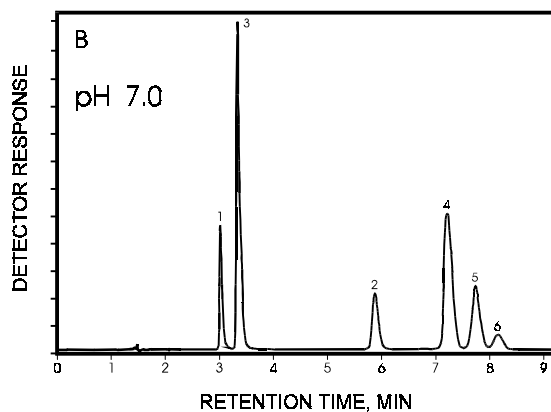
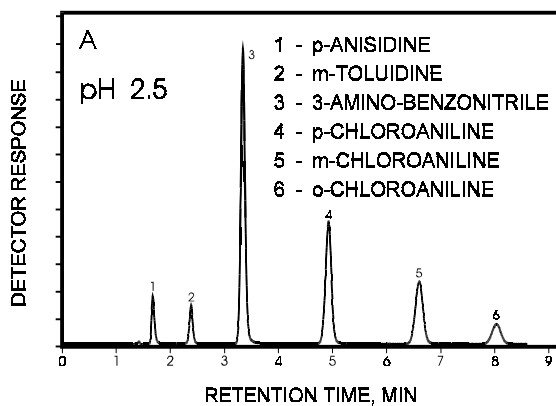


Substituted Anilines pH Effects

Application
Organic Chemicals
Robert Ricker



Conditions:
ZORBAX SB-C18, 4.6 x 150 mm (Agilent P/N: 883975-902)
42% methanol/58% 25 mM phosphate buffer
1.0 mL/min.; 22°C

Highlights

- Basic compounds separate with good peak shape on ZORBAX Stablebond columns.
- Selectivity is very dependent on pH of mobile phase.
- Control of pH is critical to stability of separation of basic or acidic solutes.



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
5988-6366EN



Agilent Technologies