

COSMOSIL Application Data

Column: COSMOSIL 3C₁₈-EB
 Column size: 2.0 mmI.D.-100 mm
 Mobile phase: **
 Flow rate: 0.2 ml/min
 Temperature: 40 °C
 Detection: UV260 nm

Sample: Oligonucleotides

1; T T T T T T T T T T T T T T T
 2; T*T*T*T*T*T*T*T*T*T*T*T*T*T*T
 3; T*T*T*T*T*T*T*T*T*T*T*T*T*T*T
 4; T*T*T*T*T*T*T*T*T*T*T*T*T*T*T
 5; T*T*T*T*T*T*T*T*T*T*T*T*T*T*T

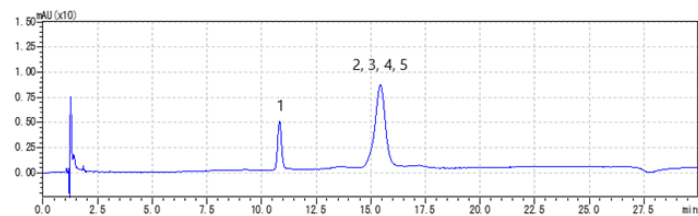
The positions of phosphorothioates are indicated by “*”.
 The “Locked-nucleotides” (LNAs) are indicated by “_”.

Mobile phase:

A; 0.4 mol/L 1,1,1,3,3,3-Hexafluoro-2-propanol
 (pH7.0 with Triethylamine)

B; Methanol

B conc. 20 → 25 % (0→20 min), 25 % (20-24 min)

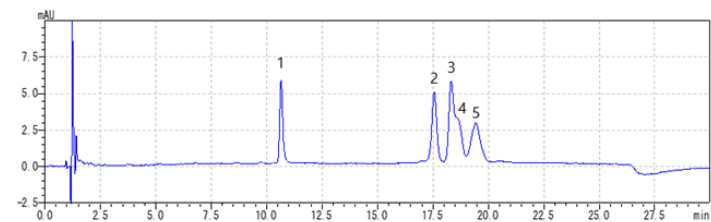


Mobile phase:

A; 50 mmol/L *n*-Hexylamine, 50 mmol/L Acetic Acid

B; Acetonitrile

B conc. 30 → 40 % (0→20 min), 40 % (20-24 min)



NACALAI TESQUE, INC

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