

# HPLC Application

ID No.: 18089

## Poly dT 12-18 standard on Oligo-RP (modifying TEA/HFIP Ratio)

**Column:** Clarity® 3 µm Oligo-RP, LC Column 150 x 2 mm, Ea

**Dimensions:** 150 x 2 mm ID

**Order No:** 00F-4441-B0

**Elution Type:** Gradient

**Eluent A:** TEAA/HFIP/2%MeOH in Water

**Eluent B:** Acetonitrile

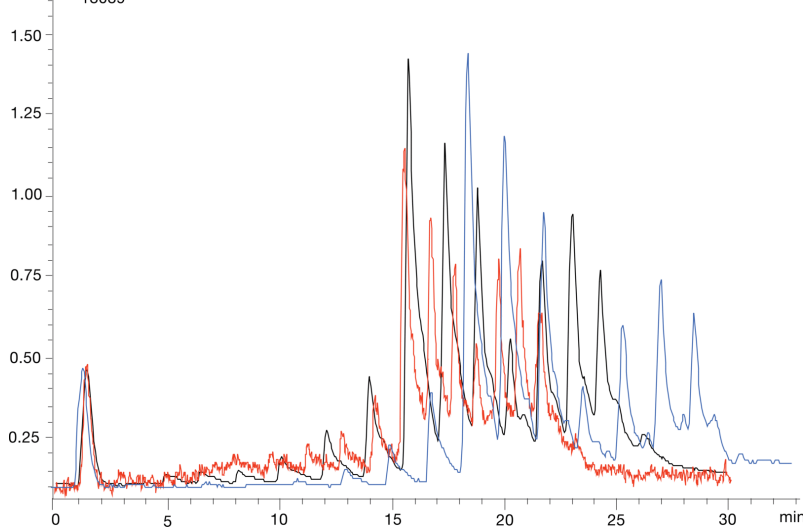
Gradient Profile:	Step No.	Time (min)	Pct A	Pct B
	1	0	100	0
	2	10	90	10
	3	30	70	30

**Flow Rate:** 0.2 mL/min

**Col. Temp.:** ambient

**Detection:** Mass Spectrometer (MS) @ 400 amu (ambient)

**Analyst Note:** Different ratios of HFIP to TEA were investigated using the poly dT 12-18 standard mixture. HFIP was fixed at 200 mM and different levels of TEA were used between 1 and 20 mM (4mm-red trace (pH 7.6), 8mm-blue trace (pH 8.0), and 14mm -black trace (pH 8.3)). Optimal retention, MS



### ANALYTES:

- 1 Poly dT 12-18 Oligonucleotide

Retention Time: 1 min



Products used in this application:

