

生薬の分析 (2) – 山茱萸 –

SunBridge C18 5 μ m, 150 x 4.6 mm i.d.

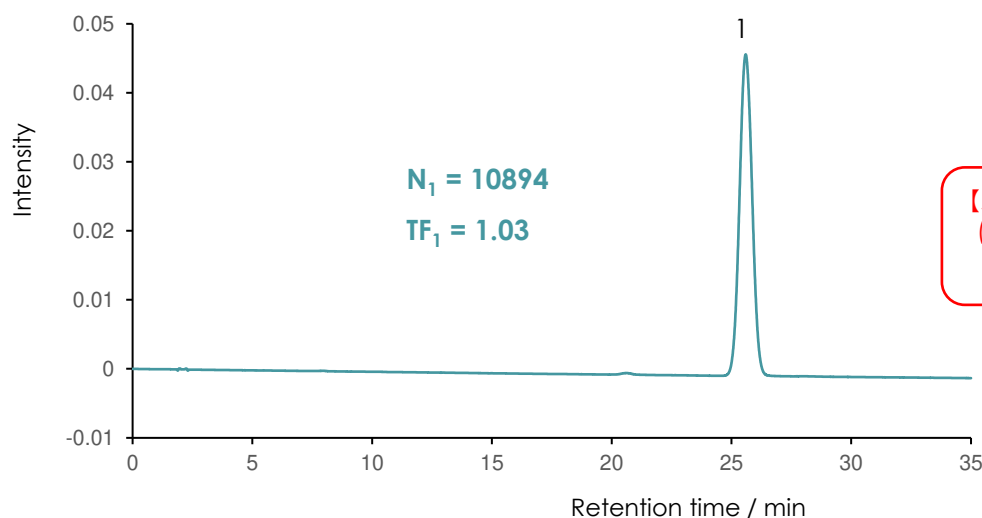
Crude Drugs and Related Drugs (2) - Cornus Fruit -

○標準溶液：ロガニン 0.1 mg/mL (in 20% MeOH*)

Standard solution: Loganin

N: 理論段数

TF: テーリング係数、シンメトリー係数

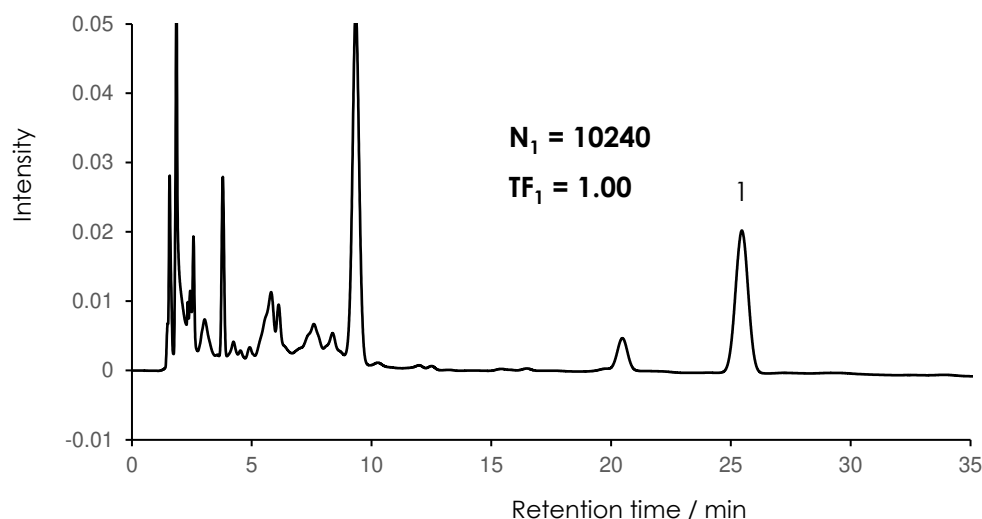


【JP18】システムの適合性基準
(system suitability criteria)

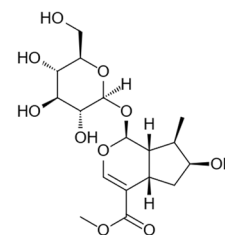
$N \geq 5000$, $TF \leq 1.5$

●試料溶液：日局サンシュユ 1 g/100 mL (in 50% MeOH)

Sample solution: Cornus Fruit (JP)



1. Loganin



Column: SunBridge C18 5 μ m, 150 x 4.6 mm

Mobile phase:

Water / Acetonitrile / Methanol = 55 / 4 / 1

Flow rate: 1.000 mL/min (ロガニンの保持時間: 約25分)

Injection volume: 10 μ L, Temperature: 50 $^{\circ}$ C

*試料有機溶媒の比率は、日局と異なる。

Detection: UV@238 nm (PDA)

Instrument: Waters Acquity UPLC H-Class

Sample: 1 = Loganin