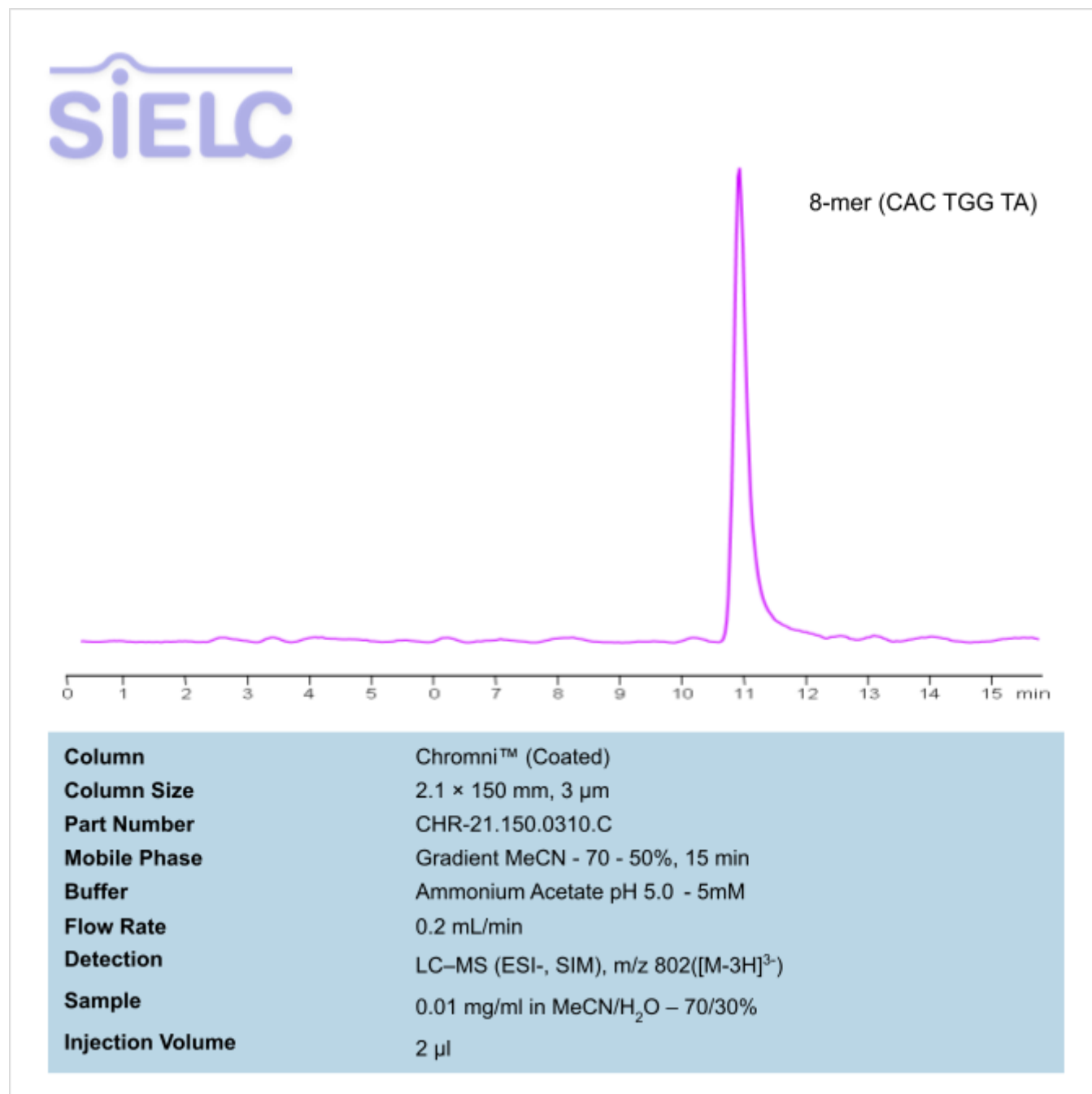


# HPLC MS Method for Analysis of Oligonucleotide 8-mer on Chromni Column

<https://sielc.com/hplc-ms-analysis-of-oligonucleotide-8-mer>

## Chromatogram



## Description

· High Performance Liquid Chromatography (HPLC) Method for Analysis of Oligonucleotides

Oligonucleotides are short sequences of nucleotides that serve as essential tools in molecular biology. These oligonucleotides can be composed of any combination of the four standard nucleotides: adenine (A), thymine (T), cytosine (C), and guanine (G).

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

## Method Parameters

<b>Mobile Phase</b>	Gradient MeCN – 70 – 50%, 15 min
<b>Buffer</b>	Ammonium Acetate pH 5.0 – 5mM
<b>Flow Rate</b>	0.2 ml/min
<b>Detection</b>	LC-MS
<b>Class of Compounds</b>	Oligonucleotide
<b>Analyzing Compounds</b>	Oligonucleotides

#### HPLC Column Used

**Chromni, 2.1 x 150 mm, 3 µm, 100 Å, surface coated**

[Order this column at hplc-shop.de →](http://hplc-shop.de)