

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: L02026

GSC Catalog No: C-558600

Acquisition Date: 1995-05-25

Location: 8-6-16-11W4

UWI: 102080601611W400

Upper Depth (m): 966.0

Lower Depth (m): 968.0

Fraction: gasoline

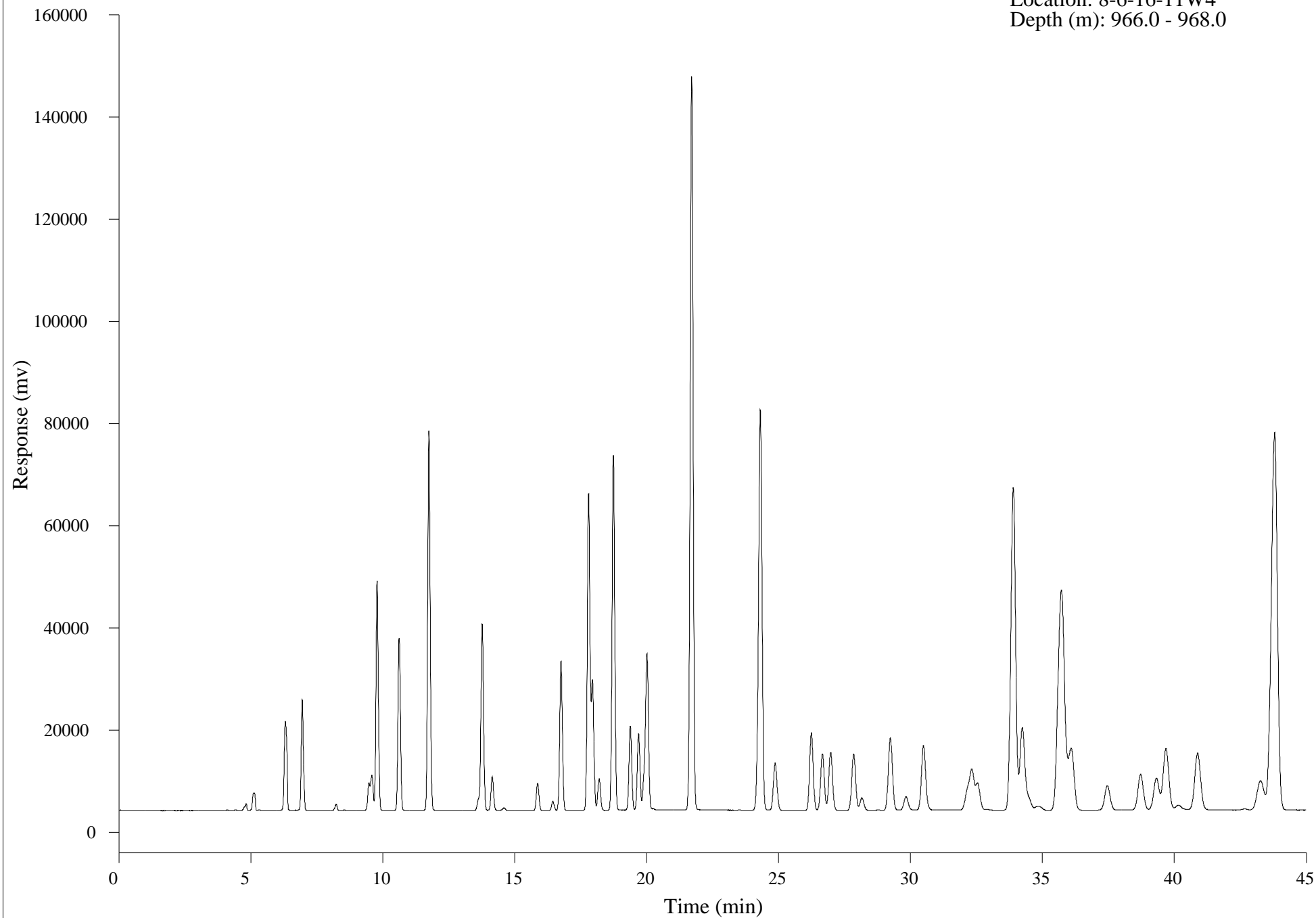
Instrument: HP 5890 GC

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

| Time | Compound Name | Area | Height |
|-------|---------------|------------|-----------|
| 6.31 | iC5 | 122626.00 | 17440.53 |
| 6.95 | nC5 | 123002.00 | 21728.13 |
| 8.24 | 22DMC4 | 7341.00 | 1259.63 |
| 9.48 | CYC5 | 29246.00 | 5399.81 |
| 9.59 | 23DMC4 | 47801.00 | 6871.72 |
| 9.79 | 2MC5 | 281763.00 | 44920.21 |
| 10.62 | 3MC5 | 220509.00 | 33738.39 |
| 11.75 | nC6 | 486568.00 | 74270.48 |
| 13.65 | 22DMC5 | 12562.00 | 2956.11 |
| 13.77 | MCYC5 | 259117.00 | 37017.00 |
| 14.15 | 24DMC5 | 44227.00 | 6599.44 |
| 14.60 | 223TMC4 | 3342.00 | 484.44 |
