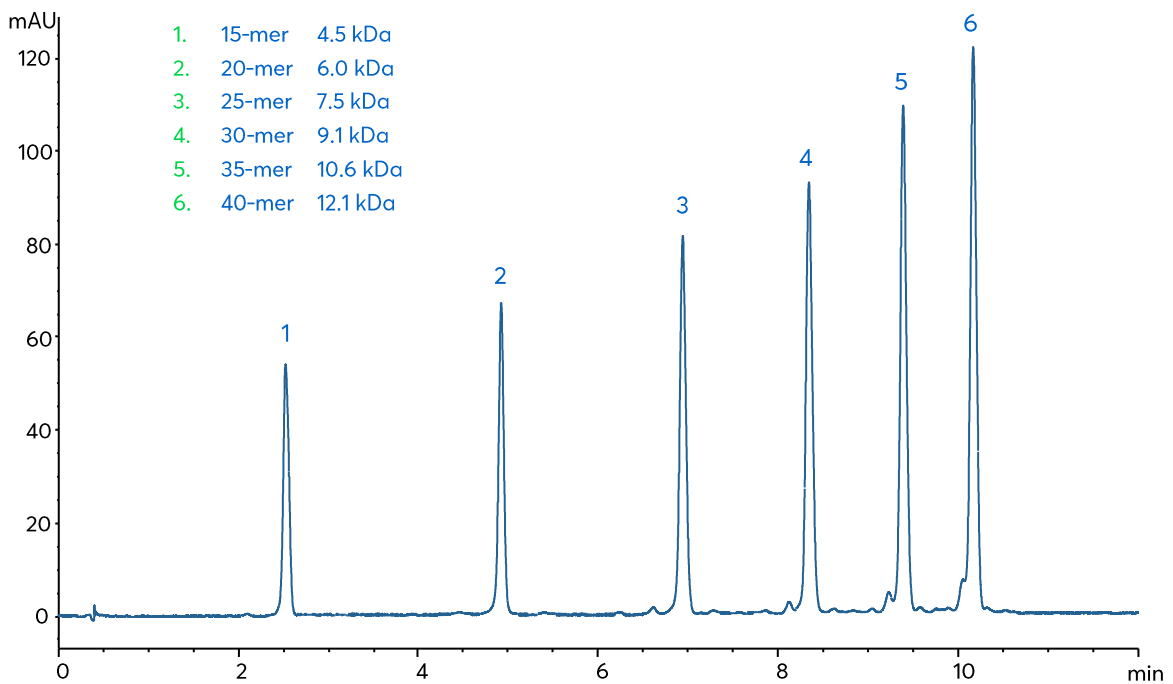


MS-friendly Oligonucleotide Separation



Method Details

CONDITIONS

Column:	Avantor® ACE® Excel 1.7 Oligo
Particle Size:	1.7 µm
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 ₂ 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
Avantor® 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® super 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