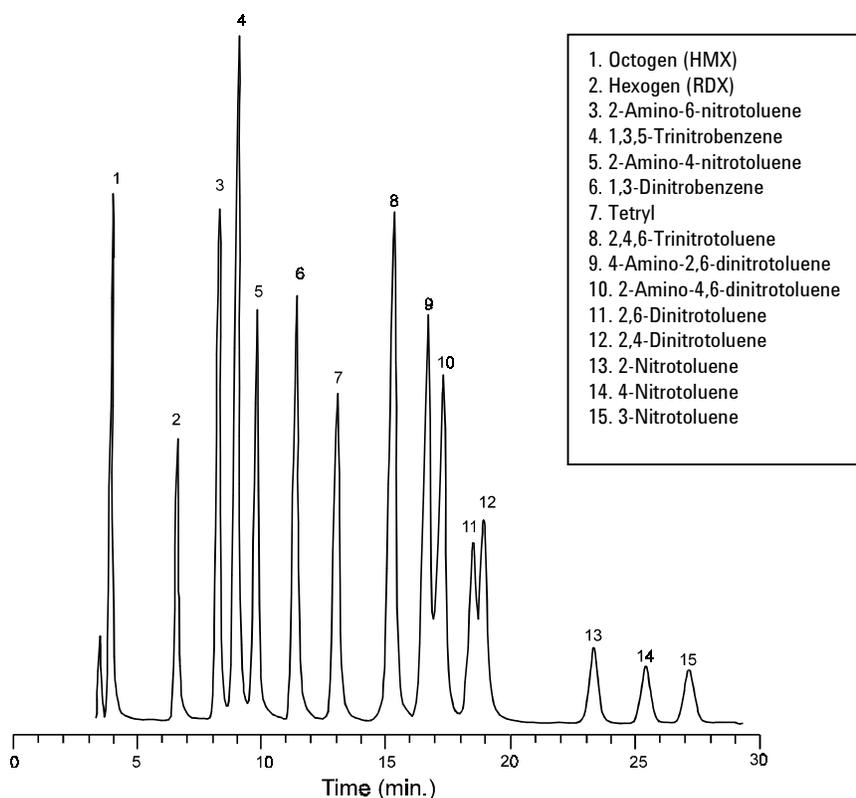


Reversed-Phase Separation 15 Explosives from Soil Extract

Application
Environmental
Robert Ricker



Highlights

- *Medium-bore columns reduce both the amount of sample required and generation of mobile-phase waste. This medium-sized bore does not require a special low-volume chromatograph but does require that the system contain minimal dead volume.*
- *Isocratic operation has the advantage of quick turn-around between injections since re-equilibration is not required.*

Courtesy of Ursula Hechler, Lab Dr. Wessling, Altenberge, Germany, Terra. Tech. 1, 27-28 (1995)

Conditions:
ZORBAX SB-C18 (3 x 250 mm) (Agilent P/N: 880975-302)
Mobile Phase: Methanol:Water (50:50) (v/v)
Injection volume 10µl, 0.3 mL/min, Ambient, Detect. UV (230 nm)



Agilent Technologies

*Robert Ricker is an application chemist
based at Agilent Technologies, Wilmington,
Delaware.*

For more information on our products and
services, visit our website at:
www.agilent.com/chem

Copyright© 2002 Agilent Technologies, Inc.
All Rights Reserved. Reproduction,
adaptation or translation without prior
written permission is prohibited, except as
allowed under the copyright laws.

Agilent shall not be liable for errors
contained herein or for incidental or
consequential damages in connection with
the furnishing, performance, or use of this
material.

Information, descriptions, and specifications
in this publication are subject to change
without notice.

Printed in the USA
April 25, 2002
5988-6342EN



Agilent Technologies