| 15.87 | BEN | 37176.00 | 5275.23 |
| 16.45 | 33DMC5 | 12591.00 | 1788.49 |
| 16.76 | CYC6 | 207444.00 | 29216.37 |
| 17.80 | 2MC6 | 446141.00 | 62030.55 |
| 17.95 | 23DMC5 | 164809.00 | 25582.73 |
| 18.21 | 11DMCYC5 | 45288.00 | 6219.07 |
| 18.74 | 3MC6 | 495357.00 | 69466.79 |
| 19.39 | 1c3DMCYC5 | 118510.00 | 16440.52 |
| 19.70 | 1t3DMCYC5 | 106366.00 | 14764.90 |
| 20.02 | 1t2DMCYC5 | 264963.00 | 30435.46 |
| 21.71 | nC7 | 1103457.00 | 143370.58 |
| 24.31 | MCYC6 | 724999.00 | 78327.81 |
| 24.88 | 22DMC6 | 89073.00 | 9248.42 |
| 26.25 | ECYC5 | 144721.00 | 15212.98 |
| 26.67 | 25DMC6 | 107318.00 | 11046.67 |
| 26.98 | 24DMC6 | 113164.00 | 11336.71 |
| 27.85 | 223TMC5 | 113947.00 | 11064.17 |
| 29.83 | 234TMC5 | 30295.00 | 2656.51 |
| 30.50 | TOL | 141902.00 | 12653.61 |
| 33.90 | 2MC7 | 794646.00 | 62977.28 |
| 36.10 | 3MC7 | 170135.00 | 12171.23 |
| 43.27 | 1c4DMCYC6 | 102699.00 | 5722.70 |
| 43.80 | nC8 | 1211079.00 | 73906.40 |

