

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: L00645

GSC Catalog No: C-559208

Acquisition Date: 2001-06-21

Location: TUK G-48

UWI: 300G486920133000

Upper Depth (ft): 5137.0

Lower Depth (ft): 5232.0

Fraction: gasoline

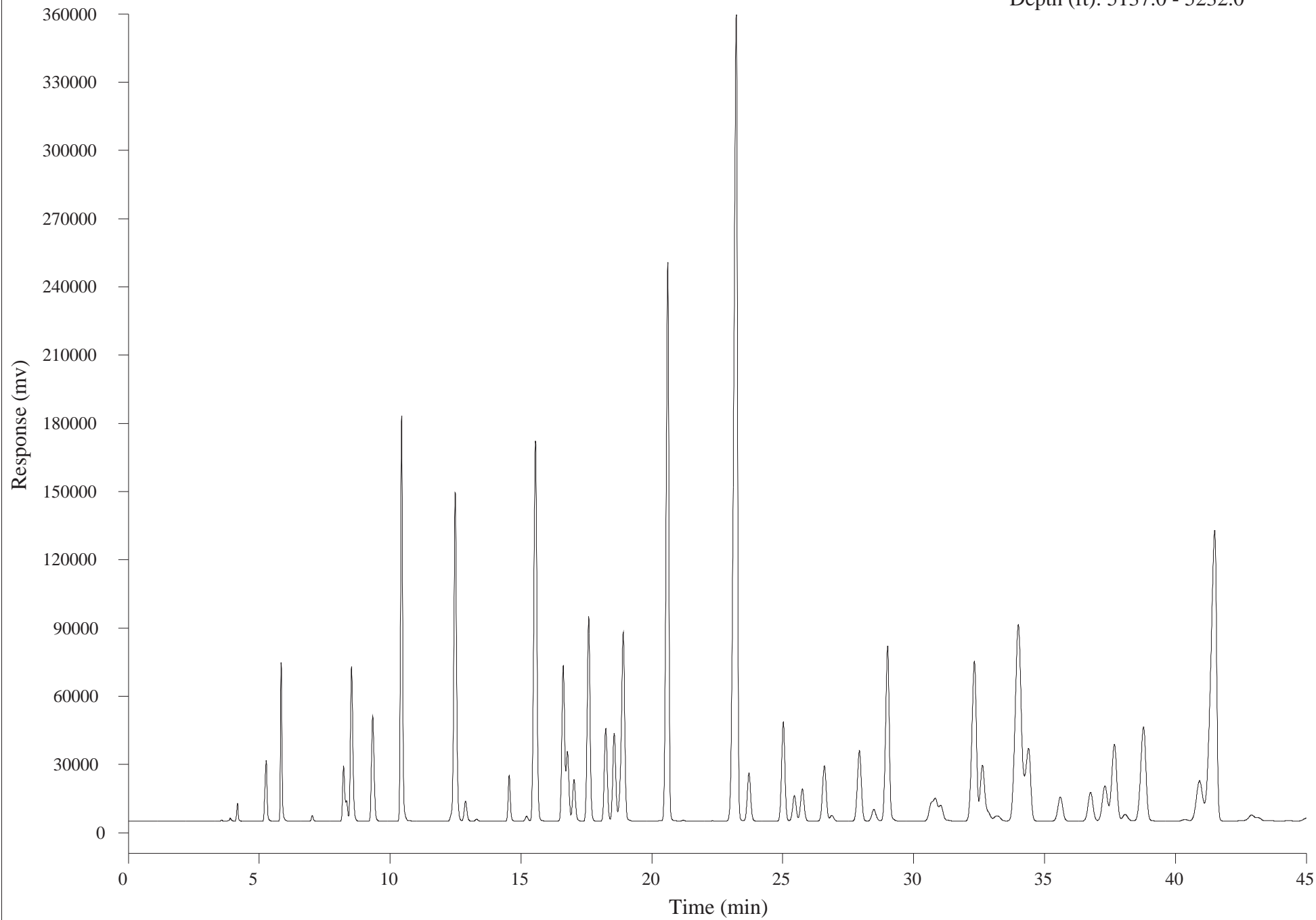
Instrument: HP 5890 GC

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

| Time | Compound Name | Area | Height |
|-------------|----------------------|-------------|---------------|
| 5.27 | iC5 | 151910.00 | 26831.00 |
| 5.84 | nC5 | 274121.00 | 69780.14 |
| 7.03 | 22DMC4 | 12636.00 | 2606.60 |
| 8.22 | CYC5 | 136230.00 | 24382.73 |
| 8.33 | 23DMC4 | 43389.00 | 9152.56 |
| 8.53 | 2MC5 | 438787.00 | 68228.89 |
| 9.34 | 3MC5 | 318684.00 | 46206.24 |
| 10.44 | nC6 | 944869.00 | 178048.37 |
| 12.49 | MCYC5 | 1023746.00 | 144515.19 |
| 12.88 | 24DMC5 | 65824.00 | 8868.74 |
| 13.31 | 223TMC4 | 6282.00 | 906.78 |
| 14.55 | BEN | 116114.00 | 20028.46 |
| 15.22 | 33DMC5 | 16046.00 | 2183.07 |
| 15.55 | CYC6 | 1363793.00 | 167339.86 |
| 16.62 | 2MC6 | 508026.00 | 68467.91 |
| 16.78 | 23DMC5 | 220288.00 | 30610.37 |
| 17.03 | 11DMCYC5 | 141100.00 | 18269.39 |
| 17.59 | 3MC6 | 677657.00 | 90003.90 |
| 18.24 | 1c3DMCYC5 | 320041.00 | 40783.71 |
| 18.56 | 1t3DMCYC5 | 306855.00 | 38713.71 |
| 18.91 | 1t2DMCYC5 | 744032.00 | 83010.48 |
| 20.61 | nC7 | 1786936.00 | 246017.39 |
| 23.22 | MCYC6 | 3469266.00 | 354634.95 |
| 23.71 | 22DMC6 | 188953.00 | 21033.52 |
| 25.02 | ECYC5 | 385067.00 | 43608.76 |
| 25.45 | 25DMC6 | 106424.00 | 11206.15 |
| 25.75 | 24DMC6 | 136077.00 | 14101.02 |
| 26.59 | 223TMC5 | 248610.00 | 24305.23 |
| 28.48 | 234TMC5 | 57817.00 | 5131.40 |
