Sulfur simdist

Boiling point analysis of sulfur compounds in hydrogenated naphtha

Application Note

Energy & Fuels

Authors

Agilent Technologies, Inc.

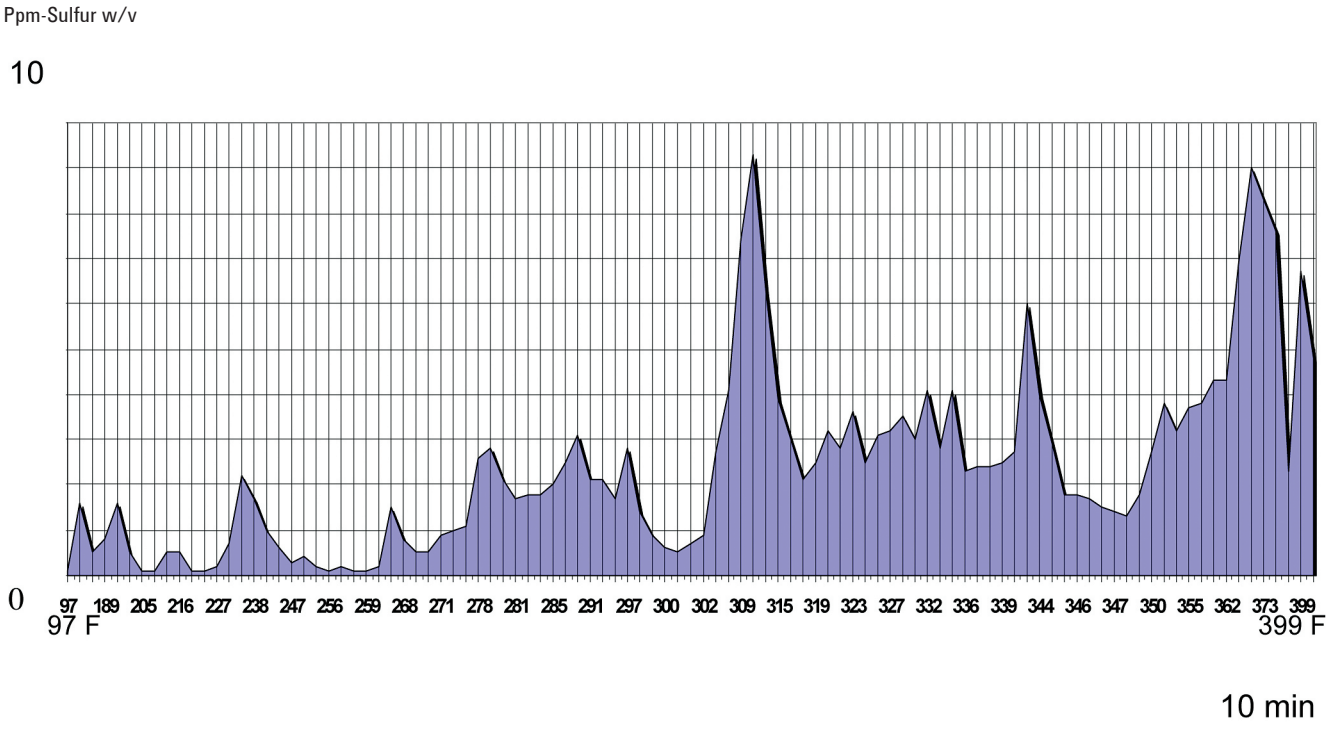
Introduction

Boiling point analysis of sulfur compounds in hydrogenated naphtha by gas chromatography is achieved using an Agilent CP-Sil 5 CB column in ten minutes.

Agilent Technologies

Conditions

Technique	:	GC-capillary
Column	:	Agilent CP-Sil 5 CB UltiMetal, 0.53 mm x 10 m (df = 5 µm) (Part no. CP6666)
Temperature	:	35 °C (1 min) ⟶ 15 °C/min ⟶ 200 °C (2 min)
Carrier Gas	:	Helium, 15 mL/min, constant flow
Injector	:	PTV, 70 °C Hold 0 Rate 15 °C/min Final 200 °C
Detector	:	SCLD
Sample Size	:	0.5 µL
Calculations	:	Envantage Simdist- 2000 with Sulfur module Total sulfur = 240 ppm



www.agilent.com/chem

Printed in the USA
31 October, 2011
First published prior to 11 May, 2010
A01812

Agilent Technologies