

# 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: L01912

GSC Catalog No: C-558497

Acquisition Date: 1995-06-15

Location: 16-12-16-12W4

UWI: 102161201612W400

Upper Depth (m): 968.0

Lower Depth (m): 970.5

Fraction: gasoline

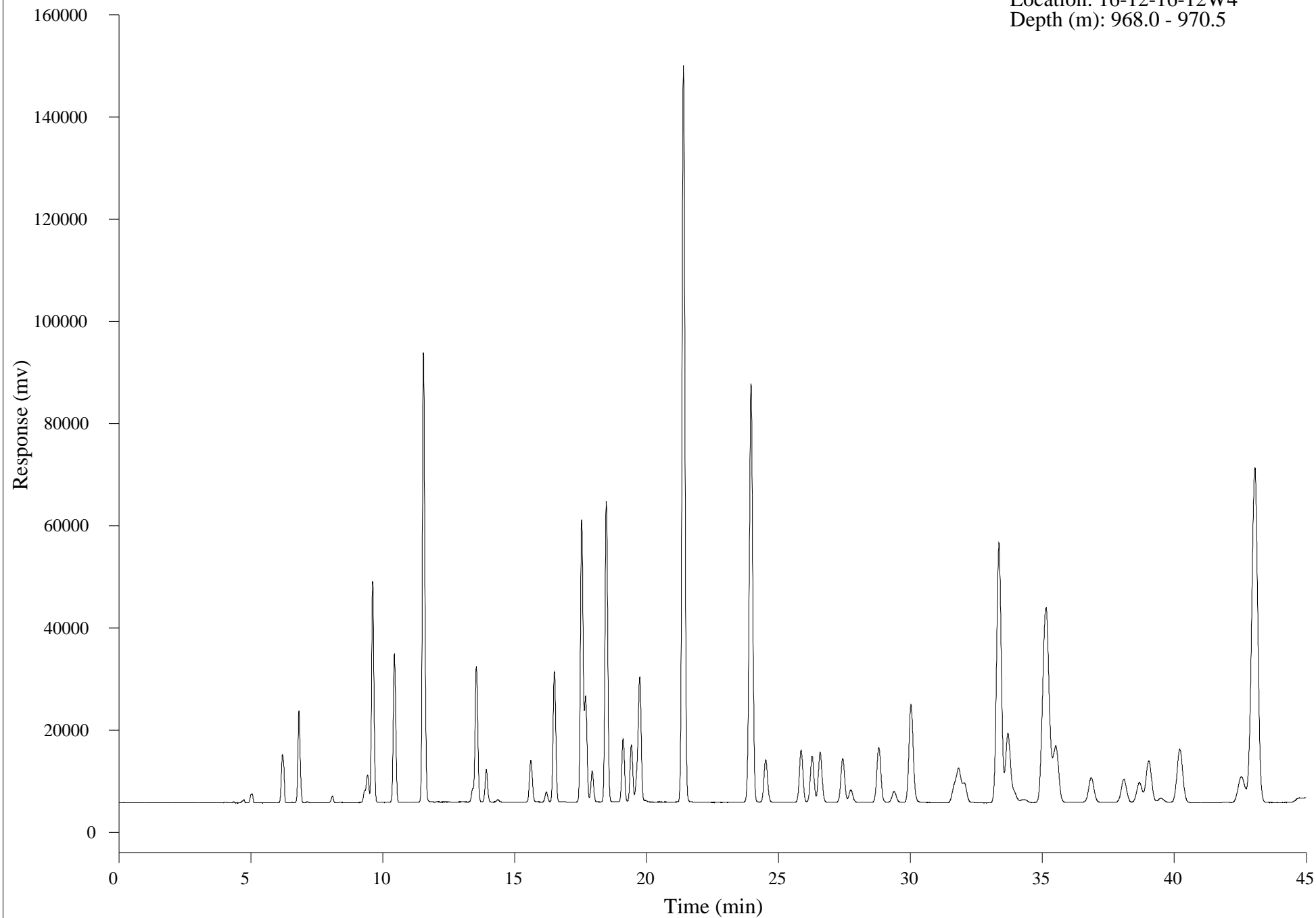
Instrument: HP 5890 GC

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

Time	Compound Name	Area	Height
6.20	iC5	67242.00	9398.69
6.83	nC5	105893.00	18069.17
8.10	22DMC4	7514.00	1289.61
9.35	CYC5	23278.00	3325.00
9.43	23DMC4	42355.00	6098.80
9.62	2MC5	270991.00	43078.00
10.45	3MC5	188625.00	29058.74
11.55	nC6	568821.00	87948.32
13.44	22DMC5	16150.00	3296.66
13.55	MCYC5	192904.00	26996.00
13.93	24DMC5	41997.00	6346.10
14.37	223TMC4	3225.00	470.35
15.62	BEN	62641.00	8168.51
16.20	33DMC5	13435.00	1940.65
16.51	CYC6	181655.00	25463.97
17.54	2MC6	397638.00	55199.72
17.69	23DMC5	131439.00	20715.99
17.94	11DMCYC5	43918.00	6077.70
18.48	3MC6	421052.00	58853.67
19.11	1c3DMCYC5	89935.00	12385.37
19.43	1t3DMCYC5	81586.00	11151.17
19.74	1t2DMCYC5	215861.00	24427.21
21.40	nC7	1096916.00	144194.19
23.96	MCYC6	744223.00	81954.61
24.52	22DMC6	80044.00	8307.39
25.86	ECYC5	96338.00	10201.74
26.28	25DMC6	86966.00	9051.14
26.58	24DMC6	96177.00	9778.65
27.44	223TMC5	87052.00	8528.78
29.38	234TMC5	23927.00	2121.97
30.02	TOL	216341.00	19137.86
33.36	2MC7	624727.00	50749.09
35.51	3MC7	155244.00	11085.76
42.55	1c4DMCYC6	86635.00	5073.11
43.06	nC8	1054987.00	65510.15

# Gasoline Gas Chromatogram

Lab Id: L01912  
GSC No: C-558497  
Location: 16-12-16-12W4  
Depth (m): 968.0 - 970.5



