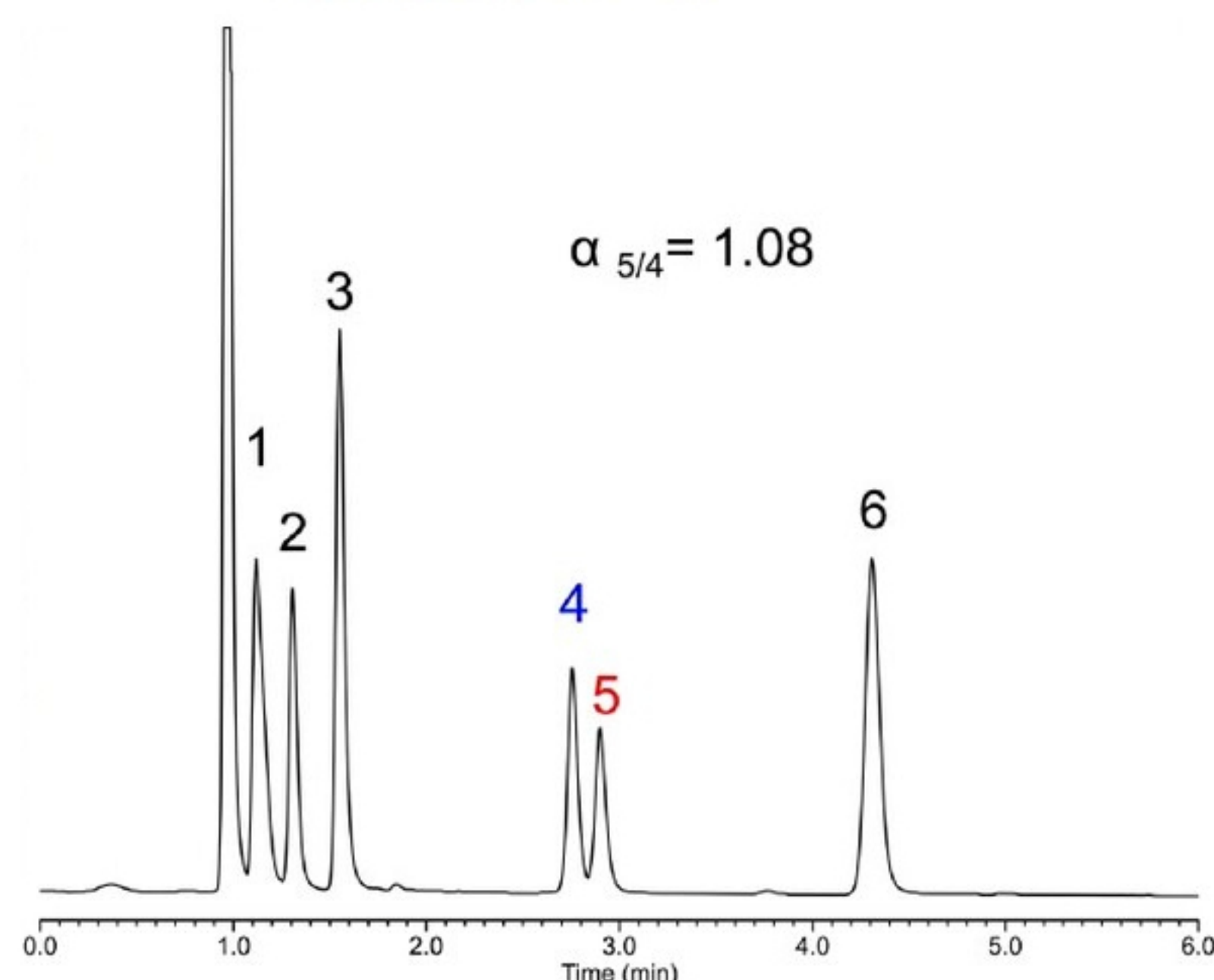


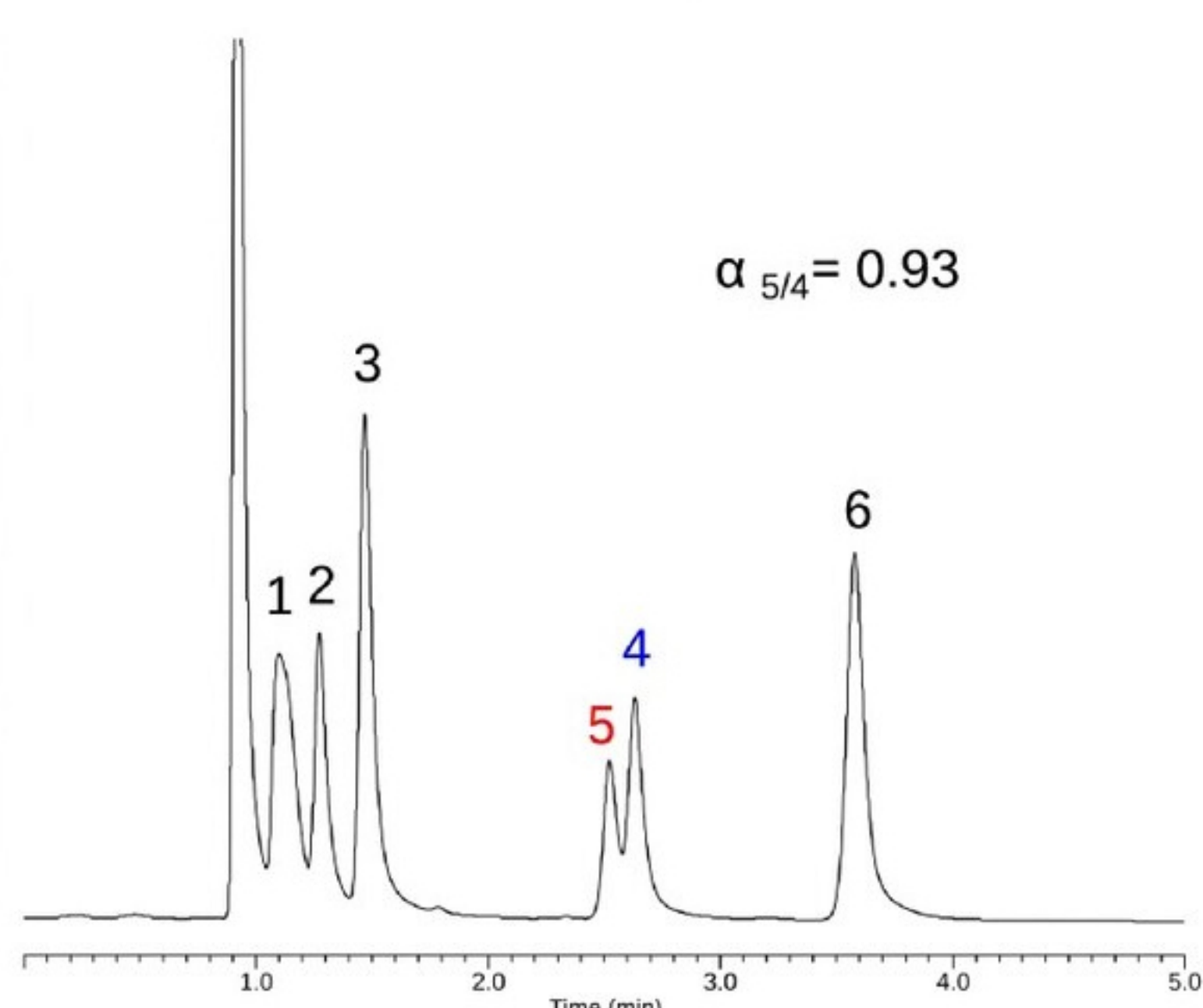
水素結合、電子吸引性比較

InertCore Plus C18、InertCore Biphenylとは異なり、InertCore PFP は電子吸引性が高くなるためニトリル基の保持が強くなる傾向があります。

