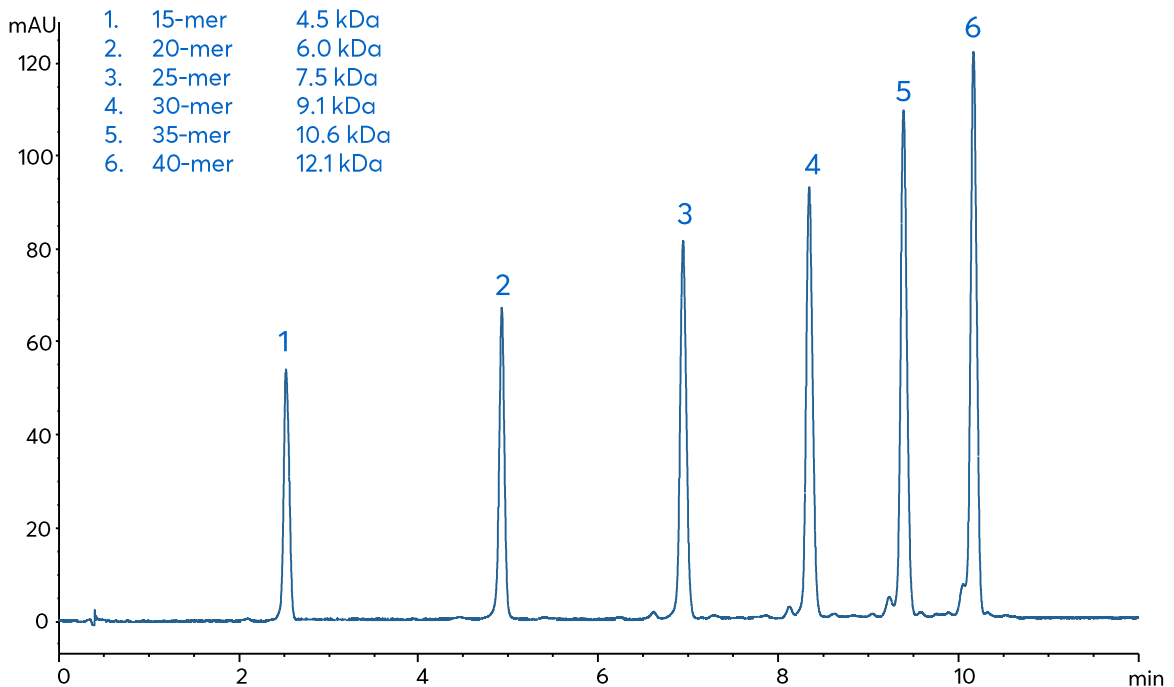


# MS-friendly Oligonucleotide Separation



# Method Details

## CONDITIONS

Column: ACE Excel 1.7 Oligo  
 Dimensions: 100 x 2.1 mm  
 Mobile Phases: A: 15 mM Dibutylamine + 25 mM 1,1,1,3,3,3-Hexafluoropropan-2-ol in H<sub>2</sub>O  
 B: 15 mM Dibutylamine + 25 mM 1,1,1,3,3,3-Hexafluoropropan-2-ol in MeOH

Gradient:

Time (mins)	%B
0	30
15	50
17	50
17.5	30
25	30

System Dwell Volume: 550 µL  
 Flow Rate: 0.6 mL/min  
 Injection: 10 µL  
 Temperature: 60 °C  
 Detection: UV, 260 nm

## ORDERING TABLE

Product	Details	Size	Part number
ACE Excel 1.7 Oligo	UHPLC column	100 x 2.1 mm	EXL-1715-1002
Methanol	VWR CHROMANORM® gradient grade	2.5 L	20864.320
Water	VWR CHROMANORM® gradient grade	2.5 L	83650.320
Dibutylamine	Acros Organics >99%	50 mL	ACRO112950500
HFIP	Acros Organics >99% for analysis	50 mL	ACRO445820500
UHPLC guard cartridge	For 2.1 mm i.d. columns	3 pk	EXL-1P15-GD2U
UHPLC guard holder	Required for use of UHPLC guard cartridges	1	H0011