Agilent Technologies

Agilent J&W DB-225

A collection of citations to advance your research

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Energy and chemicals

Fast chemical fingerprinting analysis for biodiesel/diesel blends using commercial solid phase extraction (SPE) cartridge and gas chromatography–mass spectrometry (GC–MS)

Analytical Methods (2012)
Xinchao Ruan *et al.*

Tags
DB-225, HP-5, 6890 GC, 5973 MSD, energy and chemicals, biofuels and alternative energy

Abstract
Characterizations of n-alkanes, PAHs, petroleum biomarkers, and FAMEs were performed on an Agilent 6890/5973 GC/MSD fitted with Agilent J&W HP-5 and DB-225 columns, respectively. Published by the Royal Society of Chemistry.

Preparation and evaluation of biodiesel from *Sterculia foetida* seed oil

Journal of the American Oil Chemists Society, **89***, 891–896* (2012)
Ch. Bindhu *et al.*

Tags
DB-225, 6890N, energy and chemicals, biofuels and alternative energy

Abstract
The properties of biodiesel extracted from Sterculia sp. were analyzed using an Agilent J&W DB-225 column fitted to an Agilent 6890 GC with a FID detector and split/splitless injector. Published by Springer.

Food testing and agriculture

A study on the lipid components of rice in relation to palatability and storage

Journal of the Korean Society for Applied Biological Chemistry, **55**, 515-521 (2012)
Mi-Ra Yoon *et al.*

Tags
DB-225, HP-5, 6890 GC, 5973 MSD, food testing and agriculture, food processing and packaging

Abstract
The concentrations of squalene and phytosterols in stored rice were determined by GC/MS with an Agilent 6890/5973 MSD, equipped with Agilent J&W GC columns. Published by Springer.

Quantitative Determination for the Major Volatile Organic Compounds of *Tuber melanosporum* Fermentation System by Distillation–solid-Phase Extraction–Gas Chromatography

Food Analytical Methods, **5**, 651-658 (2012)
Ya-Jie Tang *et al.*

Tags
HP-35, HP-5, DB-225, food testing and agriculture

Abstract
The major volatile organic compounds of truffle were analyzed using Agilent J&W GC columns. Published by Springer.

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