

ValcoBond VB-Fluoro Capillary Columns

- 100% bonded Fluorosilicone
- High thermal stability
- Unique selectivity



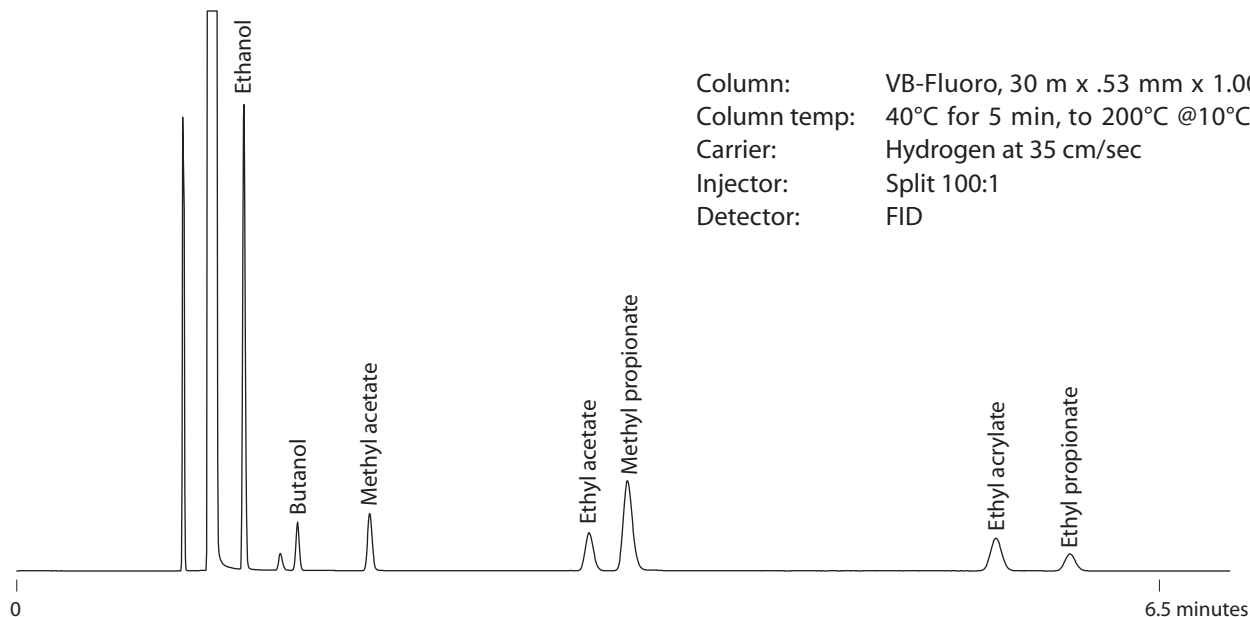
Product Description

VB-Fluoro capillary columns feature unique selectivity created by high fluorine affinity to analyte lone pair electrons. This is coupled with thermal stability similar to low polarity phases such as VB-1 and VB-5.

Low bleed characteristics make VB-Fluoro columns well suited for MS and ECD applications, and the high thermal stability allows their use as a complementary column for most high temperature applications which commonly utilize low polarity stationary phases.

Primary applications include ketones, aldehydes, explosives, PAH's, silanes, CFC's, and unsaturated compounds. VB-Fluoro columns are a good replacement for Rtx-200, DB-200, DB-210, and VF-200 columns.

Application 1: Acrylate Impurities



Sizes and Specifications

VB-Fluoro capillary columns are 30 m long, with an ID of 0.25 mm or 0.53 mm.

Temperature limits

0.25 mm x 0.25 μ m df: -60°C to 325/350°C

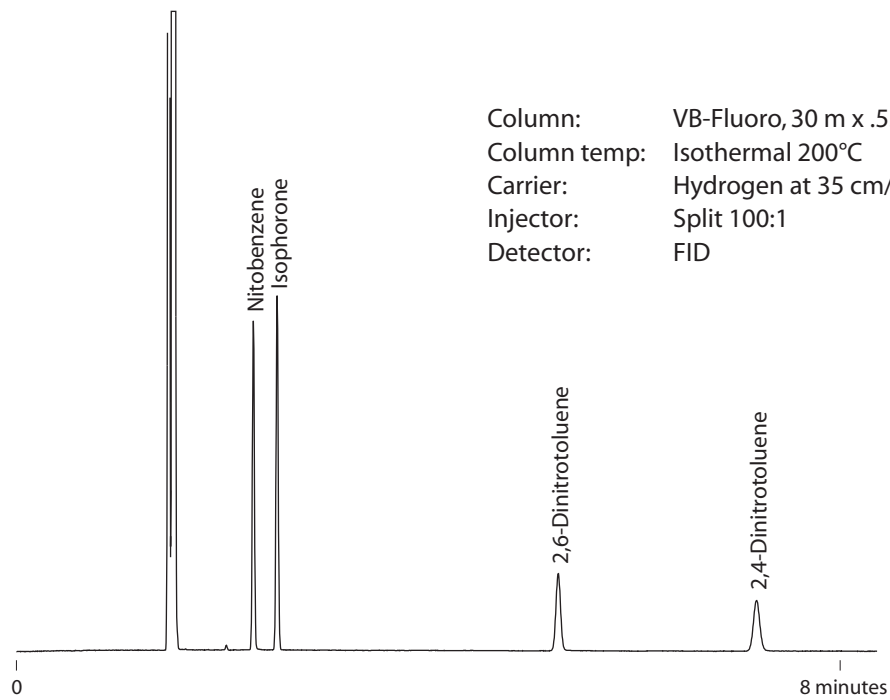
0.53 mm x 1.00 μ m df: -60°C to 280/300°C

