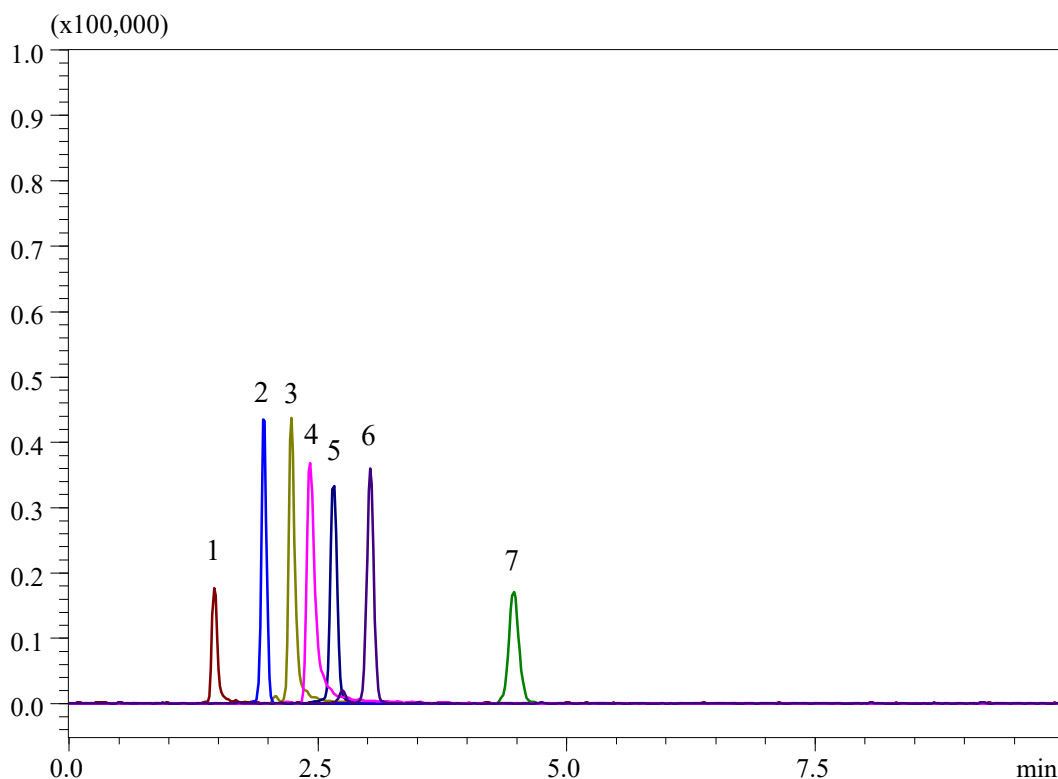


InertSearch for LC

Inertsil Applications

Analysis of Phospholipids

Data No. LB817- 0776



Conditions

System : Nexera HPLC system (Shimadzu)
LCMS-8030 Plus (Shimadzu)

Column : IM Column InertSustainSwift C18
(GL Sciences Inc.)
(3 μ m, 150 x 2.1 mm I.D.)

Column Cat. No. : 5020-32017

Eluent : 5 mM HCOONH₄ in CH₃OH

Flow Rate : 0.3 mL/min

Col. Temp. : 40 °C

Detection : MS/MS
(ESI, Positive, SRM)

Analyte:

	Q1/Q3	
1. Lysophosphatidic acid	789.50 /184.00	500 μ g/L
2. Phosphatidylinosito	1791.40 /606.35	100 μ g/L
3. Phosphatidic acid	853.40 /576.25	100 μ g/L
4. Phosphatidylserine	439.20 /155.00	100 μ g/L
5. Phosphatidylethanolamine	1467.90/599.35	100 μ g/L
6. Phosphatidylcoline	769.40 /628.25	50 μ g/L
7. Cardiolipin	693.25 /578.25	500 μ g/L

Nebulizing gas flow	Heating gas flow	Interface temperature	DL temperature	Heat block temperature	Drying gas flow
2 L/min	15 L/min	300 °C	250 °C	400 °C	15 L/min

Injection Vol. : 1 μ L
Sample : Standard