



GC-MS

Gas Chromatography with Mass Spectrometry detection (GC-MS) is one of IPL's most powerful analytical techniques. Its 'power' lies in its ability to separate organic mixtures then identify and quantify individual compounds within the mixture.

## GC-MS

GC-MS has many applications within the petroleum industry. It can be used to identify and quantify contamination at ppm/ppb levels within hydrocarbons, biofuels and aqueous liquid samples. It is a great problem solving tool and is applicable to a number of standard test methods such as::

- Fame in Jet A1
- Fingerprinting crude oils and fuels to identify and quantify individual compounds to identify pollution sources
- Environmental soils and water samples for Polyaromatic hydrocarbons, Total Petroleum Hydrocarbon and BTEX

## Why choose IPL's expertise?

- Our instrumentation can be configured for electron impact ionization or chemical ionisation which enables us to better determine the identity of compounds within a mixture
- We identify the presence of *known* or *unknown* compounds in complex organic sample matrices
- We provide a turn-around time of 24 hours from sample receipt

Our team of dedicated GC-MS specialists are ready to provide a service to meet any of your analytical requirements. If GC-MS sounds like an ideal technique for your analysis don't hesitate to contact our dedicated GC-MS team..



> Contact our GC-MS specialists:  
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