Product numbers

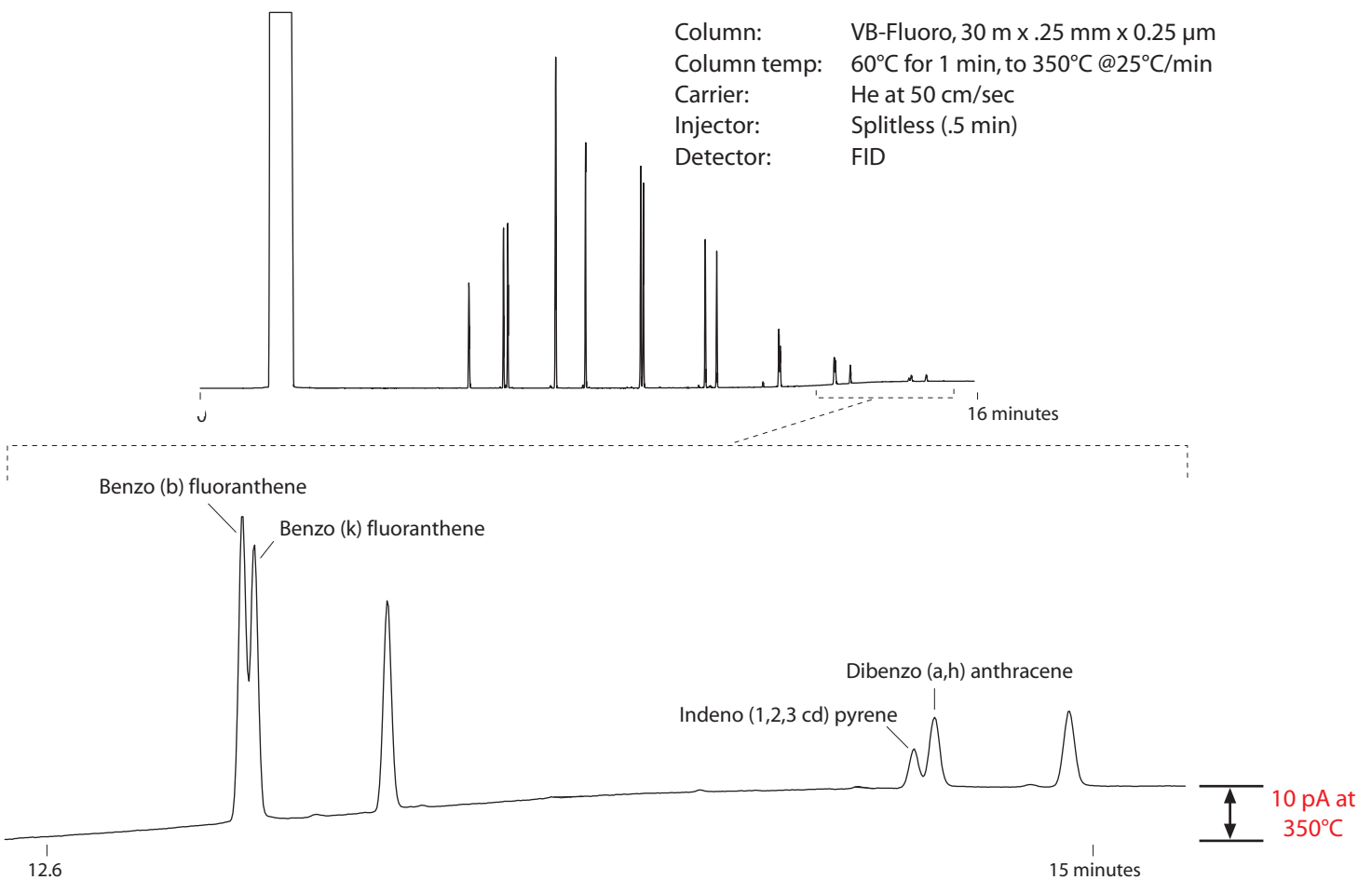
30 m x 0.25 mm x 0.25 μ m df: CFS-N03025-025

30 m x 0.53 mm x 1.00 μ m df: CFS-N03053-100

Application 2: Explosives



Application 3: PAH's – EPA Method 610



North America, South America, and Australia/Oceania contact:

VICI® Gig Harbor Group
tel: 888 217-7199
fax: 253 853-3135
columns@vici.com

Europe, Asia, and Africa contact:

VICI® VICI AG International
tel: Int + 41 41 925-6200
fax: Int + 41 41 925-6201
info@vici.ch

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