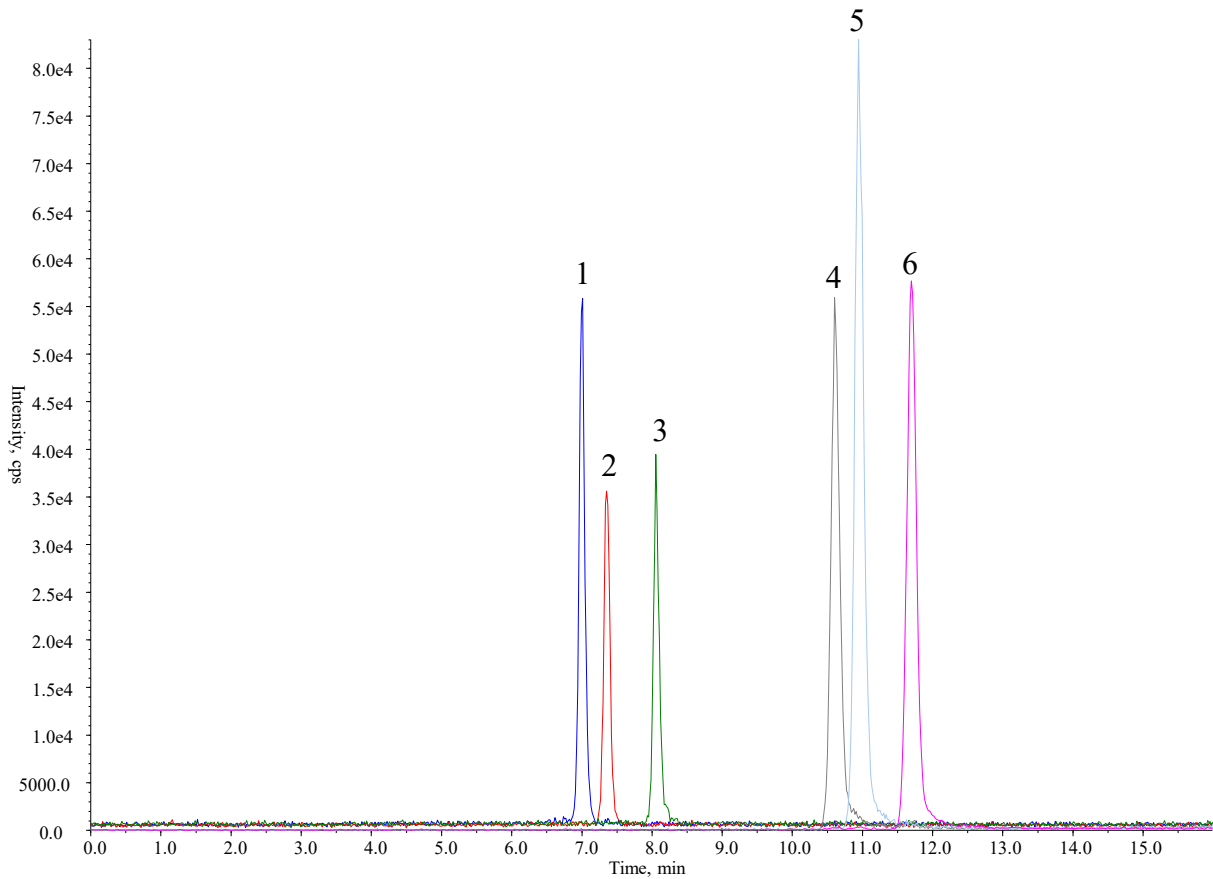


Analysis of Oligonucleotides



Conditions

System : ExionLC System (SCIEX)
Column : Inertsil Hybrid-C18 (GL Sciences Inc.)
 (3.5 μm, 100 x 2.1 mm I.D.)
Column Cat. No. : 5020-76029
Eluent : A) 5 mM TEA + 100 mM HFIP + 0.01 % Acetylacetone
 in (H₂O/CH₃OH = 90/10)
 B) 0.01 % Acetylacetone in (CH₃OH/H₂O = 90/10)

Time (min)	A(vol%)	B(vol%)
0	98	2
0.5	98	2
16	85	15
16.01	98	2
22	98	2

Flow Rate : 0.3 mL/min
Col. Temp. : 60 °C
Detection : MS/MS (ESI, Negative)
Injection Vol. : 2 μL
Sample : Standard in 5 mM TEA in H₂O

Analyte:

- catgacgttctgatgct
10 nM
(Q1/Q3 = 606/79)
- ccatgacgttctgatgct
50 nM
(Q1/Q3 = 574/79)
- tccatgacgttctgatgct
10 nM
(Q1/Q3 = 605/79)
- c[^]a[^]t[^]g[^]a[^]c[^]g[^]t[^]t[^]c[^]c[^]t[^]g[^]a[^]t[^]g[^]c[^]t
10 nM
(Q1/Q3 = 637/95)
- c[^]a[^]t[^]g[^]a[^]c[^]g[^]t[^]t[^]c[^]c[^]t[^]g[^]a[^]t[^]g[^]c[^]t
10 nM
(Q1/Q3 = 670/95)
- t[^]c[^]c[^]a[^]t[^]g[^]a[^]c[^]g[^]t[^]t[^]c[^]c[^]t[^]g[^]a[^]t[^]g[^]c[^]t
10 nM
(Q1/Q3 = 706/95)

^ = phosphorothioated