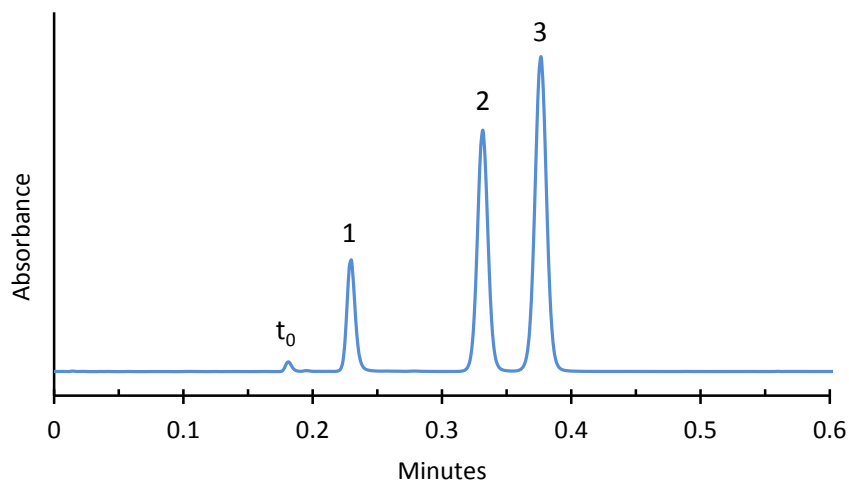


Application Note: 29-P

Rapid Isocratic Separation of Fibrates on HALO RP-Amide Phase



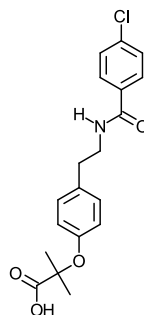
PEAK IDENTITIES:

1. Bezafibrate
2. Gemfibrozil
3. Fenofibrate

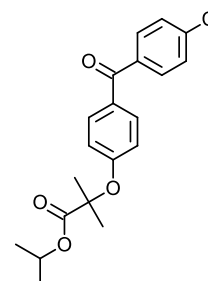
TEST CONDITIONS:

Column: 4.6 x 50 mm, HALO RP-Amide
Part Number: 92814-407
Mobile Phase: 20/80-A/B
A= 0.02 M Phosphate buffer, pH=3.0
B=Acetonitrile
Flow Rate: 2.5 mL/min.
Pressure: 135 Bar
Temperature: 45 °C
Detection: UV 220 nm, VWD
Injection Volume: 0.3 µL
Sample Solvent: 50/50-methanol/acetonitrile
Response Time: 0.02 sec.
Flow Cell: 2.5 µL semi-micro
LC System: Shimadzu Prominence UFLC XR
Extra column volume: ~14 µL

STRUCTURES:

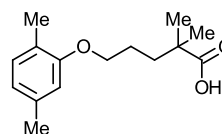


Bezafibrate



Fenofibrate

Fibrates are a class of cholesterol lowering drugs that can be rapidly analyzed using Halo RP-Amide phase to obtain well separated peaks in under 25 seconds



Gemfibrozil