

# Gas Chromatography Report

## Organic Geochemistry Laboratory, Geological Survey of Canada - Calgary

Database Reference: Gas Chromatography Data for Crude Oils, Condensates and Rock Extracts,

Geoscience Data Repository, Earth Sciences Sector, Natural Resources Canada

For data reference, general terms and conditions [follow this link](#) or [go to NRCan website](#)

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Sample ID: X08188

GSC Catalog No: C-506680

Acquisition Date: 22-Jul-1993

Location: Big Marsh #5

Upper Depth (ft): 748.0

Lower Depth (ft): 753.0

Fraction: saturate

Instrument: Varian 3800 GC

Temp Program: 60°C, 6°C/min to 300°C, 30 min hold

Column: DB-1, 30m x 0.25mm ID, 0.25 micrometers film thickness

Injection: split

Sampling Rate (/sec): 3.333

Data Processing Software: TotalChrom 6.3.1

| TIME  | COMPOUND NAME | AREA    | PEAK    |
|-------|---------------|---------|---------|
| 11.18 | C12           | 2230.72 | 891.32  |
| 13.53 | C13           | 6596.01 | 2711.86 |
| 15.81 | C14           | 9031.92 | 3771.50 |
| 18.00 | C15           | 9333.03 | 3737.60 |
| 20.07 | C16           | 8550.51 | 3440.04 |
| 22.05 | C17           | 7779.99 | 2894.42 |
| 22.23 | Pr            | 768.22  | 226.50  |
| 23.93 | C18           | 5811.28 | 2239.29 |
| 24.18 | Ph            | 330.63  | 101.58  |
| 25.73 | C19           | 5096.16 | 1836.53 |
| 27.44 | C20           | 4074.71 | 1570.32 |
| 29.08 | C21           | 3478.85 | 1254.28 |
| 30.65 | C22           | 2917.49 | 1053.50 |
| 32.16 | C23           | 2446.74 | 806.68  |
| 33.61 | C24           | 1937.29 | 660.45  |
| 35.01 | C25           | 1564.36 | 521.51  |
| 36.37 | C26           | 1163.22 | 379.89  |
| 37.67 | C27           | 1023.10 | 290.68  |
| 38.95 | C28           | 834.38  | 222.52  |
| 40.22 | C29           | 624.06  | 169.97  |
| 41.52 | C30           | 473.90  | 104.86  |
| 42.95 | C31           | 303.33  | 72.38   |
| 44.57 | C32           | 168.02  | 44.76   |

# Saturated Hydrocarbons Gas Chromatogram

GSC No: C-506680  
Location: Big Marsh #5  
Depth (ft): 748.0 - 753.0

