

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

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Sample ID: L00248

Acquisition Date: 05-Jan-2012

Location: HEBRON I-13

UWI: 300I134640048300

Upper Depth (m): 1863.0

Lower Depth (m): 1876.0

Fraction: gasoline

Instrument: Agilent 7890A GC

Temp Program: 30°C 10 min hold, 1°C/min to 40°C 25 min hold, 50°C/min to 200°C

Column: DB-1, 60m x 0.32mm ID, 1.0 micrometer film thickness

Injection: split

Sampling Rate (/sec): 3.030

Data Processing Software: TotalChrom 6.3.1

| TIME | COMPOUND NAME | AREA | HEIGHT |
|-------|---------------|-----------|----------|
| 5.89 | nC5 | 1183.50 | 297.86 |
| 8.63 | 2MC5 | 852.97 | 150.64 |
| 9.46 | 3MC5 | 896.37 | 144.30 |
| 10.64 | nC6 | 14333.99 | 2749.74 |
| 12.52 | 22DMC5 | 1188.87 | 215.42 |
| 12.67 | MCYC5 | 9868.73 | 1464.42 |
| 13.07 | 24DMC5 | 3470.96 | 497.14 |
| 13.50 | 223TMC4 | 692.08 | 98.00 |
| 14.77 | BEN | 3732.67 | 663.73 |
| 15.44 | 33DMC5 | 2557.57 | 345.48 |
| 15.77 | CYC6 | 28208.11 | 3837.61 |
| 16.87 | 2MC6 | 11220.70 | 1666.42 |
| 17.02 | 23DMC5 | 13758.77 | 1852.15 |
| 17.28 | 11DMCYC5 | 15344.61 | 1985.12 |
| 17.85 | 3MC6 | 26719.97 | 3747.88 |
| 18.51 | 1c3DMCYC5 | 16965.01 | 2321.17 |
| 18.84 | 1t3DMCYC5 | 15930.91 | 2169.23 |
| 19.17 | 1t2DMCYC5 | 27140.39 | 2995.48 |
| 20.88 | nC7 | 16947.36 | 2471.39 |
| 23.37 | MCYC6 | 228708.25 | 27639.49 |
| 23.90 | 22DMC6 | 32317.33 | 3624.16 |
| 25.17 | ECYC5 | 21247.69 | 2557.34 |
| 25.58 | 25DMC6 | 15377.87 | 1728.63 |
| 25.86 | 24DMC6 | 28841.60 | 3193.38 |
| 26.66 | 223TMC5 | 25210.34 | 2713.97 |
| 28.46 | 234TMC5 | 22107.26 | 2231.56 |
| 28.97 | TOL | 22117.62 | 2296.06 |
| 32.08 | 2MC7 | 17200.54 | 1619.01 |
| 34.07 | 3MC7 | 85080.59 | 6181.33 |
| 40.26 | 1c4DMCYC6 | 61696.72 | 4117.32 |
| 40.64 | nC8 | 25495.36 | 1888.14 |