Gasoline Gas Chromatogram

Lab Id: L02026
GSC No: C-558600
Location: 8-6-16-11W4
Depth (m): 966.0 - 968.0



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Sample ID: L02026

GSC Catalog No: C-558600

Acquisition Date: 1996-09-11

Location: 8-6-16-11W4

UWI: 102080601611W400

Upper Depth (m): 966.0

Lower Depth (m): 968.0

Fraction: saturate

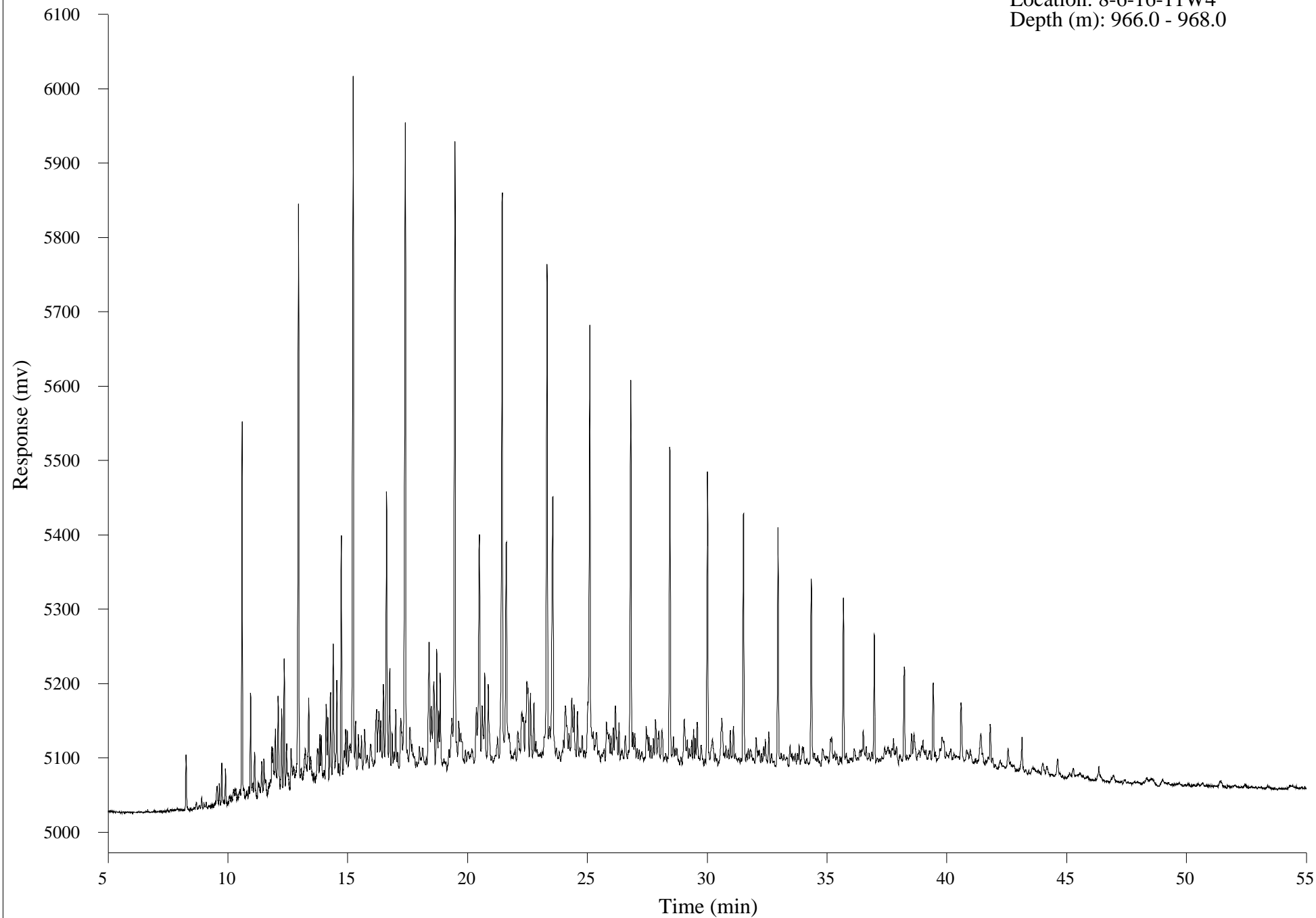
Instrument: Varian 3800 GC

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

| Time | Compound Name | Area | Height |
|-------|---------------|---------|--------|
| 8.26 | C11 | 163.82 | 73.63 |
| 10.59 | C12 | 1118.81 | 500.80 |
| 12.95 | C13 | 2108.91 | 775.16 |
| 15.23 | C14 | 2714.64 | 932.42 |
| 17.40 | C15 | 2692.10 | 852.08 |
| 19.48 | C16 | 2488.22 | 813.62 |
| 21.45 | C17 | 2400.48 | 769.38 |
| 21.62 | Pr | 1257.49 | 291.14 |
| 23.32 | C18 | 1935.79 | 641.83 |
| 23.56 | Ph | 1256.53 | 337.07 |
| 25.11 | C19 | 1851.49 | 561.59 |
| 26.82 | C20 | 1494.07 | 501.08 |
| 28.45 | C21 | 1249.77 | 418.49 |
| 30.02 | C22 | 1100.81 | 383.98 |
| 31.52 | C23 | 1034.20 | 333.96 |
| 32.96 | C24 | 906.69 | 315.11 |
| 34.35 | C25 | 756.08 | 249.30 |
| 35.69 | C26 | 663.37 | 222.42 |
| 36.98 | C27 | 489.80 | 171.71 |
| 38.23 | C28 | 434.14 | 128.84 |
| 39.44 | C29 | 318.78 | 102.01 |
| 40.60 | C30 | 291.93 | 76.98 |
| 41.82 | C31 | 146.11 | 49.31 |
| 43.14 | C32 | 138.61 | 43.51 |

