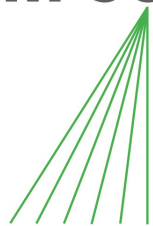


# M-Scan



Mass Spectrometry  
Consultants and Analysts

## *Fuel Analysis at M-Scan*

**M-Scan** was founded in 1979 to provide analytical and consulting services, particularly in organic mass spectrometry and chromatography. **M-Scan's** consulting laboratories in the UK, USA and Switzerland offer a full range of MS, GC and HPLC techniques and specialise in detailed compositional analysis. Appropriate analytical procedures are selected carefully to solve customer problems on a confidential, professional and cost-effective basis in accordance with GLP/cGMP as required.

**M-Scan** offers a novel approach to the detailed compositional analysis of fuels, incorporating GC-FID analysis of hydrocarbons and oxygenates on two columns and GC analysis of lead scavengers, alkyl leads and additives such as MMT. GC-MS is used to confirm GC peak assignments, to deconvolute overlapping GC peaks and to investigate the presence of anomalous components. Analytical data are presented on an individual compound and PONA basis.

This well established **M-Scan** analytical procedure is in regular use in the following areas:

- Compliance testing of racing fuels.
- QC analysis for fuel suppliers/blenders.
- Trackside "fingerprinting" of racing fuels.
- Independent investigation of racing fuel disputes.
- Analytical support for fuel development.
- Investigation of unusual fuel characteristics.
- Additive analysis using FABMS, ESMS and MALDITOF MS.

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