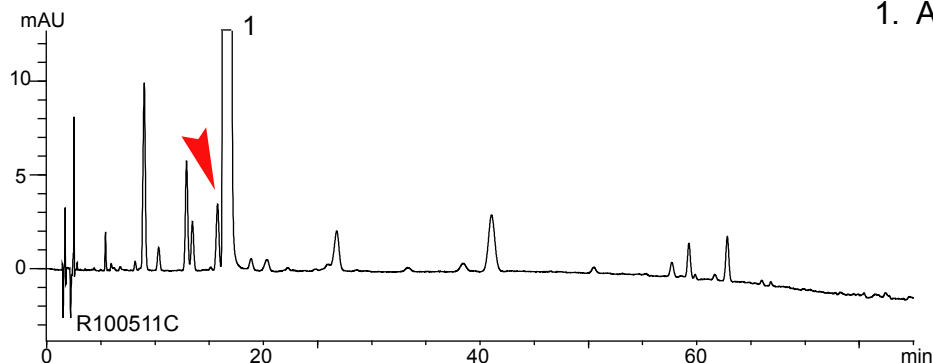


アトルバスタチンカルシウム水和物 (日本薬局方収載原案記載条件; 純度試験)
- 各種C18カラムとの比較 -

R100507A

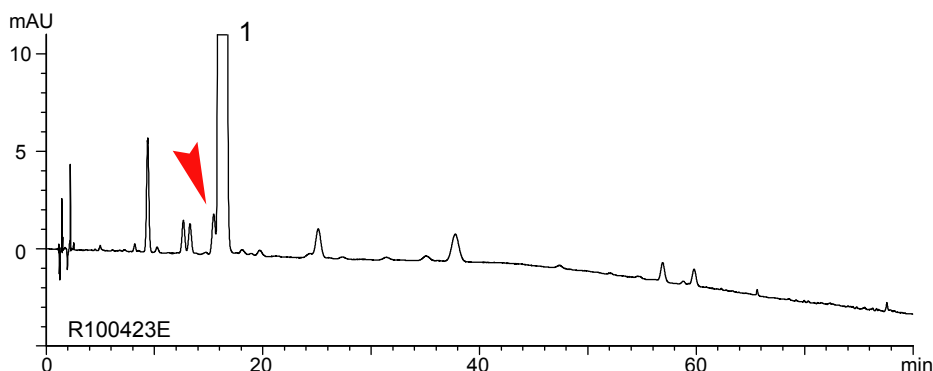
YMC-Pack Pro C18 RS

1. Atorvastatin calcium hydrate



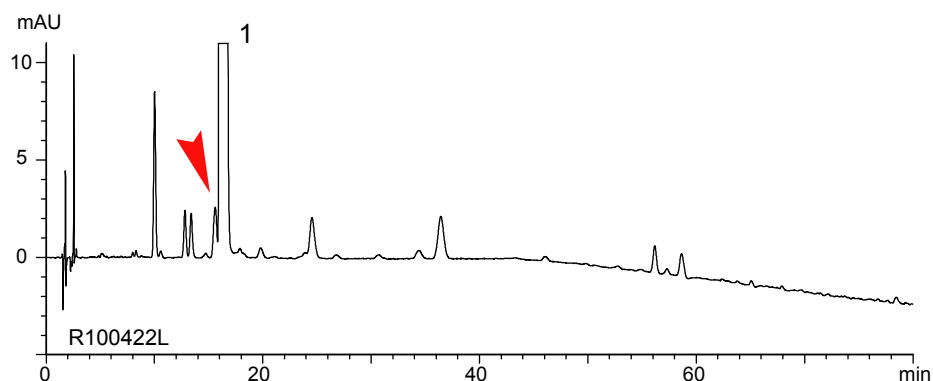
1.3 mL/min
17.2-15.3 MPa

YMC-Triart C18



1.7 mL/min
18.2-15.8 MPa

YMC-Pack ODS-A



1.4 mL/min
20.5-18.1 MPa

Column : 250 X 4.6 mm I.D. (5 μm)
 Eluent : A) citric acid buffer[※]/acetonitrile/THF (40/10/10)
 B) acetonitrile/THF (1/1)
 7%B (0-40 min), 7-40%B (40-80 min)
[※]Dissolve 10.5 g citric acid monohydrate in 900 mL water
 → adjust pH 5.0 by 28% ammonia → add water to make 1000 mL
 Temperature : 40°C
 Detection : UV at 254 nm
 Injection : 20 μL (1.0 mg/mL)

(日本薬局方収載原案記載条件; 純度試験)