Saturated Hydrocarbons Gas Chromatogram

Lab Id: L02026
GSC No: C-558600
Location: 8-6-16-11W4
Depth (m): 966.0 - 968.0



Gas Chromatography - Mass Spectrometry Report

Organic Geochemistry Laboratory, Geological Survey of Canada - Calgary

Database Reference: Gas Chromatography - Mass Spectrometry Data for Crude Oils, Condensates and Rock Extracts,
Geoscience Data Repository, Lands and Minerals Sector, Natural Resources Canada

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Sample ID: L02026

GSC Catalog No: C-558600

Acquisition Date: 1997-01-21

Location: 8-6-16-11W4

UWI: 102080601611W400

Upper Depth (m): 966.0

Lower Depth (m): 968.0

Fraction: saturate

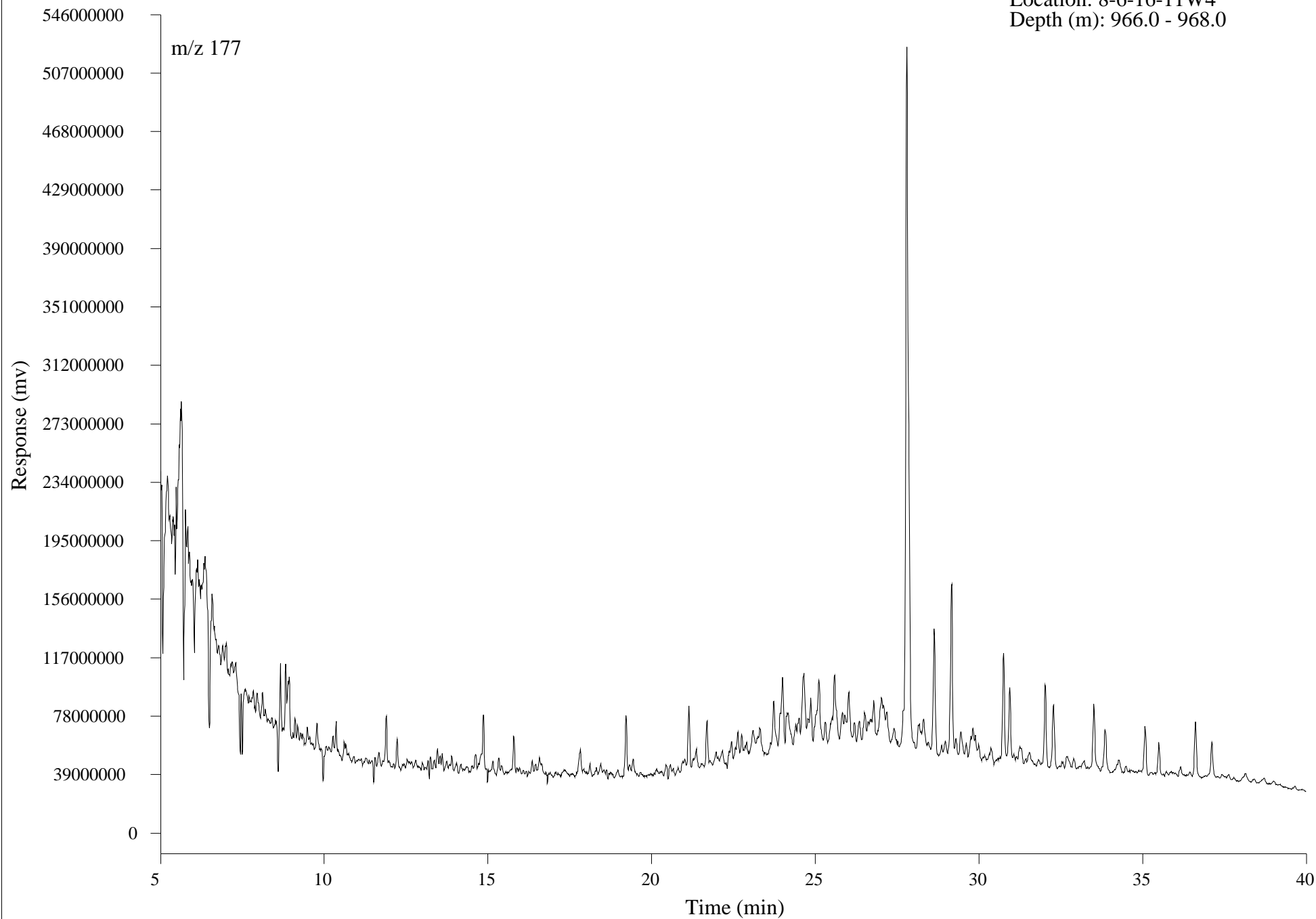
Instrument: HP 5890 GC/VG70SQ MS

MS Mode: Selected Ion Monitoring + EI

Column: DB-5ms, 30m x 0.32mm ID, 0.25 micrometers film thickness

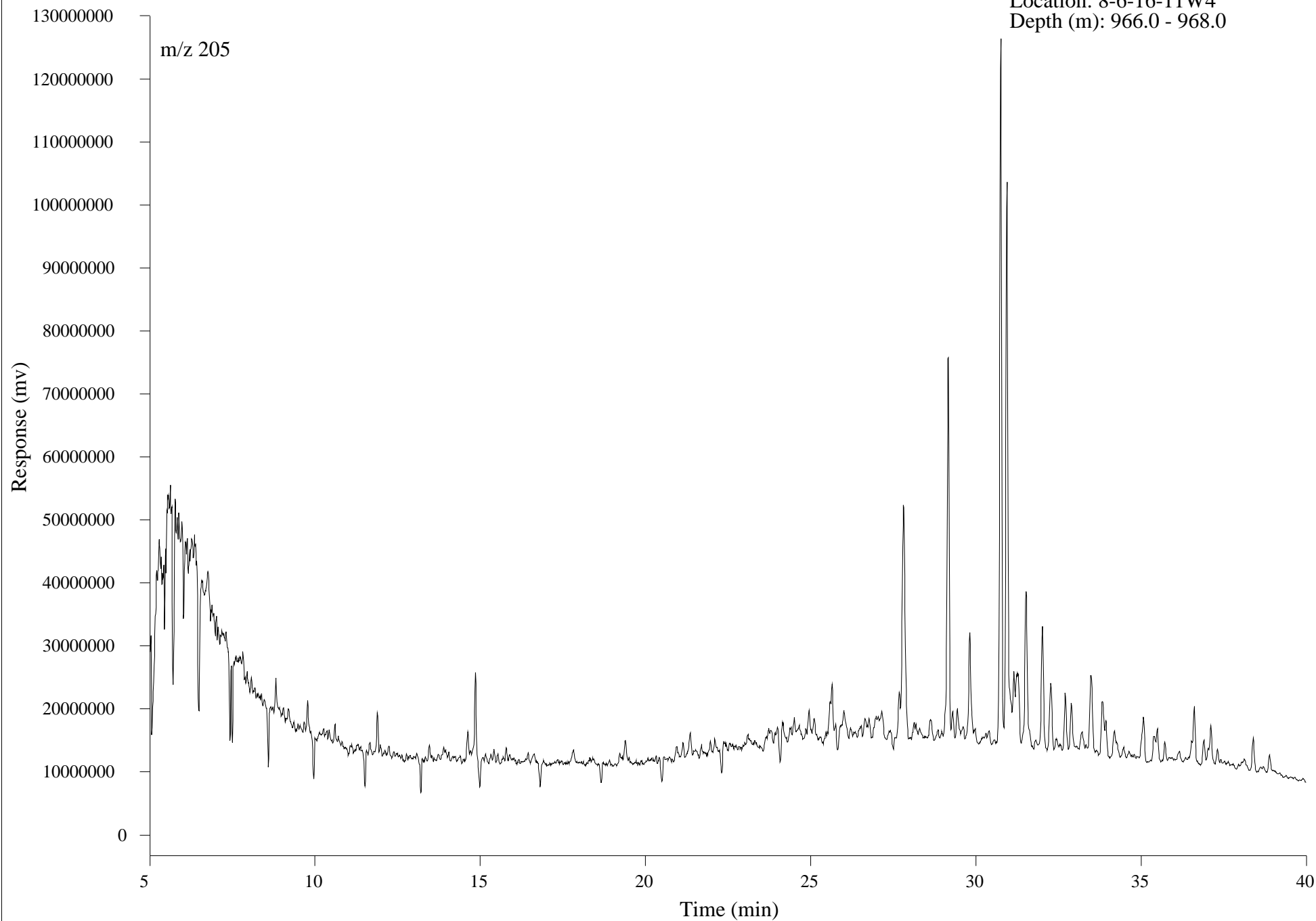
Saturated Hydrocarbons Mass Chromatogram

