

# 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, Lands and Minerals Sector, Natural Resources Canada  
For data reference, general terms and conditions go to <http://open.canada.ca/en/open-government-licence-canada/>  
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Sample ID: L00059

GSC Catalog No: C-557516

Acquisition Date: 2001-05-16

Location: PARSONS D-20

UWI: 300D206900133300

Upper Depth (ft): 11300.0

Lower Depth (ft): 11320.0

Fraction: gasoline

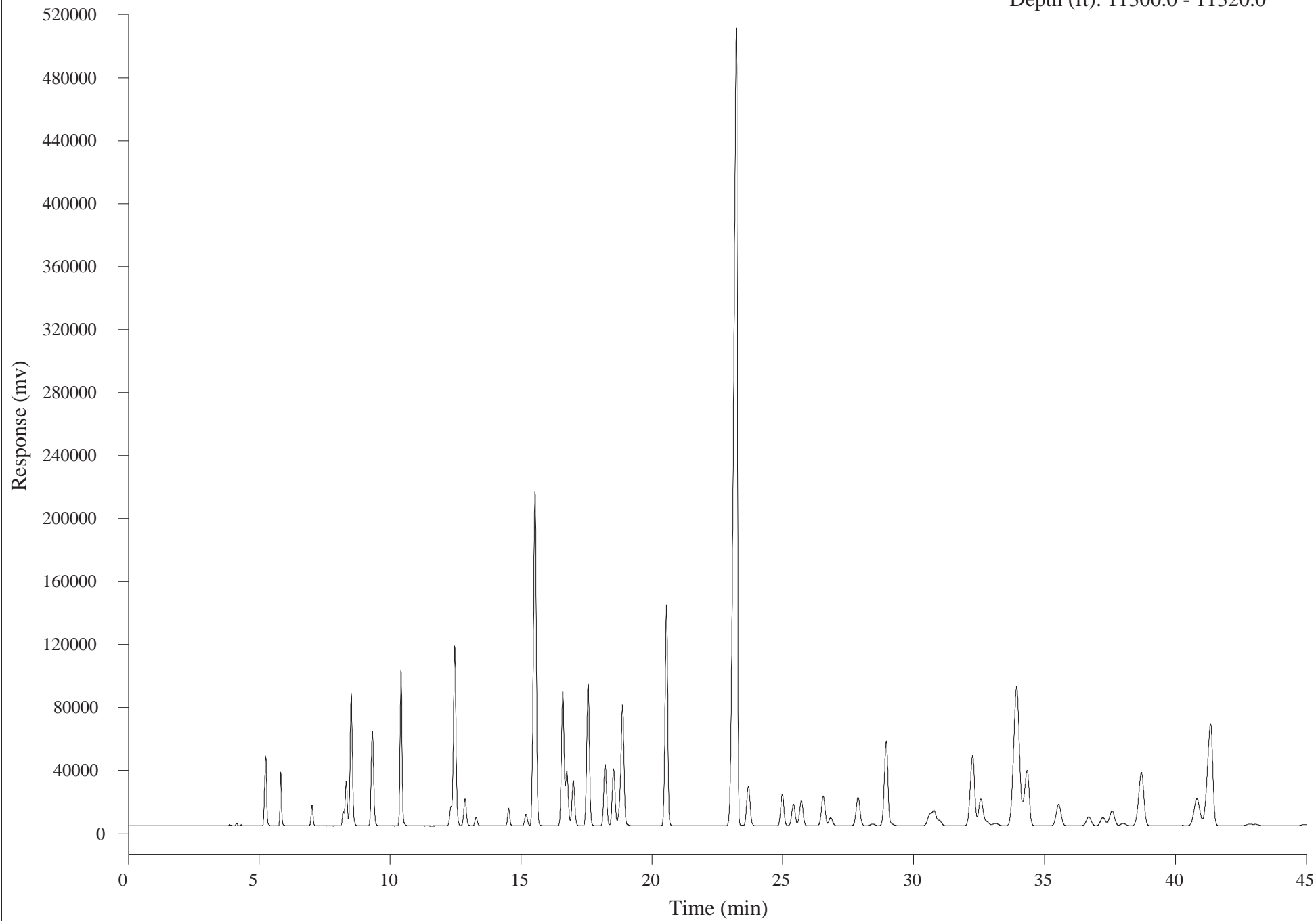
Instrument: HP 5890 GC

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

| <b>Time</b> | <b>Compound Name</b> | <b>Area</b> | <b>Height</b> |
|-------------|----------------------|-------------|---------------|
| 5.25        | iC5                  | 241213.00   | 43515.31      |
| 5.82        | nC5                  | 133460.00   | 34538.17      |
| 7.02        | 22DMC4               | 65852.00    | 13106.28      |
| 8.21        | CYC5                 | 38195.00    | 8772.65       |
| 8.33        | 23DMC4               | 163536.00   | 28158.58      |
| 8.52        | 2MC5                 | 519086.00   | 83958.31      |
| 9.32        | 3MC5                 | 397376.00   | 60393.16      |
| 10.42       | nC6                  | 508567.00   | 97968.75      |
| 12.33       | 22DMC5               | 52626.00    | 12475.51      |
| 12.47       | MCYC5                | 791185.00   | 113992.29     |
| 12.87       | 24DMC5               | 120456.00   | 16985.56      |
| 13.29       | 223TMC4              | 36063.00    | 5298.16       |
| 14.53       | BEN                  | 64858.00    | 11242.64      |
| 15.19       | 33DMC5               | 53262.00    | 7291.07       |
| 15.54       | CYC6                 | 1654236.00  | 212397.22     |
| 16.60       | 2MC6                 | 613731.00   | 85043.61      |
| 16.75       | 23DMC5               | 241879.00   | 35064.32      |
| 17.00       | 11DMCYC5             | 213359.00   | 28619.49      |
| 17.57       | 3MC6                 | 660494.00   | 90250.98      |
| 18.22       | 1c3DMCYC5            | 298817.00   | 39218.78      |
| 18.54       | 1t3DMCYC5            | 276339.00   | 35897.28      |
| 18.88       | 1t2DMCYC5            | 657517.00   | 76375.55      |
| 20.56       | nC7                  | 979363.00   | 140094.54     |
| 23.23       | MCYC6                | 5073496.00  | 506849.90     |
| 23.69       | 22DMC6               | 231759.00   | 25231.00      |
| 24.99       | ECYC5                | 172383.00   | 20101.29      |
| 25.41       | 25DMC6               | 125201.00   | 13588.98      |
| 25.71       | 24DMC6               | 148549.00   | 15792.68      |
| 26.55       | 223TMC5              | 185697.00   | 18788.17      |
