

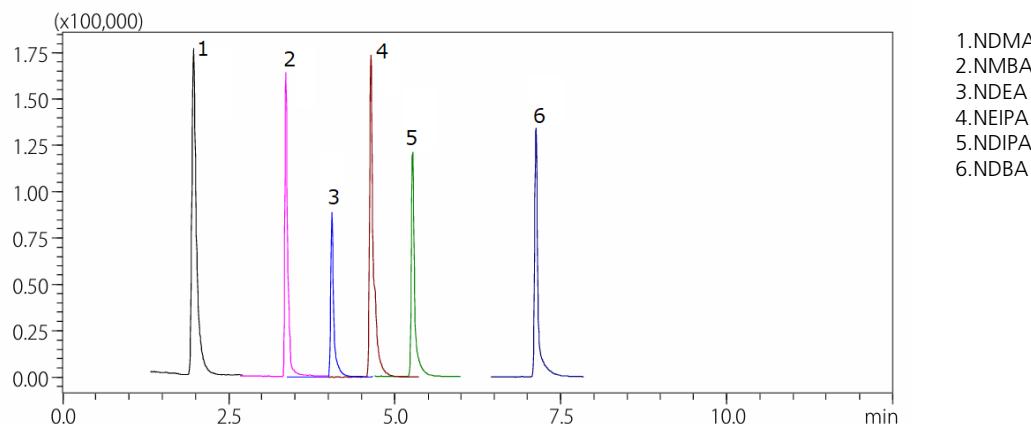
**CoreFocus**  
**Report**

**No.566**

LC-MS    Reversed-phase    Shim-pack™ Series

**Shim-pack Scepter™ C18-120**  
**Analysis of Nitrosamines**

**Keywords:** Carcinogens



**[HPLC conditions] (Nexera™ X3)**

Column : Shim-pack Scepter C18-120,  
          100 mm x 2.1 mm I.D., 1.9  $\mu$ m\*<sup>1</sup>  
Mobile phases : A) 0.05 % formic acid in H<sub>2</sub>O  
                  B) 0.05 % formic acid in methanol  
Flow rate : 0.40 mL/min  
Column oven : 45 °C  
Injection vol. : 10  $\mu$ L

1\*: P/N : 227-31011-05

**[MS conditions] (LCMS-8060\*<sup>2</sup>)**

Ionization : APCI (Positive mode)  
Probe voltage : 4.0 kV  
Mode : MRM  
Nebulizing gas flow : 4.0 L/min  
Drying gas flow : 3 L/min  
DL temp. : 150 °C  
Block heater temp. : 200°C  
Interface temp. : 300 °C

2\*: Hydrocarbon filter (P/N:225-42793-01)  
used on nitrogen gas line

Source : Application News 01-00188A ([JP](#), [ENG](#))

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