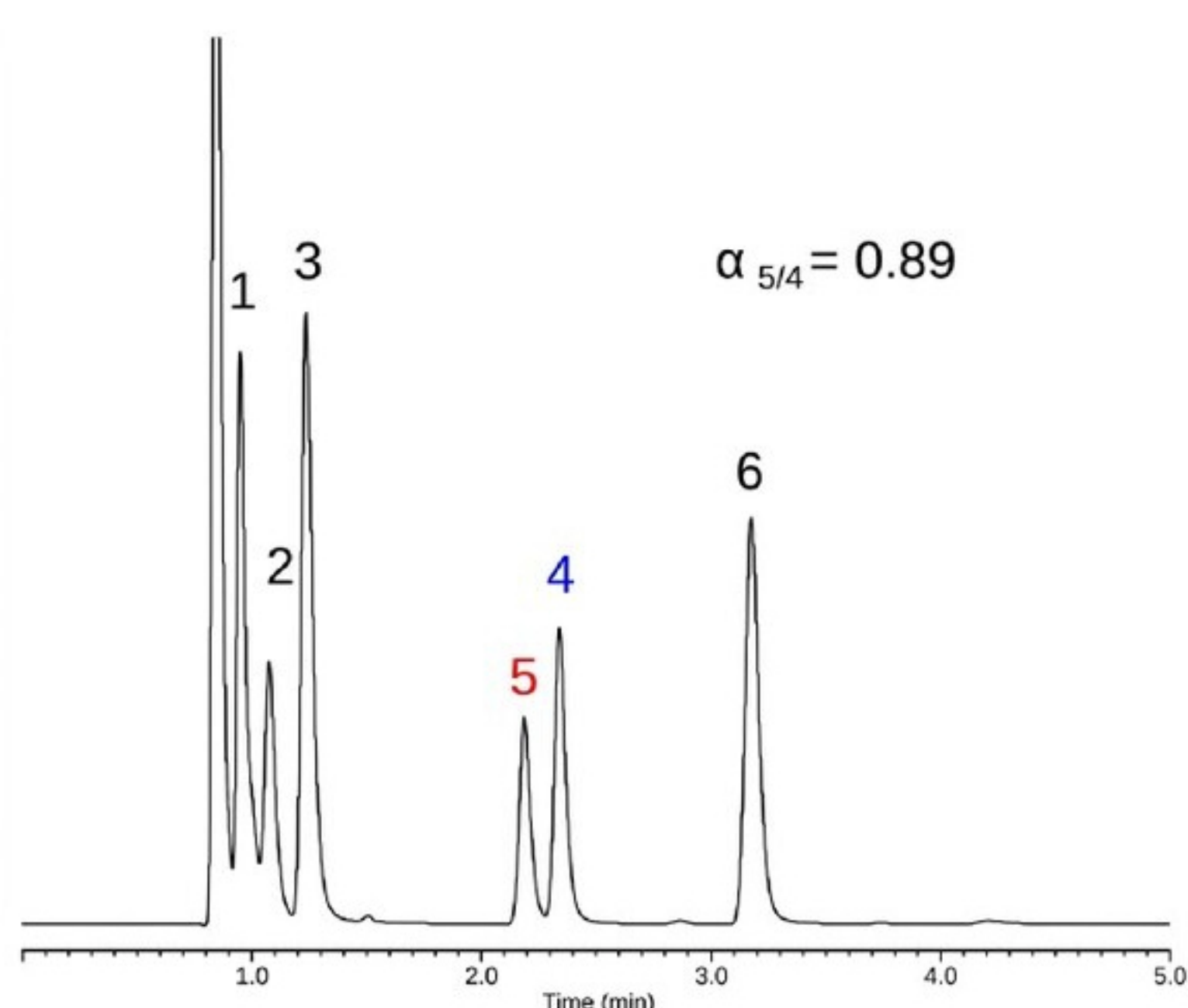
InertCore PFP



InertCore Biphenyl



InertCore Plus C18



Eluent : A) CH₃CN
B) 0.1% H₃PO₄
A/B = 25/75, v/v
Flow Rate : 0.2 mL/min
Col. Temp. : 40 °C
Detection : UV 280 nm
Sample : 1. 4-Hydroxybenzamide
2. Hydroquinone
3. 4-Hydroxybenzoic acid
4. Phenol
5. 4-Hydroxybenzonitril
6. *p*-Nitrophenol