| 29.01 | TOL | 749988.00 | 77049.89 |
| 32.32 | 2MC7 | 846371.00 | 70361.49 |
| 34.39 | 3MC7 | 428807.00 | 31989.48 |
| 40.92 | 1c4DMCYC6 | 296693.00 | 17650.08 |
| 41.50 | nC8 | 2003797.00 | 127863.47 |

Gasoline Gas Chromatogram

GSC No: C-559208
Location: TUK G-48
Depth (ft): 5137.0 - 5232.0



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Sample ID: L00645

GSC Catalog No: C-559208

Acquisition Date: 1986-12-08

Location: TUK G-48

UWI: 300G486920133000

Upper Depth (ft): 5137.0

Lower Depth (ft): 5232.0

Fraction: saturate

Instrument: Varian 3800 GC

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

| Time | Compound Name | Area | Height |
|-------------|----------------------|-------------|---------------|
| 5.09 | C11 | 1460.08 | 410.02 |
| 7.73 | C12 | 4405.78 | 1042.05 |
| 10.72 | C13 | 6301.98 | 1443.23 |
| 13.80 | C14 | 7578.91 | 1535.60 |
| 16.83 | C15 | 7582.06 | 1468.04 |
| 19.73 | C16 | 6809.87 | 1241.71 |
| 22.54 | C17 | 5891.87 | 1069.54 |
| 22.78 | Pr | 3887.12 | 705.04 |
| 25.21 | C18 | 5101.47 | 931.13 |
| 25.50 | Ph | 3179.42 | 527.99 |
| 27.78 | C19 | 4292.73 | 838.24 |
| 30.23 | C20 | 3917.24 | 807.12 |
| 32.59 | C21 | 3161.12 | 695.31 |
| 34.84 | C22 | 2984.10 | 621.23 |
| 37.00 | C23 | 2465.65 | 516.67 |
| 39.08 | C24 | 2327.93 | 493.18 |
| 41.08 | C25 | 1809.78 | 360.07 |
| 43.03 | C26 | 1821.48 | 352.75 |
| 44.89 | C27 | 1052.66 | 203.78 |
| 46.70 | C28 | 923.49 | 171.88 |
| 48.45 | C29 | 519.50 | 108.44 |
| 50.16 | C30 | 326.58 | 66.51 |
| 52.07 | C31 | 181.22 | 31.34 |

Saturated Hydrocarbons Gas Chromatogram

GSC No: C-559208
Location: TUK G-48
Depth (ft): 5137.0 - 5232.0

