Agilent Technologies

Certificate of Analysis

FID MDL Sample

Agilent Part Number: **5188-5372**

Sample Lot Number: **0006706737**

This analytical reference material was manufactured and verified in accordance with an ISO 9001 registered quality system, and the analyte concentrations were verified by an ISO 17025 accredited laboratory. The certified value for each analyte was determined gravimetrically.

Concentrations:

n-tridecane	2.36 mg/L (± 0.5%)
n-tetradecane	2.36 mg/L (± 0.5%)
n-pentadecane	23.6 mg/L (± 0.5%)
n-hexadecane	23.7 mg/L (± 0.5%)

Solvent: isooctane

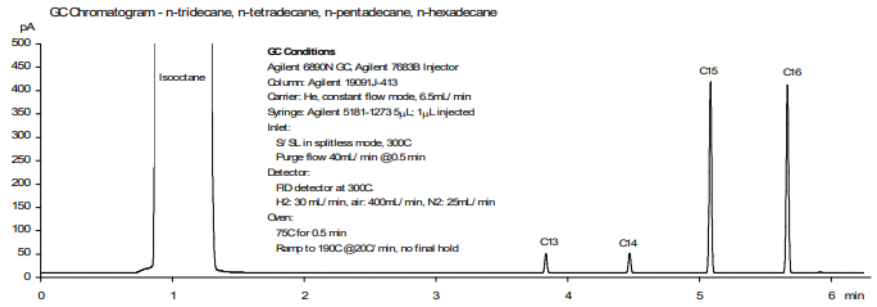
Calibrated Class A glassware and clean bottles were used in the manufacture of this standard. Balances used in the manufacture of this standard are calibrated with weights traceable to NIST in compliance with ANSI/NCSL Z-540-1 and ISO 9001.

Purities:

n-tridecane	99.6%
n-tetradecane	99.5%
n-pentadecane	99%
n-hexadecane	99.5%
isooctane	99.9%

Typical Analytical Spectrum or Chromatography

GC Chromatography – n-tridecane, n-tetradecane, n-pentadecane and n-hexadecane in isooctane



Date of release: **06 October 2022**

Date of expiration: **31 October 2025**

Monica Bourgeois
QMS Representative