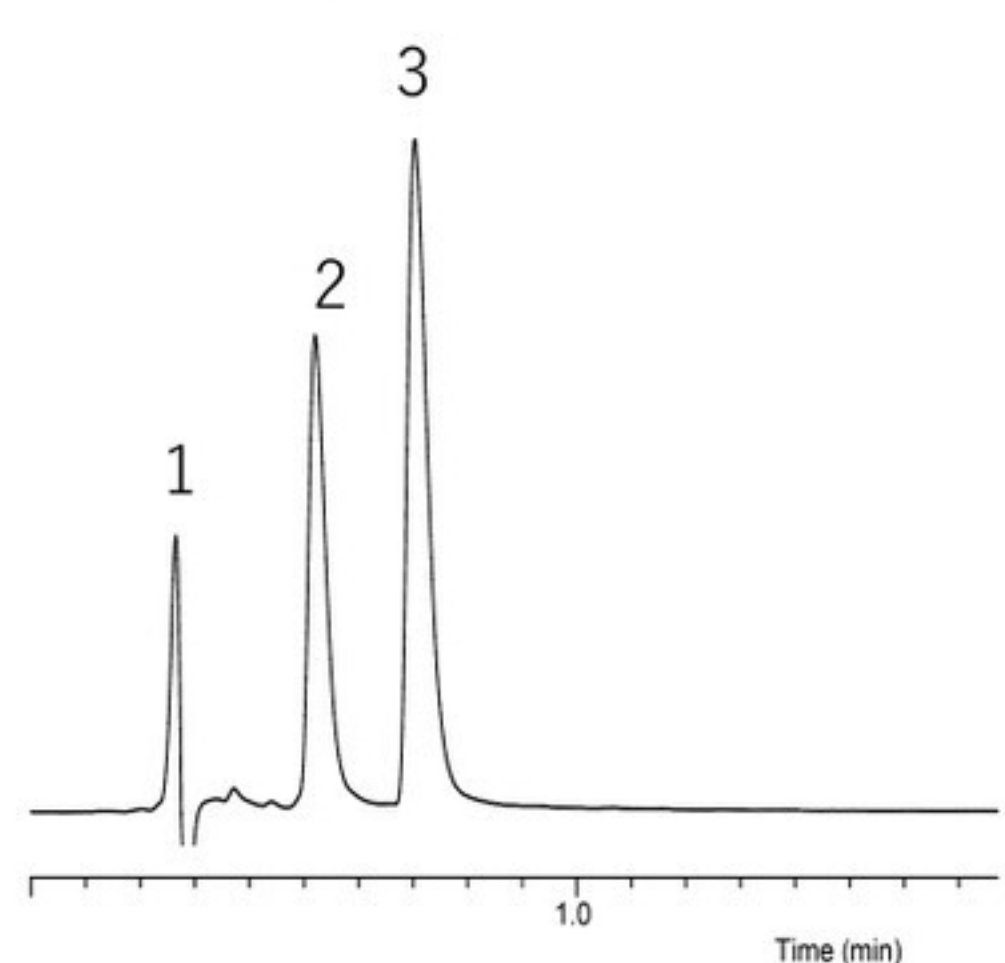
InertCore PFPアプリケーション

医薬品の分析

InertCore PFPはInertSustain PFPや極性保持に寄りのPFP特有の塩基性保持能はなく、塩基性成分を容易に溶出できます。

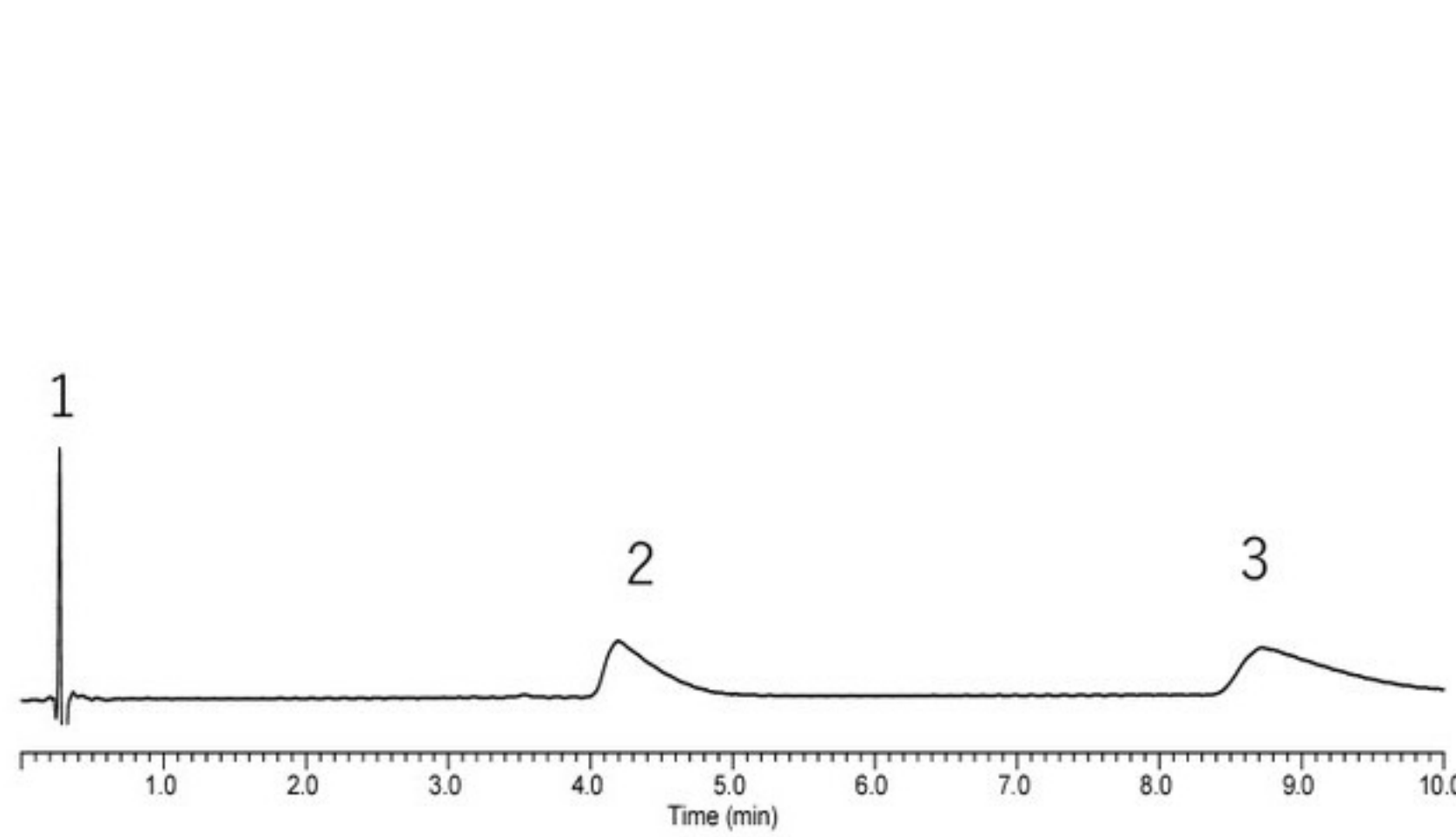
InertCore PFP

(粒子径2.6 μm)



他社コアシェルカラム

(粒子径2.7 μm)



Column : 50 × 2.1 mm I.D.
Eluent : A) 0.1% HCOOH in CH₃CN
B) 10 mM HCOONH₄ + 0.1 % HCOOH in H₂O
A/B = 40/60, v/v
Flow Rate : 0.4 mL/min
Col. Temp. : 40 °C
Detection : UV 230 nm
Sample : 1. Uracil
2. Dextromethorphan
3. Berberine