| 28.43       | 234TMC5              | 11073.00    | 1007.25       |
| 28.96       | TOL                  | 519188.00   | 53651.17      |
| 32.25       | 2MC7                 | 519194.00   | 44523.05      |
| 34.34       | 3MC7                 | 452534.00   | 35252.91      |
| 40.82       | 1c4DMCYC6            | 268239.00   | 17136.72      |
| 41.34       | nC8                  | 941003.00   | 64622.29      |

# Gasoline Gas Chromatogram

GSC No: C-557516  
Location: PARSONS D-20  
Depth (ft): 11300.0 - 11320.0



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Sample ID: L00059

GSC Catalog No: C-557516

Acquisition Date: 2000-03-27

Location: PARSONS D-20

UWI: 300D206900133300

Upper Depth (ft): 11300.0

Lower Depth (ft): 11320.0

Fraction: saturate

Instrument: Varian 3800 GC

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

| <b>Time</b> | <b>Compound Name</b> | <b>Area</b> | <b>Height</b> |
|-------------|----------------------|-------------|---------------|
| 9.86        | C12                  | 405.94      | 191.48        |
| 12.10       | C13                  | 1569.88     | 765.15        |
| 14.27       | C14                  | 10311.44    | 4749.39       |
| 16.35       | C15                  | 19413.53    | 8141.73       |
| 18.33       | C16                  | 20140.41    | 8583.80       |
| 20.20       | C17                  | 20825.58    | 8474.38       |
| 20.38       | Pr                   | 13887.29    | 4730.97       |
| 21.99       | C18                  | 20237.78    | 8188.71       |
| 22.20       | Ph                   | 4492.25     | 1354.15       |
| 23.69       | C19                  | 20454.11    | 8101.99       |
| 25.31       | C20                  | 18562.17    | 7670.24       |
| 26.87       | C21                  | 18174.14    | 7359.02       |
| 28.35       | C22                  | 17152.40    | 6670.19       |
| 29.78       | C23                  | 15977.56    | 6533.60       |
| 31.14       | C24                  | 11794.92    | 4819.10       |
| 32.45       | C25                  | 9733.45     | 3912.09       |
| 33.71       | C26                  | 5885.81     | 2589.78       |
| 34.93       | C27                  | 4309.90     | 1800.10       |
| 36.11       | C28                  | 2621.31     | 960.44        |
| 37.25       | C29                  | 1622.94     | 613.67        |
| 38.35       | C30                  | 649.49      | 262.17        |
| 39.42       | C31                  | 247.69      | 91.64         |
| 40.47       | C32                  | 53.14       | 20.37         |

# Saturated Hydrocarbons Gas Chromatogram

GSC No: C-557516  
Location: PARSONS D-20  
Depth (ft): 11300.0 - 11320.0

