



Base neutrals

Application Note

Environmental

Authors

Agilent Technologies, Inc.

Introduction

Analysis of 14 halogenated base neutrals using Agilent FactorFour VF-1301ms in 22 minutes.



Agilent Technologies

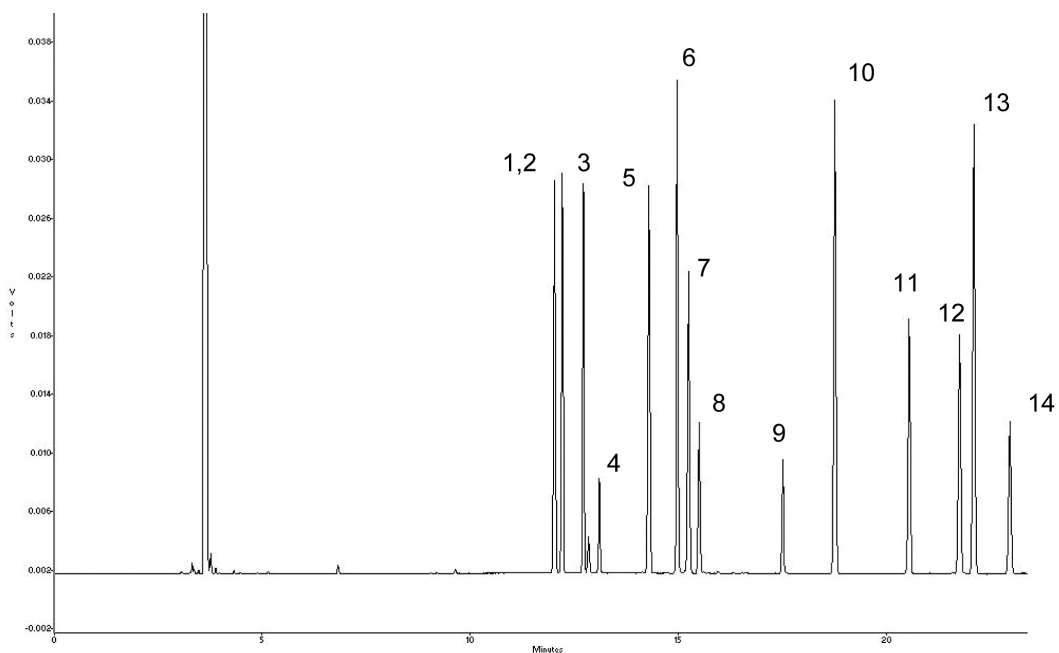
Conditions

Technique : GC-capillary
Column : Agilent FactorFour VF-1301ms, 0.25 mm x 30 m
fused silica (df = 0.25 µm) (Part no. CP9053)
Temperature : 45 °C (3 min) → 280 °C, 10 °C/min
Carrier Gas : He, 60 kPa
Injector : Split, 1 µL, 1:100
Detector : FID
Sample : 2000 µg/µL in methanol

Courtesy : J. Peene, Agilent application laboratory,
Middelburg, The Netherlands

Peak identification

- 1,3-dichlorobenzene
- 1,4-dichlorobenzene
- 1,2-dichlorobenzene
- hexachloroethane
- nitrobenzene
- isophorone
- 1,2,4-trichlorobenzene
- hexachlorobutadiene
- hexachlorocyclopentadiene
- 2-chloronaphthalene
- 2,6-dinitrotoluene
- 2,4-dinitrotoluene
- azobenzene
- hexachlorobenzene



www.agilent.com/chem

This information is subject to change without notice.

© Agilent Technologies, Inc. 2011

Printed in the USA

31 October, 2011

First published prior to 11 May, 2010

A02417



Agilent Technologies