Lab Id: L02026
GSC No: C-558600
Location: 8-6-16-11W4
Depth (m): 966.0 - 968.0



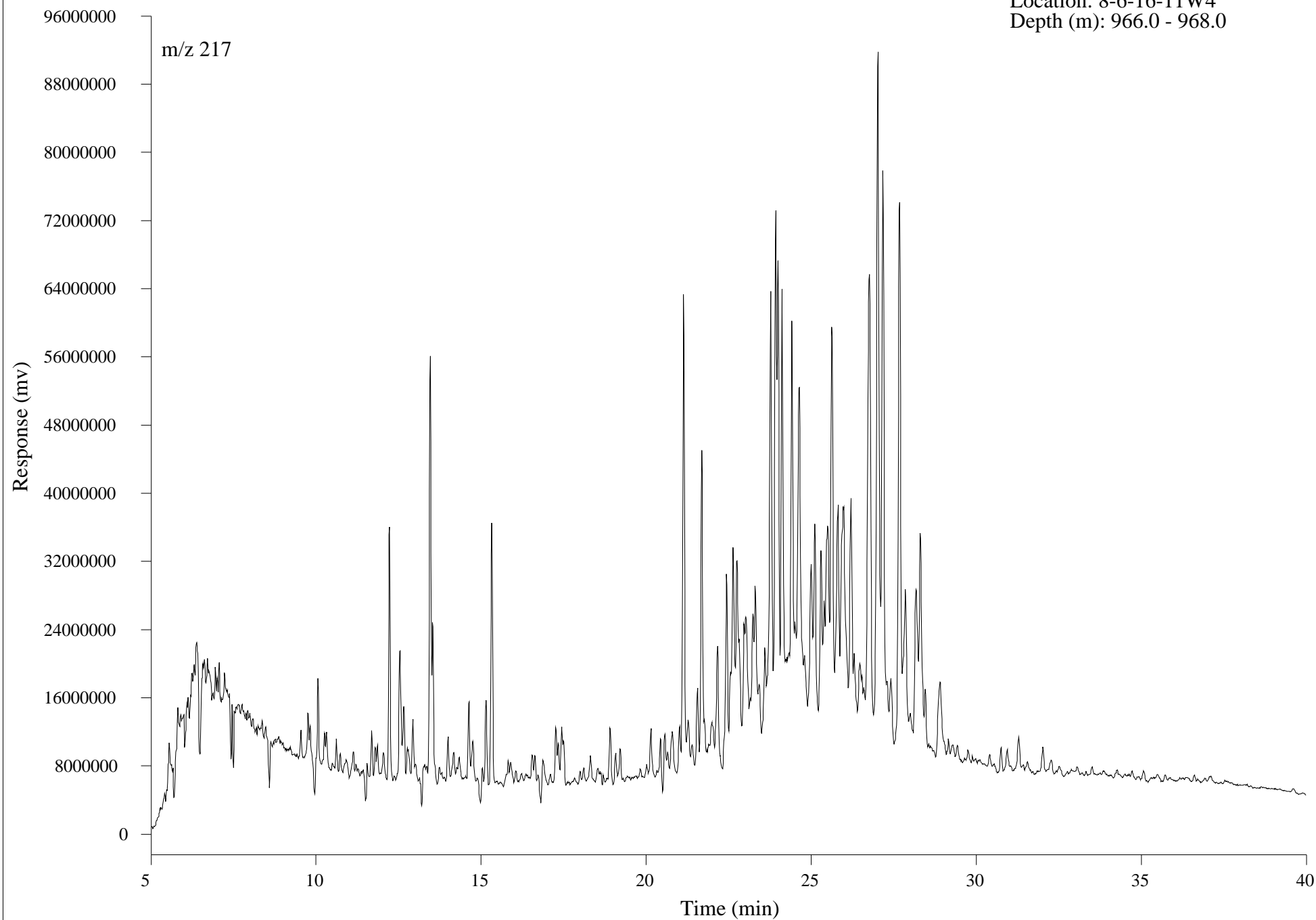
Saturated Hydrocarbons Mass Chromatogram

