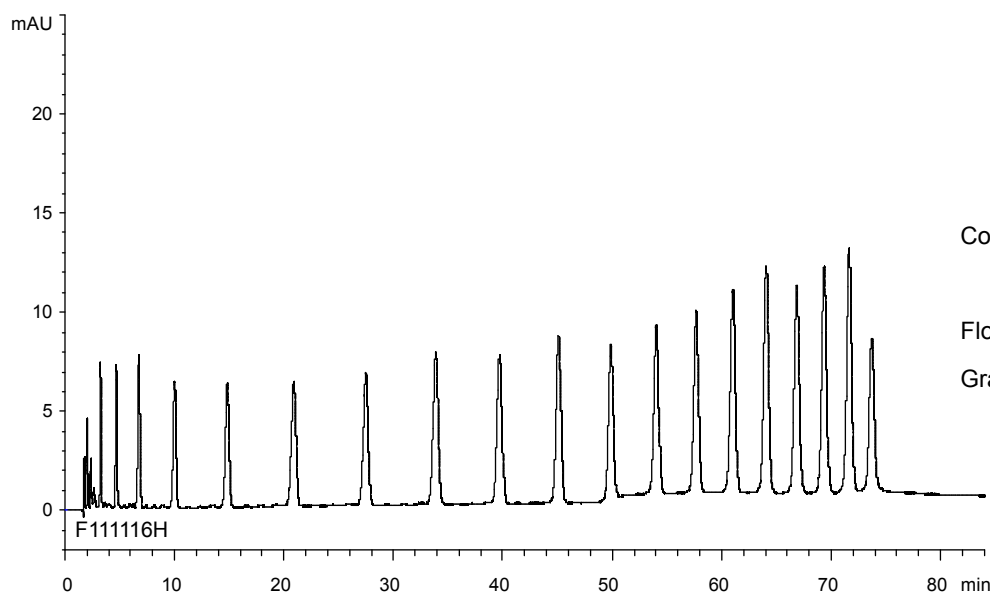


オリゴヌクレオチド, d(T)₂₋₂₀ -1.9 μm カラムによる分析高速化
Oligonucleotides, d(T)₂₋₂₀ -method transfer from HPLC to UHPLC

F111118A

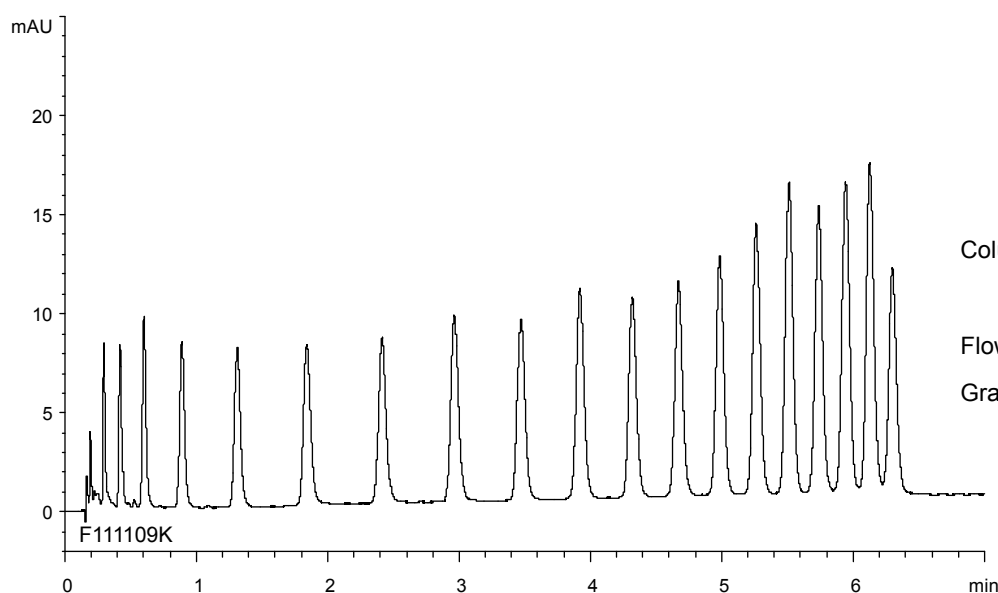
Conventional LC method

Oligodeoxythymidylic acid
[d(T)₂₋₂₀]



Column : YMC-Triart C18 (5 μm, 12 nm)
150 X 2.0 mmI.D.
Flow rate : 0.2 mL/min
Gradient : 35-50%B (0-84 min)

UHPLC method



Column : YMC-Triart C18 (1.9 μm, 12 nm)
50 X 2.0 mmI.D.
Flow rate : 0.8 mL/min
Gradient : 35-50%B (0-7 min)

Eluent : A) 10 mM di-n-butylamine-acetic acid (pH 6.0)
B) methanol
Temperature : 35°C
Detection : UV at 269 nm
Injection : 1 μL (5 nmol/mL)