Agilent Technologies

ULTRA SCIENTIFIC
Analytical Solutions

# Certificate of Analysis

## FID MDL Sample

| | | | |
|---|---|---|---|
| **Agilent Part Number:** | **5188-5372** | **Sample Lot Number:** | **CF-0009** |

**Concentrations:**

| | | |
|---|---|---|
| n-Tridecane | 2.37 mg/L (±2%) | 2.0 ng C/µL |
| n-Tetradecane | 2.37 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**

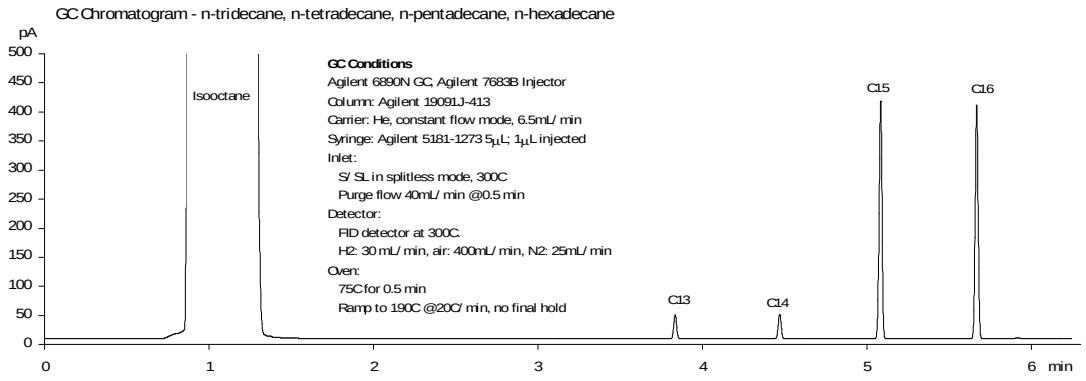
**Purities:**

| | |
|---|---|
| n-Tridecane | 99% |
| n-Tetradecane | 98% |
| n-Pentadecane | 99% |
| n-Hexadecane | 99% |
| 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




**Date of release: 07 January, 2009**

**Date of expiration: 28 February, 2012**

John Russo

**John Russo**
QC Manager
**ULTRA Scientific, Inc.**