

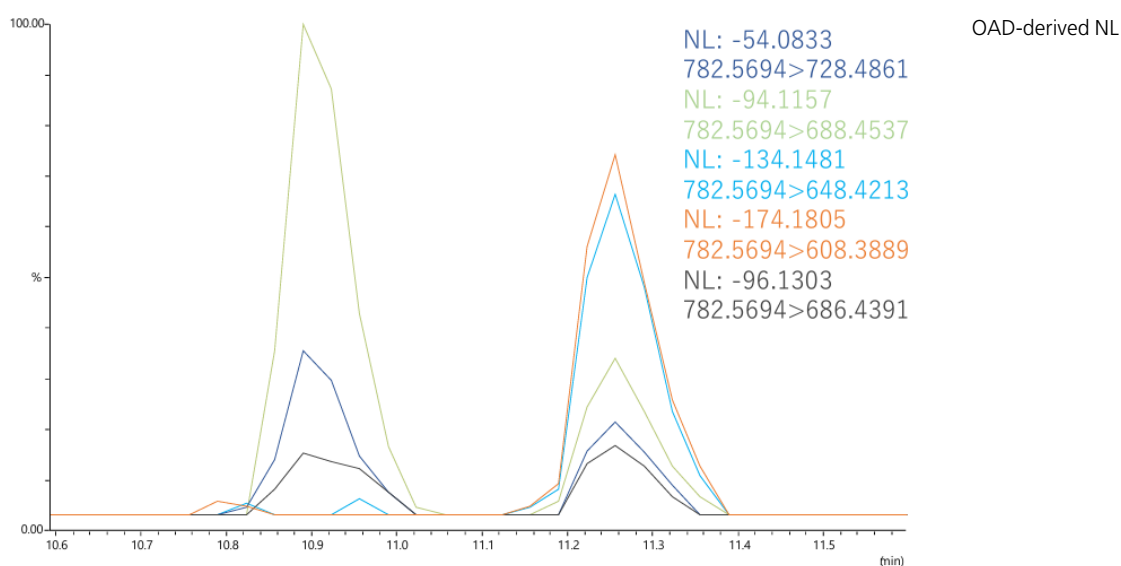
CoreFocus Report

No.586

LC-MS Reversed-phase Shim-pack™ Series

Shim-pack Scepter™ Claris C18-120 Analysis of Lipids in Mouse Liver

Keywords: Phosphatidylcholine



[HPLC conditions] (Nexera™ X3)

Column : Shim-pack Scepter Claris C18-120,
100 mm x 2.1 mm I.D., 1.9 μm⁺
Flow rate : 0.3 mL/min
Mobile phase A : 20 mM ammonium formate
Mobile phase B : ACN/IPA = 1/1 (v/v)
Column oven temp. : 40 °C
1*: P/N : 227-31210-02

[MS conditions] (LCMS-9050)

Mode : CID/OAD
Polarity : Positive/Negative switching
Collision energy (CE) : 25 V (Positive), 35 V (Negative)
DL temperature : 250 °C
Heat block temperature : 50 °C
Interface voltage : 4 kV(Positive), -3 kV(Negative)
MS scan range : m/z 100-1000
Measurement time : 20 min

Source : Application News 01-00678 ([JP](#))

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