

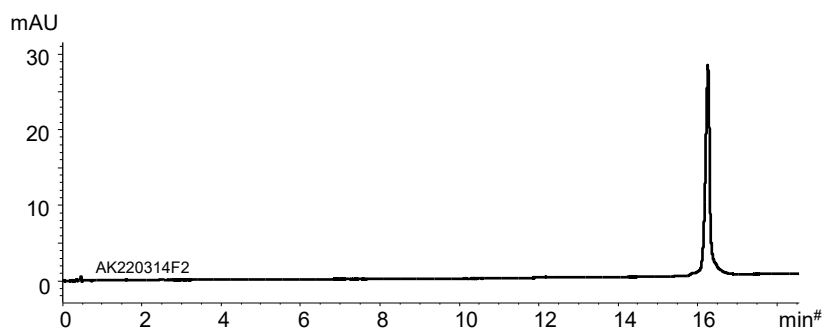
siRNA duplex under non-denaturing condition

U220817A

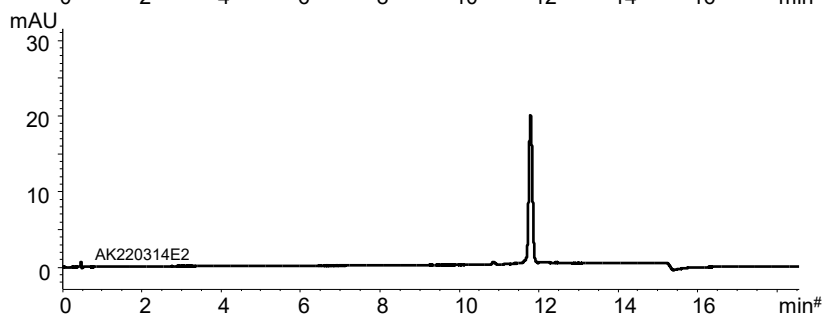
siRNA

5'-CGU ACG CGG AAU ACU UCG AdTdT-3' sense strand
3'-dTdTGCA UGC GCC UUA UGA AGC U-5' antisense strand

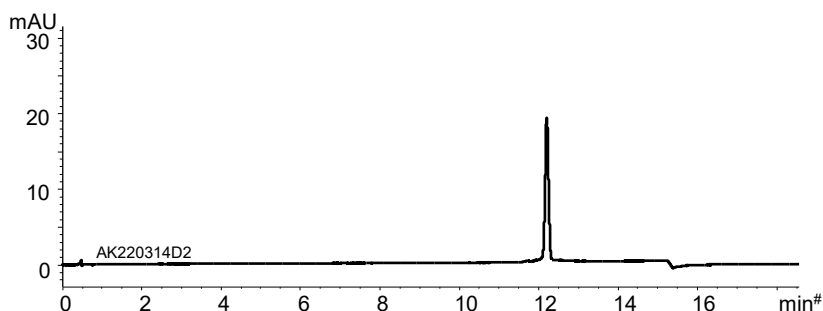
siRNA duplex



antisense strand



sense strand



Column : Accura Triart Bio C18 (1.9 μ m, 30 nm)
50 X 2.1 mmI.D.
Eluent : A) 15 mM triethylamine-400 mM HFIP* (pH 8)
B) methanol
10-28%B (0-18 min)
Flow rate : 0.42 mL/min
Temperature : 25°C
Detection : UV at 260 nm
Injection : 1 μ L (5 nmol/mL)

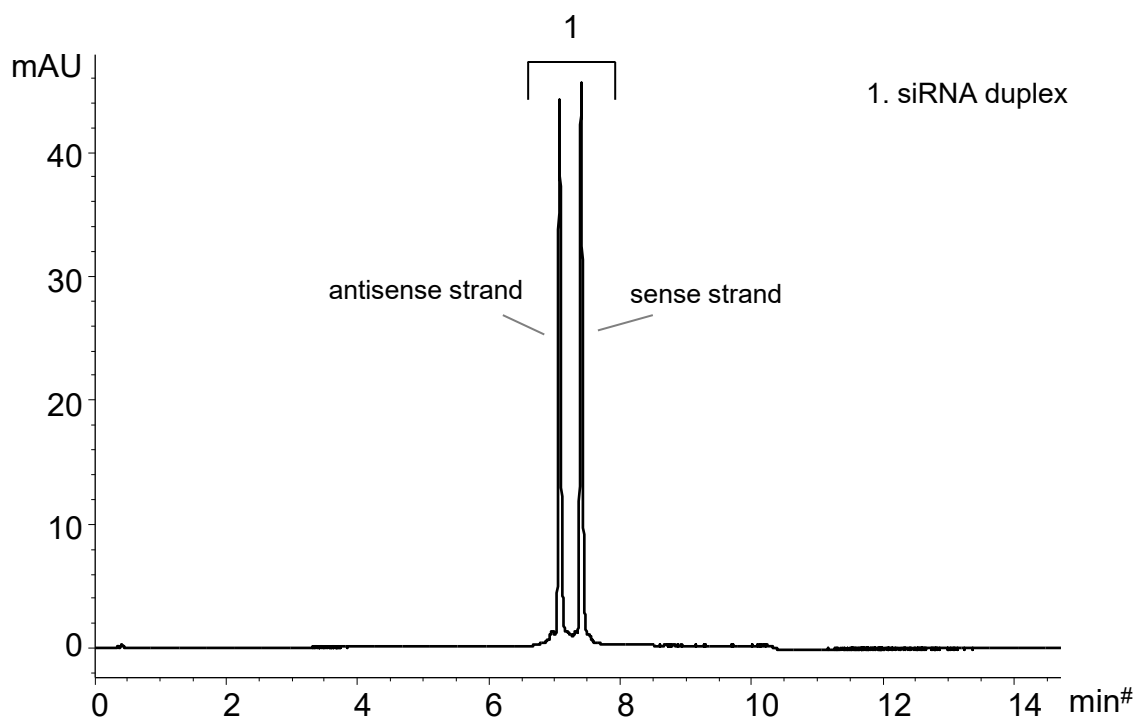
*1,1,1,3,3,3-hexafluoro-2-propanol

siRNA duplex under denaturing condition

AK220310I

siRNA

5'-CGU ACG CGG AAU ACU UCG AdTdT-3' sense strand
3'-dTdTGCA UGC GCC UUA UGA AGC U-5' antisense strand



Column : Accura Triart Bio C18 (1.9 μ m, 30 nm)
50 X 2.1 mm I.D.

Eluent : A) 15 mM TEAA* (pH 8)
B) methanol
5-20%B (0-15 min)

Flow rate : 0.42 mL/min

Temperature : 65°C

Detection : UV at 260 nm

Injection : 1 μ L (5 nmol/mL)

*triethylammonium acetate