Lab Id: L02026
GSC No: C-558600
Location: 8-6-16-11W4
Depth (m): 966.0 - 968.0



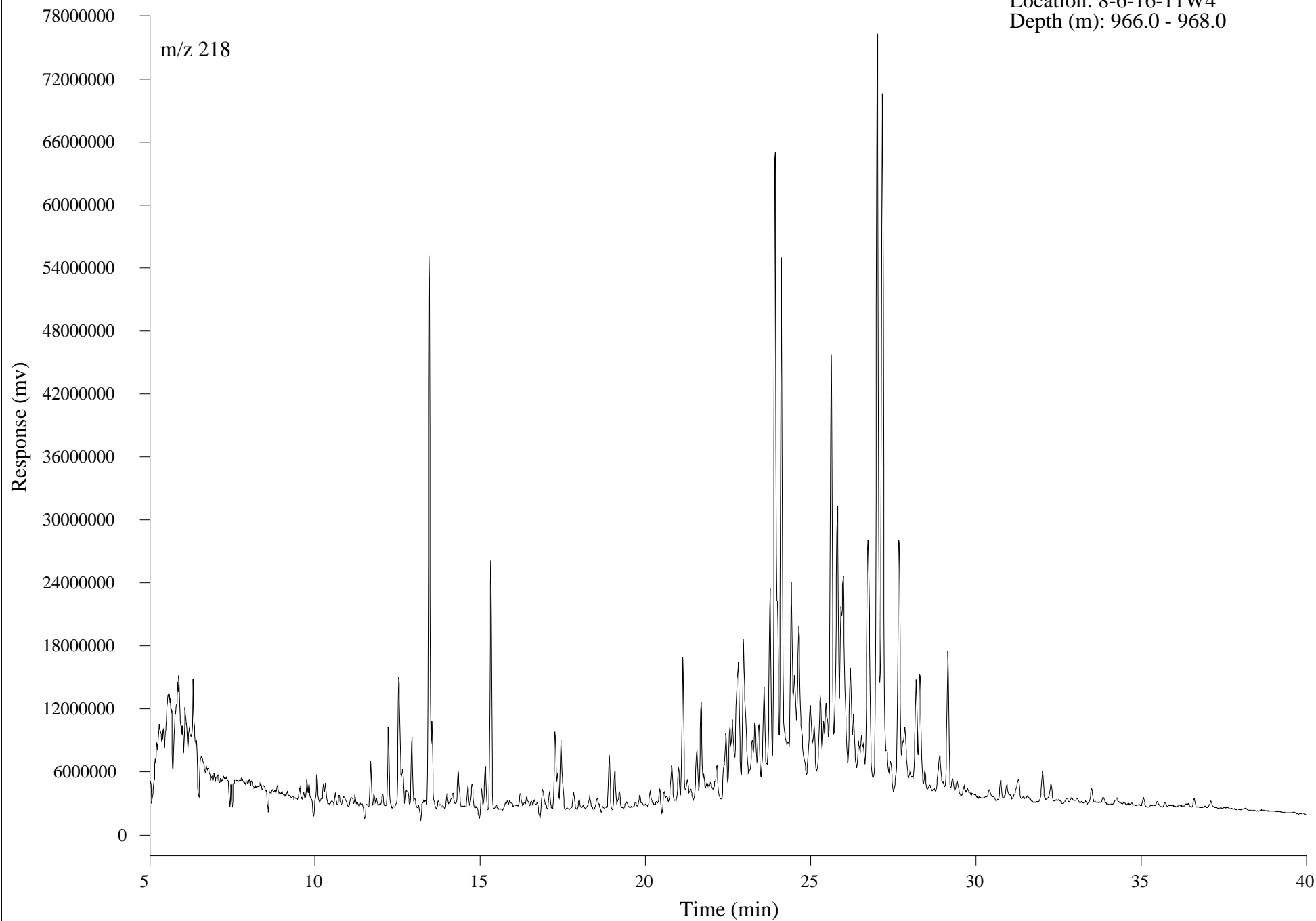
Saturated Hydrocarbons Mass Chromatogram

