



# Hydrocarbon Characterization (Gas Chromatography) Analysis

**Accurate  
Environmental**



**Lab & Training  
Center offices:**

**STILLWATER**

505 S. Lowry St.  
Stillwater, OK 74074

**TULSA**

3910 E 51st. St  
Tulsa, OK 74145

**OKLAHOMA CITY**

12036 N. Penn  
OKC, OK 73120

## Product analysis \$215.00 per sample

For free phase samples that do not require prep for analysis.  
Includes electronic copy of results (pdf) with labels on most of  
the more common peaks.

## Soil analysis \$215.00 per sample

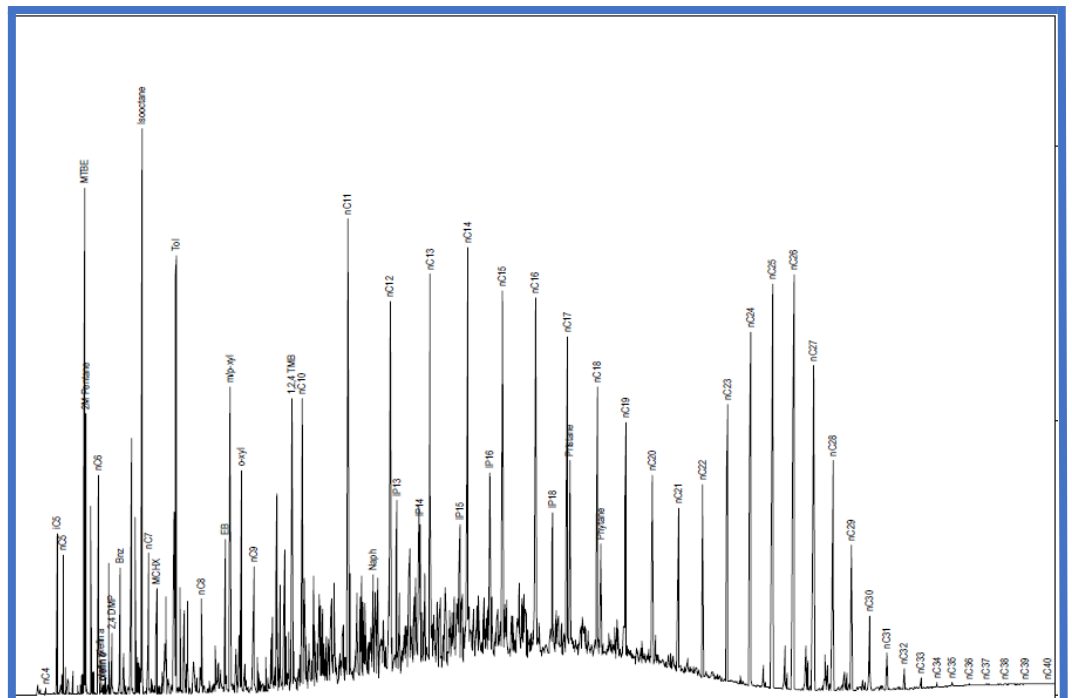
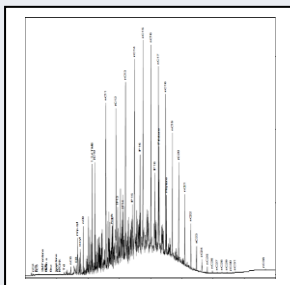
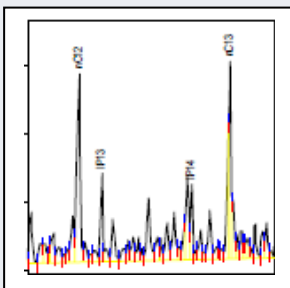
Includes solvent extraction, and electronic copy of results (pdf)  
with labels on most of the more common peaks.

## Water analysis \$215.00 per sample

Includes solvent extraction, and electronic copy of results (pdf)  
with labels on most of the more common peaks.

## Other Services

- Density \$45.00 per sample
- Viscosity \$85.00 per sample
- Air/Water Interfacial Tension \$95.00 per sample
- Air/NAPL Interfacial Tension \$95.00 per sample
- NAPL/Water Interfacial Tension \$105.00 per sample





## Sample Requirements

### Product hydrocarbon characterization (gas chromatography)

Sample size: Requires a few drops of sample, 40 ml preferred.

Container: Prefer a 40 ml glass vial with Teflon lined cap.

Preservation: No preservation necessary.

### Soil hydrocarbon characterization (gas chromatography)

Sample size: Requires 20 grams of sample.

Container: Prefer a glass container with a Teflon seal.

Preservation: Collect and ship on ice.

### Water hydrocarbon characterization (gas chromatography)

Sample size: Requires 40 ml of sample.

Container: Prefer 40 ml vials with Teflon seals.

Preservation: Collect and ship on ice

### Density of free product (ASTM Method 4052)

Sample size: Requires 5 ml of sample.

Container: Prefer a glass container with a Teflon seal.

Preservation: No preservation necessary.

### Viscosity (Brookfield DV-II)

Sample size: Requires 2 ml of sample.

Container: Prefer a glass container with a Teflon seal.

Preservation: No preservation necessary.

### Surface Tension of Water (ASTM Method D971)

Sample size: Requires 80 ml of sample (can be two 40 ml vials).

Container: Prefer a glass container with a Teflon seal.

Preservation: Collect and ship on ice.

### Surface Tension of NAPL (ASTM Method D971)

Sample size: Requires 40 ml of sample.

Container: Prefer a glass container with a Teflon seal.

Preservation: No preservation necessary.

### Interfacial Tension of Water and NAPL (ASTM Method D971)

Sample size: Requires 80 ml of water and 40 ml of NAPL sample (can use the same samples as used for the surface tension measurements).

Container: Prefer a glass container with a Teflon seal.

Preservation: Collect and ship on ice, no preservation necessary.

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range of services  
offered by  
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