



Alkyl cyclobutanones

Application Note

Energy & Fuels

Authors

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Introduction

Alkyl cyclobutanones are separated in 15 minutes by gas chromatography with an Agilent FactorFour VF-5ht column.



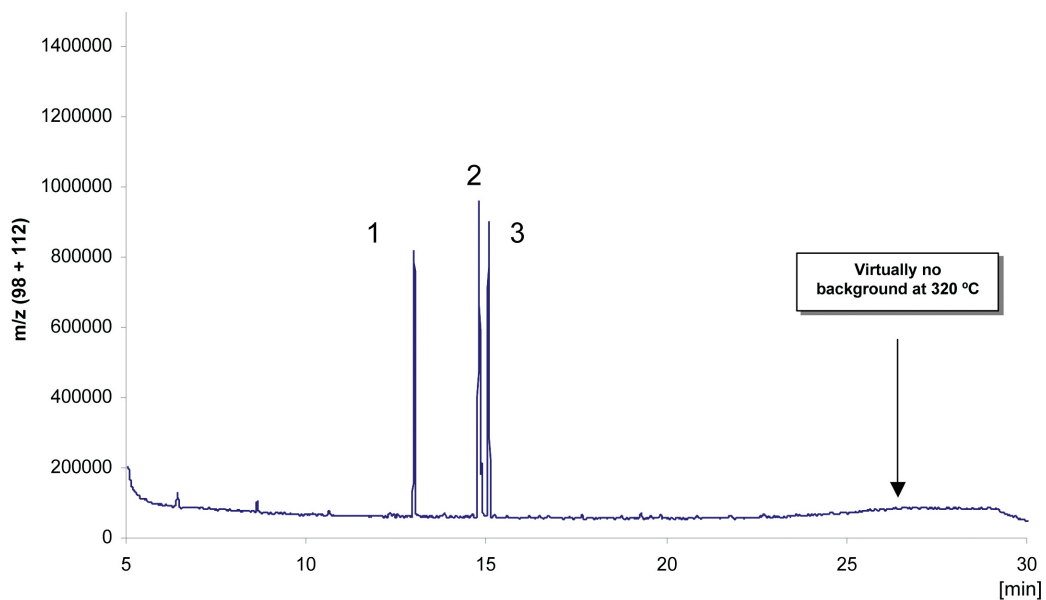
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Conditions

Technique : GC-capillary
Column : Agilent VF-5ht, 0.32 mm x 30 m fused silica
(df = 0.1 μ m) (Part no. CP9048)
Temperature : 80 °C (2 min) \rightarrow 320 °C, 10 °C/min
Carrier Gas : Helium, constant flow, 1.0 mL/min
Injector : Splitless, T = 250 °C, 1 μ L
Detector : MS, ion trap, m/z 98, 112
Concentration : 5 μ g/mL

Peak identification

1. 2-dodecyl cyclobutanone
2. 2-tetradecenyl cyclobutanone
3. 2-tetradecyl cyclobutanone



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This information is subject to change without notice.

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