

Presto FF-C18

150 x 4.6 mm

Application

LC-MS: Deoxyoligonucleotides

デオキシオリゴヌクレオチドのLC-MS分析

5'-GTTTTCCCAGTCACGACGTT-3'

$[M-7H]^{7-}$  m/z 864.4

5'-GGAAACAGCTATGACCATGA-3'

$[M-7H]^{8-}$  m/z 768.5

0 1 2 3 4 5 6 7 8 min

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A: 10mM ammonium formate

B: acetonitrile / 20mM ammonium formate = 50 / 50

0-100%B (0-8min)

0.4mL/min (13 MPa), 60°C, MS (ESI, SIM)

100µL (0.8nmol/mL, 50mM HCOONH<sub>4</sub>)