Lab Id: L02026
GSC No: C-558600
Location: 8-6-16-11W4
Depth (m): 966.0 - 968.0



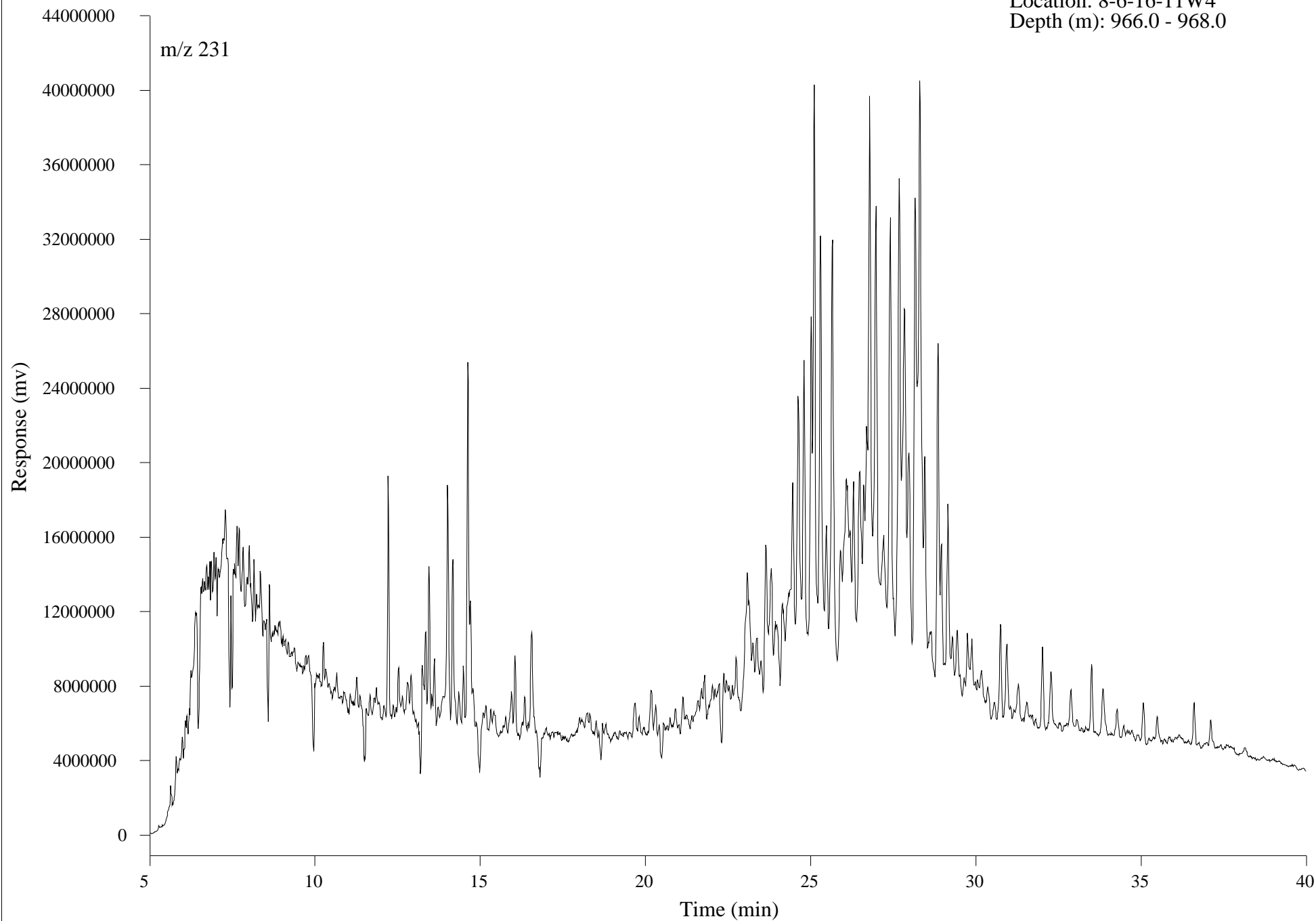
Saturated Hydrocarbons Mass Chromatogram

Lab Id: L02026
GSC No: C-558600
Location: 8-6-16-11W4
Depth (m): 966.0 - 968.0



Saturated Hydrocarbons Mass Chromatogram

Lab Id: L02026
GSC No: C-558600
Location: 8-6-16-11W4
Depth (m): 966.0 - 968.0



Saturated Hydrocarbons Mass Chromatogram

Lab Id: L02026
GSC No: C-558600
Location: 8-6-16-11W4
Depth (m): 966.0 - 968.0

