Agilent Technologies

ULTRA SCIENTIFIC
Analytical Solutions

Certificate of Analysis

FID MDL Sample

Agilent Part Number:	**5188-5372**	**Sample Lot Number:**	**CB-2452A**

Concentrations:

n-Tridecane	2.36 mg/L (±2%)	2.0 ng C/µL
n-Tetradecane	2.36 mg/L (±2%)	2.0 ng C/µL
n-Pentadecane	23.7 mg/L (±2%)	20. ng C/µL
n-Hexadecane	23.7 mg/L (±2%)	20. ng C/µL

In isooctane (2,2,4-trimethylpentane) as solvent

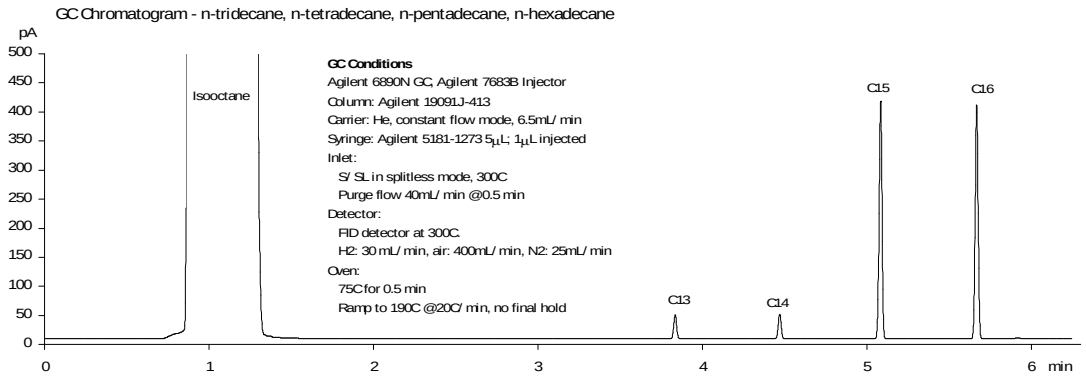
Purities:

n-Tridecane	99%
n-Tetradecane	99%
n-Pentadecane	97+%
n-Hexadecane	97+%
Isooctane	99%

This standard has been produced gravimetrically and volumetrically using ISO9001 quality procedures. Balances used are calibrated regularly and meet the requirements of ISO 17025 augmented by ANSI/NCSL Z540-1-1994. Gas chromatography was used to verify the standard concentration.

Typical Analytical Spectrum or Chromatogram

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



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