

New

HPLC · SMB · Osmometry



Separation of DMB-labeled Sialic Acids I VBS0022J

► Bioanalytical application

Column: Bluespher 100-2 C18, 100 x 2 mm

Eluent: A: Water:ACN:MeOH
92/4/4 (v/v/v) + 0.1 % TFA
B: Water:ACN:MeOH
10/45/45 (v/v/v) + 0.1 % TFA

Gradient: 0.0 – 0.3 min 0 % B
0.3 – 3.0 min 0 - 5 % B
3.0 – 3.75 min 5 – 9 % B
3.75 – 4.5 min 9 – 15 % B
4.5 – 5.25 min 15 – 100 % B

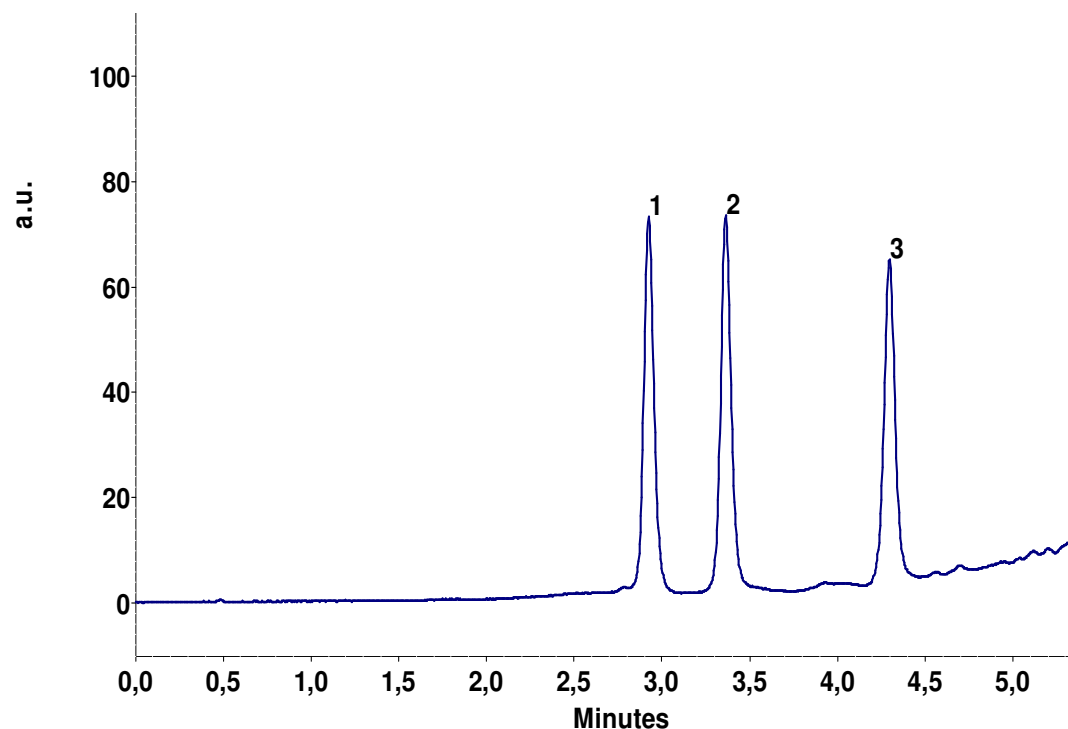
Flow: 0.8 ml/min

Temp.: 45°C

Volume: 1 µl (0.17 ng/µl)

Detection: Fluorescence RF20AXs
Ex: 372 nm, Em 456 nm

- 1 KDN (Ketodeoxynonulosonic acid)
- 2 Neu5Gc (*N*-Glycolylneuramic acid)
- 3 Neu5Ac (*N*-Acetylneuraminic acid)



Column Order No. 10BE181BSF