



Agilent Technologies



## Certificate of Analysis

### FID MDL Sample

Agilent Part  
Number:

5188-5372

Sample Lot  
Number:

CD-3031

#### Concentrations:

|               |                         |                   |
|---------------|-------------------------|-------------------|
| n-Tridecane   | 2.37 mg/L ( $\pm 2\%$ ) | 2.0 ng C/ $\mu$ L |
| n-Tetradecane | 2.37 mg/L ( $\pm 2\%$ ) | 2.0 ng C/ $\mu$ L |
| n-Pentadecane | 23.7 mg/L ( $\pm 2\%$ ) | 20. ng C/ $\mu$ L |
| n-Hexadecane  | 23.7 mg/L ( $\pm 2\%$ ) | 20. ng C/ $\mu$ L |

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

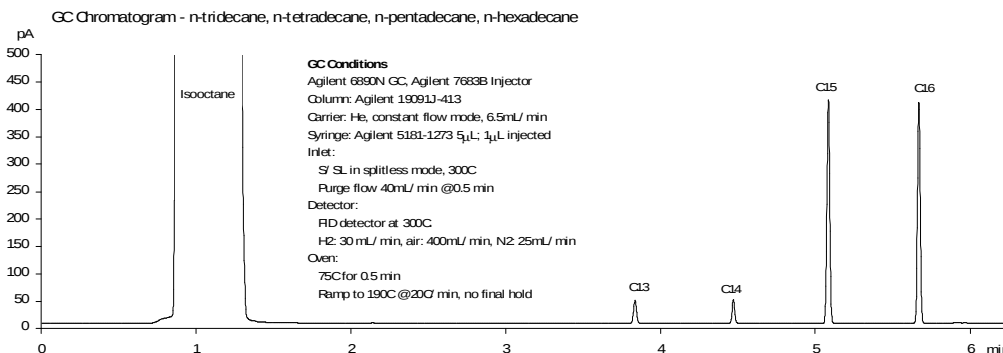
##### Purities:

|               |      |
|---------------|------|
| 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/NC SL 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



Date of release: 05 October, 2007

Date of expiration: 30 November, 2010

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