

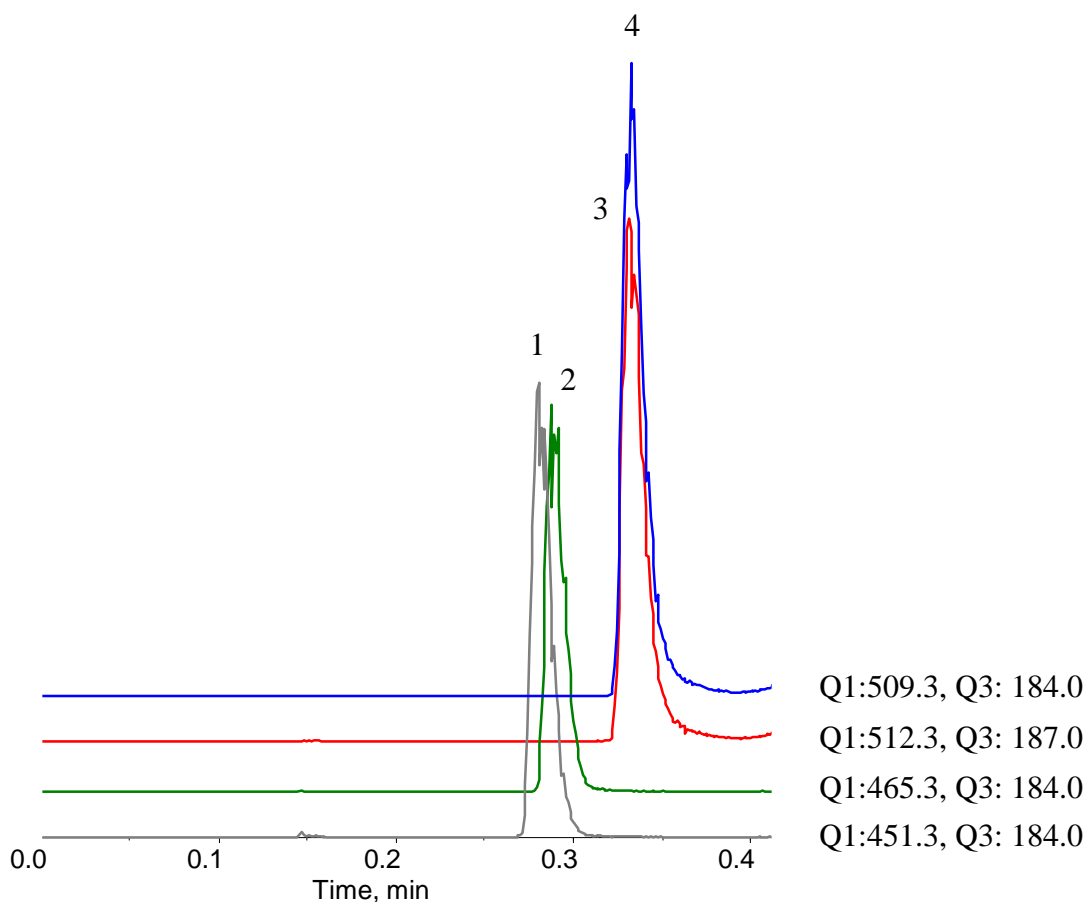
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Analysis of Phospholipids

Data No. LL035-0000

The chromatograms were provided by Anna Iwahori, Masamitsu Maekawa, and Nariyasu Mano, Department of Pharmaceutical Sciences, Tohoku University Hospital, 1-1 Seiryomachi, Aoba-ku, Sendai, Miyagi, 980-8574, Japan



Conditions

Column : MonoSelect C18 for HTS (10 x 2.1 mm I.D.)
Column Cat. No. : 5020-10810
Eluent : A) CH₃CN/Acetone/HCOOH = 50/50/0.1, v/v/v
B) 0.1% HCOOH in H₂O

Time(min)	A(vol%)	B(vol%)
0.0	5	95
0.2	100	0
0.4	100	0

Flow rate : 1.0 mL/min
Col. Temp. : 40 °C
Detection : MS/MS (ESI, Positive, MRM)
Injection Vol. : 1 μL
Sample : Standard (100 ng/mL each)

Analyte:

1. Lysosphingomyelin (d17:1)
(Nor-Sphingosylphosphorylcholine)
2. Lysosphingomyelin (d18:1)
(Sphingosylphosphorylcholine)
3. N-Palmitoyl-O-phosphocholine-serine-²H₃
4. N-Palmitoyl-O-phosphocholine-serine