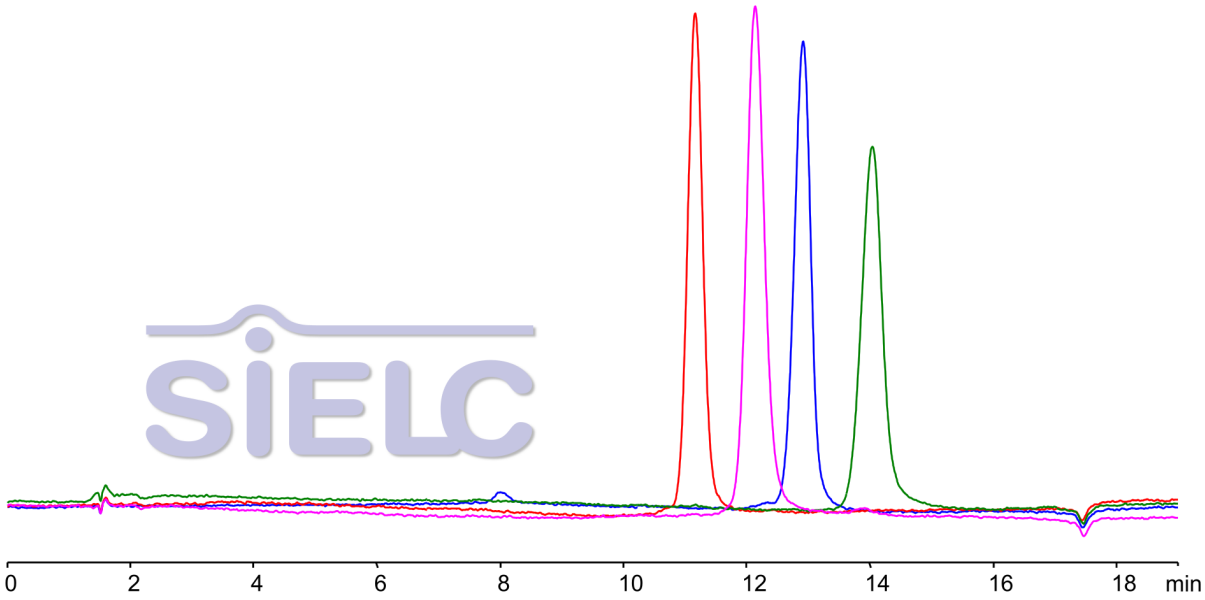
HPLC Method for Analysis of 17-, 18-, 20-, and 22-mer Oligonucleotides on OligoMg Column by SIELC Technologies

https://sielc.com/hplc-method-17-18-20-22-mer-oligonucleotides

Chromatogram

17 mer – Bluescript KS – TCG AGG TCG ACG GTA TC (4T, 3A, 4C, 6G)
18 mer – SP6 Upstream – ATT TAG GTG ACA CTA TAG (6T, 6A, 2C, 4G)
20 mer – 3' RACE PCR – GGC CAC GCG TCG ACT AGT AC (3T, 4A, 7C, 6G)
22 mer – SP6 Promoter – TAC GAT TTA GGT GAC ACT ATA G (7T, 7A, 3C, 5G)



Column:	OligoMg
Column size:	4.6 × 150 mm, 3 µm
Mobile phase:	gradient MeCN - 65-40%, in 15 min
Buffer:	none
Flow rate:	1.0 mL/min
Detection:	UV 260 nm
Temperature:	30°C

Description

· Separation type: Bridge Ion Separation Technology, or BIST™ by SIELC Technologies

HPLC Method for Analyzing 17-, 18-, 20-, and 22-mer Oligonucleotides on OligoMg Column by SIELC Technologies

Research and Studies : · Medical and Diagnostic Applications : · Educational Purposes : · Demonstrating basic principles of nucleic acid chemistry and genetics. · Nanotechnology :

Method Parameters

Mobile Phase	Gradient MeCN 65-40%, 15 min
Buffer	none
Flow Rate	1.0 ml/min
Detection	UV 260 nm
Class of Compounds	Oligonucleotides
Analyzing Compounds	Oligonucleotides

HPLC Column Used

OligoMg, 4.6 x 150 mm, 3 µm, 100 A, dual ended

Order this column at hplc-shop.de →