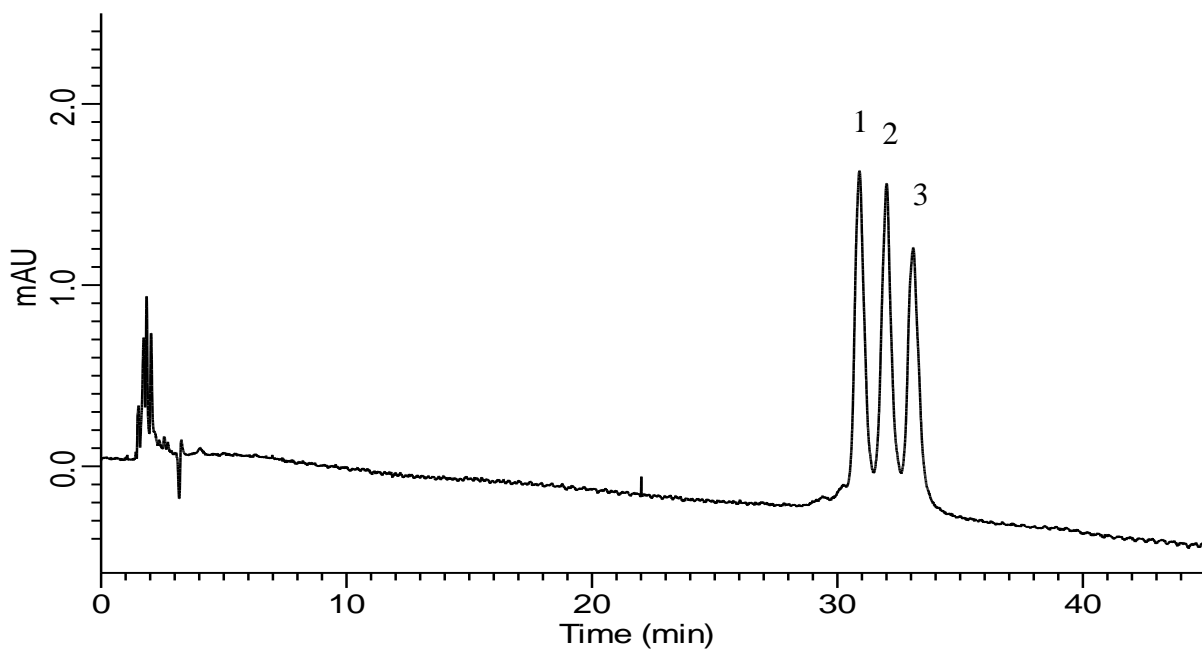


# InertSearch for LC

Inertsil Applications

## Analysis of Oligonucleotides

Data No. LB653-0806



### Conditions

**Column** : InertSustain Amide  
(1.9  $\mu$  m, 150 x 2.1 mm I.D., Metal-free hardware)

**Column Cat. No.** : 5020-

**Eluent** : A) CH<sub>3</sub>CN  
B) 200 mM HCOONH<sub>4</sub> in H<sub>2</sub>O

| Time(min) | A(vol%) | B(vol%) |
|-----------|---------|---------|
| 0         | 70      | 30      |
| 45        | 45      | 55      |

**Flow rate** : 0.2 mL/min

**Col. Temp.** : 40 °C

**Detection** : UV 260 nm

**Injection Vol.** : 1  $\mu$  L

**Sample** : Standard solution of Single-stranded DNA

### Analyte:

1. TATGACGTTTCCTGATGCT (18 mer)  
20 nmol/mL

2. CTATGACGTTTCCTGATGCT (19 mer)  
20 nmol/mL

3. GCTATGACGTTTCCTGATGCT (20 mer)  
20 nmol/mL