

Amino Acids

Application Note

BioPharma

Authors

Agilent Technologies, Inc.

Introduction

Gas chromatography with an Agilent CP-Chirasil-DEX CB column separates two N-trifluoroacetyl derivatives of threonine propyl esters in 22 minutes.



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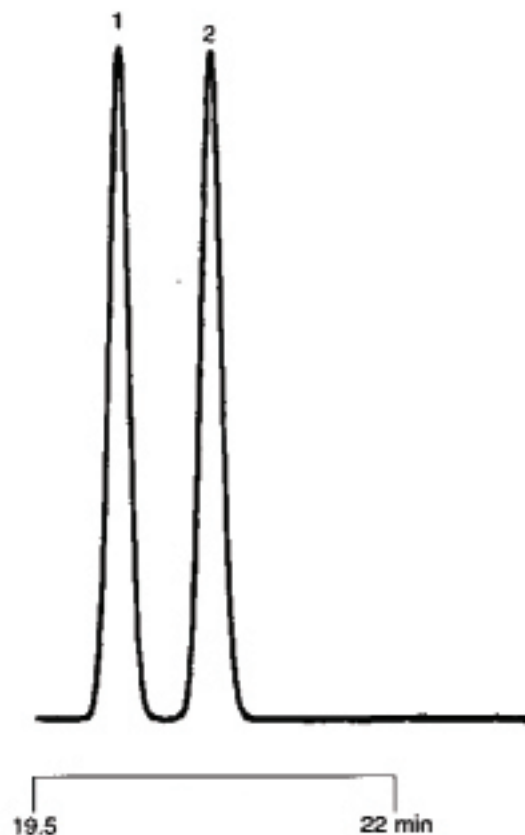
Conditions

Technique : GC-capillary
Column : Agilent CP-Chirasil-DEX CB, 0.25 mm x 25 m fused silica WCOT CP-Chirasil-DEX CB (df = 0.25 µm) (Part no. CP7502)
Temperature : 80 °C
Carrier Gas : H₂, 70 kPa (0.7 bar, 10 psi)
Injector : Split, 1:100
Detector : FID
Sample Size : 1 µL

Courtesy : Mr I. Španik, Dr. J. Krupik,
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Peak identification

1. L-Threonine propyl ester
2. D-threonine propyl ester



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This information is subject to change without notice.

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