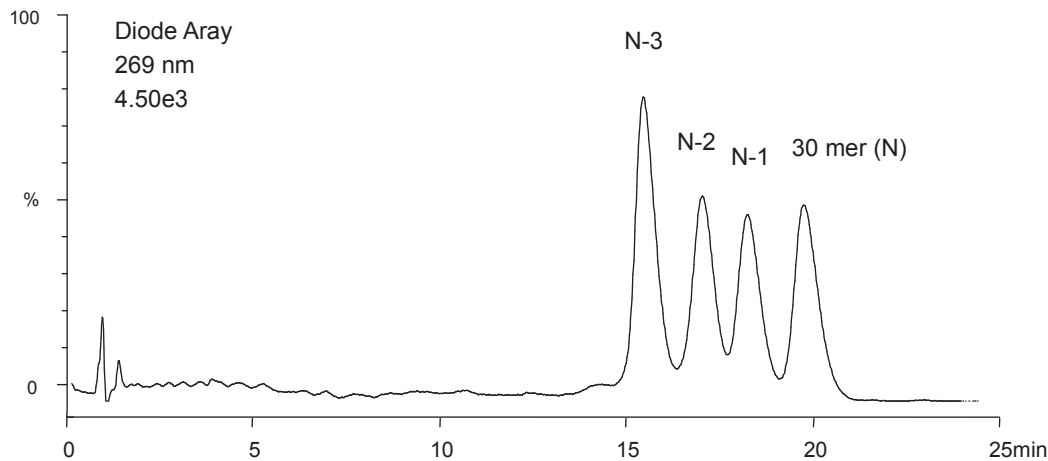


合成オリゴヌクレオチドのLC/MS分析
LC/MS analysis of synthetic oligonucleotides

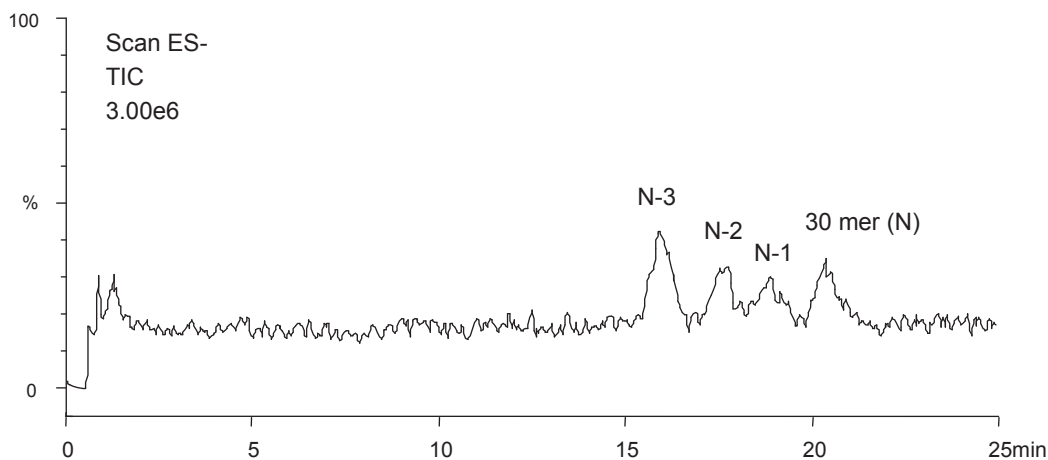
F060213C

A) UV

5'-CCGCTCGAGCTAAAAAAGCCTGTGTTACC -3' (30 mer)



B) MS



Column□ : Hydrosphere C18 (3 μm, 12 nm)
50 X 2.0 mm I.D.

Eluent□□ : A) 10 mM di-n-butylamine - acetic acid (pH 6.0)
B) 10 mM di-n-butylamine - acetic acid (pH 6.0) / acetonitrile (50/50)
58-62%B (0-20 min), 62%B (20-25 min)

Flow rate□ : 0.2 mL/min

Temperature□ : 35 °C

Detection□ : A) UV at 269 nm
B) ESI negative-mode

Injection□ : 1 μL (10 nmol/mL)

Sample□ : primer of DNA sequencing