

生薬の分析 (6) – 杏仁・桃仁 – SunBridge C18 5 μ m, 150 x 4.6 mm i.d.

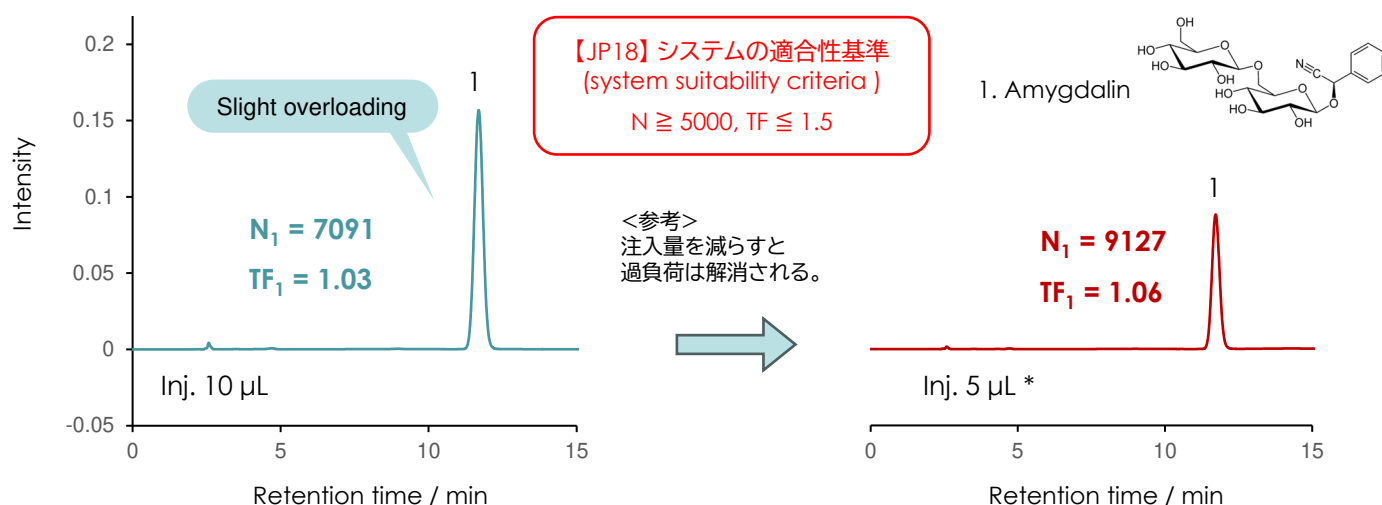
Crude Drugs and Related Drugs (6) - Apricot / Peach Kernel -

○標準溶液：アミグダリン 0.2 mg/mL (in 50% MeOH)

Standard solution: Amygdalin

N: 理論段数

TF: テーリング係数, シンメトリー係数

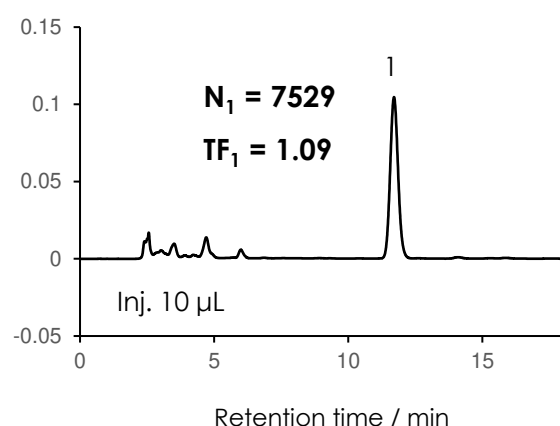
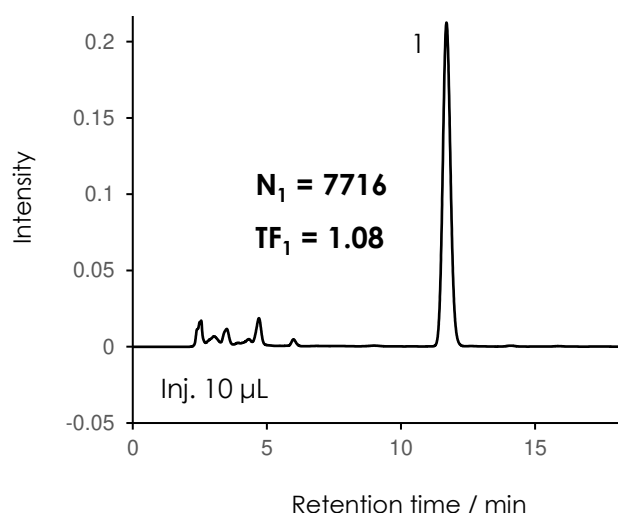


●試料溶液：日局キョウニン 0.5 g/100 mL

Sample solution: Apricot Kernel (JP) (in 50% MeOH)

●試料溶液：日局トウニン 0.5 g/100 mL

Sample solution: Peach Kernel (JP) (in 50% MeOH)



Column: SunBridge C18 5 μ m, 150 x 4.6 mm
Mobile phase: 50 mM Sodium Dihydrogen Phosphate in water / Acetonitrile = 5 / 1
Flow rate: 0.710 mL/min* (アミグダリンの保持時間: 約12分)
Injection volume: 10 μ L / 5 μ L*, Temperature: 45 $^{\circ}$ C

* 試料有機溶媒の比率・注入量・流量は、日局と異なる。

Detection: UV@210 nm (PDA)
Instrument: Waters Acquity UPLC H-Class
Sample: 1 = Amygdalin