



# Certificate of Analysis

## FID-TCD Performance Evaluation Sample Kit

**Agilent Part Number:** 5080-8842, 18710-60170

**Sample Lot Number:** CR-0633

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-tetradecane	0.218 g/L ( $\pm$ 0.5%)	0.033 w/w %
n-pentadecane	0.218 g/L ( $\pm$ 0.5%)	0.033 w/w %
n-hexadecane	0.218 g/L ( $\pm$ 0.5%)	0.033 w/w %

**Solvent:** hexane

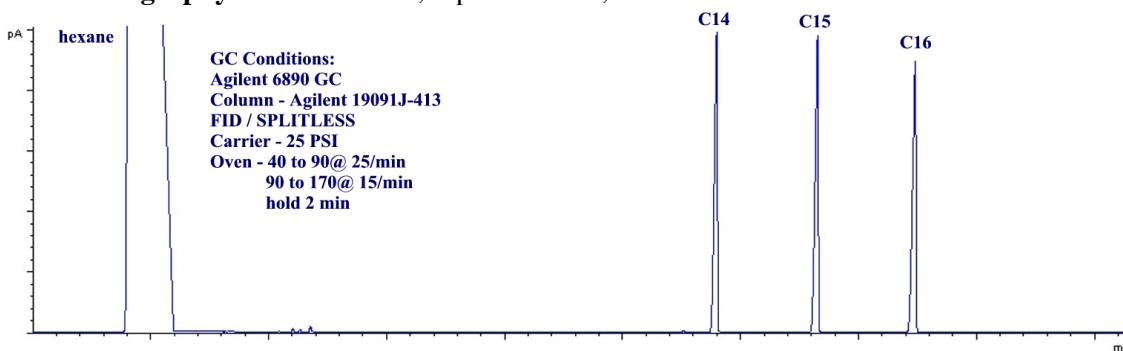
Calibrated Class A glassware and clean bottles were used in the manufacture of this standard. Balances used in the manufacture of this standard are calibrated with weights traceable to NIST in compliance with ANSI/NCSL Z-540-1 and ISO 9001.

**Purities:**

n-tetradecane	99%
n-pentadecane	99%
n-hexadecane	99%
hexane	99%

### Typical Analytical Spectrum or Chromatography

GC Chromatography – n-tetradecane, n-pentadecane, and n-hexadecane in hexane



**Date of release:** 20 February 2017  
**Date of expiration:** 31 March 2019

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