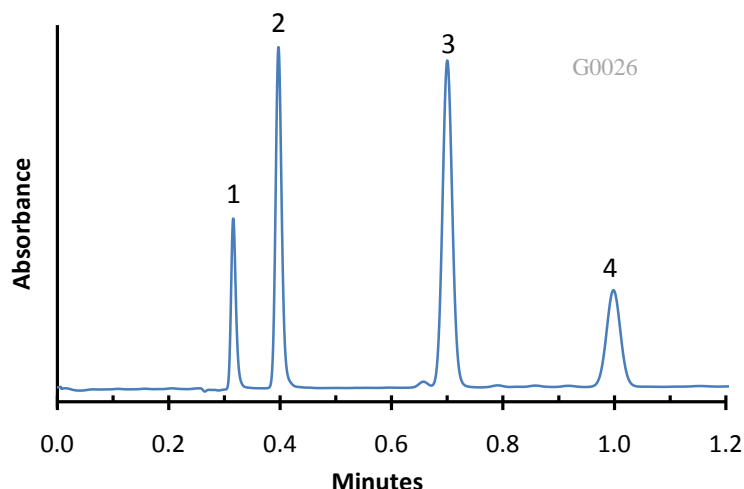


Application Note: 043-ST

Separation of Statin Drugs on HALO C8



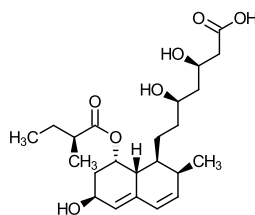
PEAK IDENTITIES:

1. Pravastatin
2. Atorvastatin
3. Mevastatin
4. Simvastatin

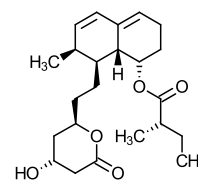
TEST CONDITIONS:

Column: 4.6 x 50 mm, HALO C8
 Part Number: 92814-408
 Mobile Phase: 20/80: A/B
 A= 0.02 M formic acid in water
 B= 0.02 M formic acid in methanol
 Flow Rate: 2.0 mL/min.
 Pressure: 240 Bar
 Temperature: 30°C
 Detection: UV 240 nm, VWD
 Injection Volume: 1.0 µL
 Sample Solvent: mobile phase
 Response Time: 0.02 sec.
 Flow Cell: 2.5 µL semi-micro
 LC System: Shimadzu Prominence UFLC XR
 ECV: ~14 µL

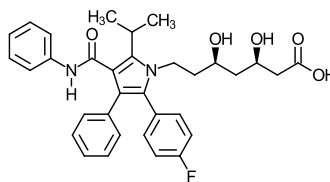
STRUCTURES:



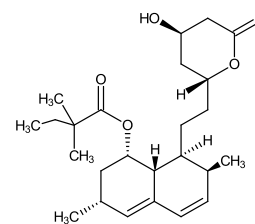
Pravastatin



Mevastatin



Atorvastatin



Simvastatin

The statin drugs can be rapidly separated using short HALO C8 columns.