

Gases

Analysis of decomposition gases from explosives (1,3,3-trinitroazetidine, TNAZ)

Application Note

Homeland Security

Authors

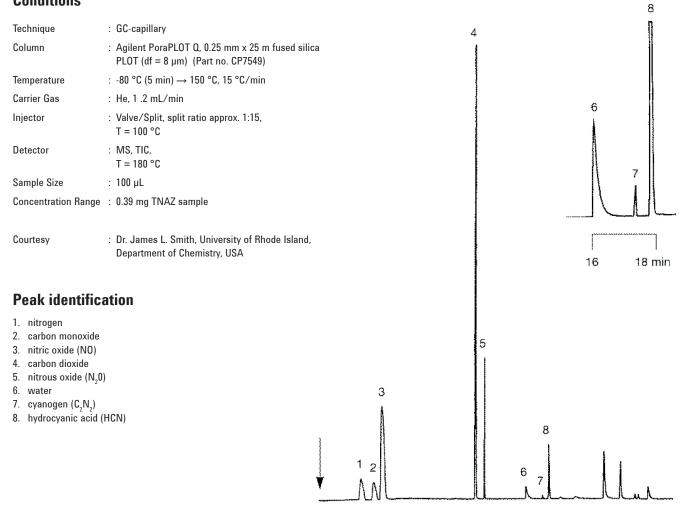
Agilent Technologies, Inc.

Introduction

A single PLOT column separates a large number of gases which are formed during the decomposition of explosives. The narrow-bore Agilent PoraPLOT Ω column allows direct coupling to a mass spectrometer and dramatically improves the analytical capabilities for compositional analyses of decomposition gases. This single column system is able to simultaneously separate and detect N_2 , CO, CO_2 , NO, N_2O , H_2O , HCO and cyanogen.



Conditions



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