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Sample ID: L01912

GSC Catalog No: C-558497

Acquisition Date: 1996-01-09

Location: 16-12-16-12W4

UWI: 102161201612W400

Upper Depth (m): 968.0

Lower Depth (m): 970.5

Fraction: saturate

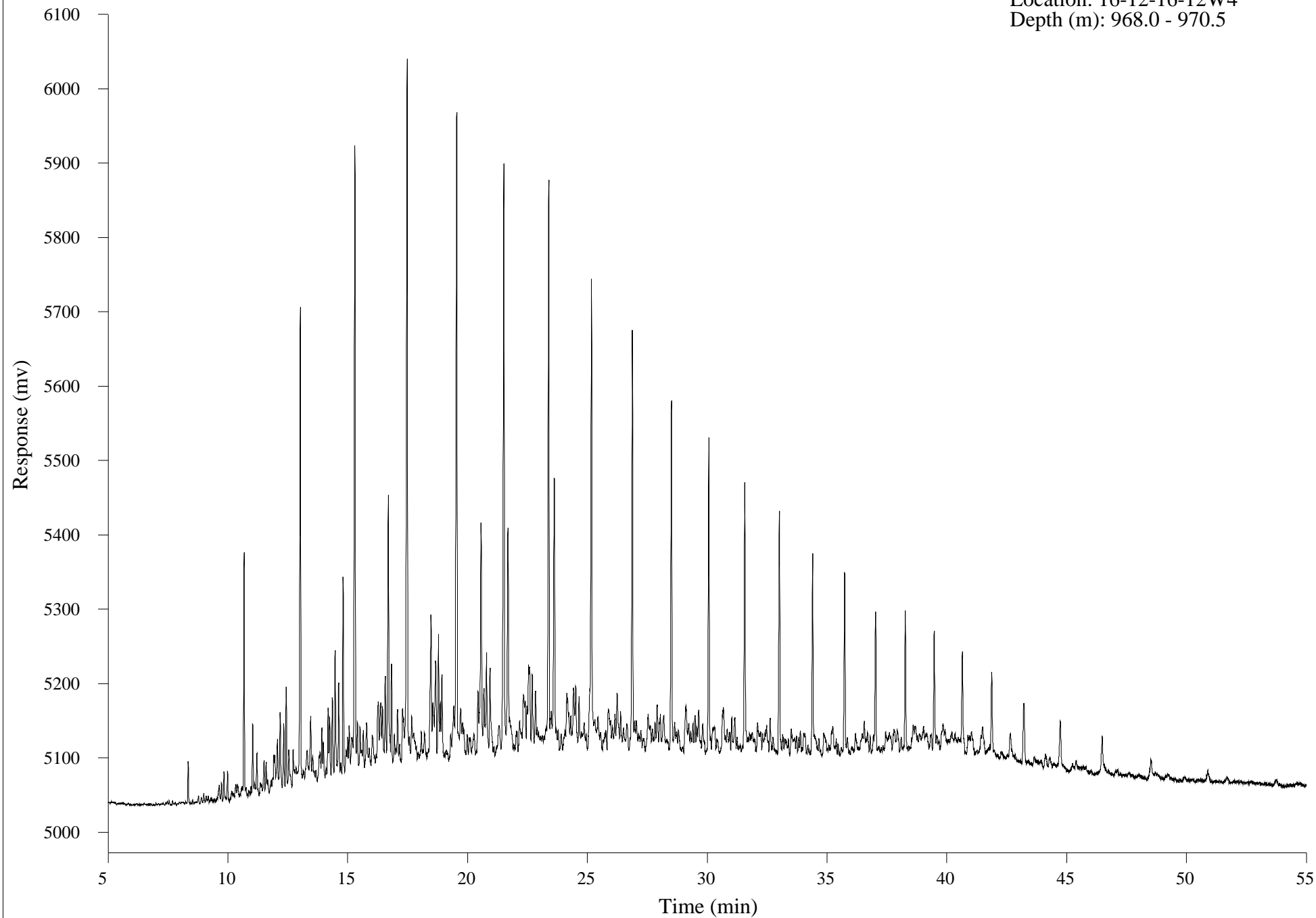
Instrument: Varian 3800 GC

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

Time	Compound Name	Area	Height
8.34	C11	124.21	57.40
10.68	C12	686.17	318.14
13.02	C13	1631.56	627.00
15.30	C14	2389.94	837.29
17.48	C15	2716.16	928.10
19.55	C16	2581.20	860.96
21.52	C17	2389.59	783.85
21.69	Pr	851.19	269.01
23.39	C18	1961.41	724.07
23.62	Ph	1128.72	343.47
25.17	C19	1976.30	609.40
26.88	C20	1525.65	540.56
28.51	C21	1305.28	466.40
30.07	C22	1099.31	415.58
31.57	C23	1004.50	351.43
33.02	C24	947.32	327.22
34.40	C25	740.62	258.30
35.74	C26	666.37	238.06
37.03	C27	630.06	189.83
38.27	C28	525.63	187.11
39.48	C29	469.55	155.32
40.65	C30	439.84	129.18
41.88	C31	335.13	106.51
43.22	C32	344.43	79.77

# Saturated Hydrocarbons Gas Chromatogram

Lab Id: L01912  
GSC No: C-558497  
Location: 16-12-16-12W4  
Depth (m): 968.0 - 970.5



# 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

For data reference, general terms and conditions go to <http://open.canada.ca/en/open-government-licence-canada/>

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Sample ID: L01912

GSC Catalog No: C-558497

Acquisition Date: 1996-01-29

Location: 16-12-16-12W4

UWI: 102161201612W400

Upper Depth (m): 968.0

Lower Depth (m): 970.5

Fraction: saturate

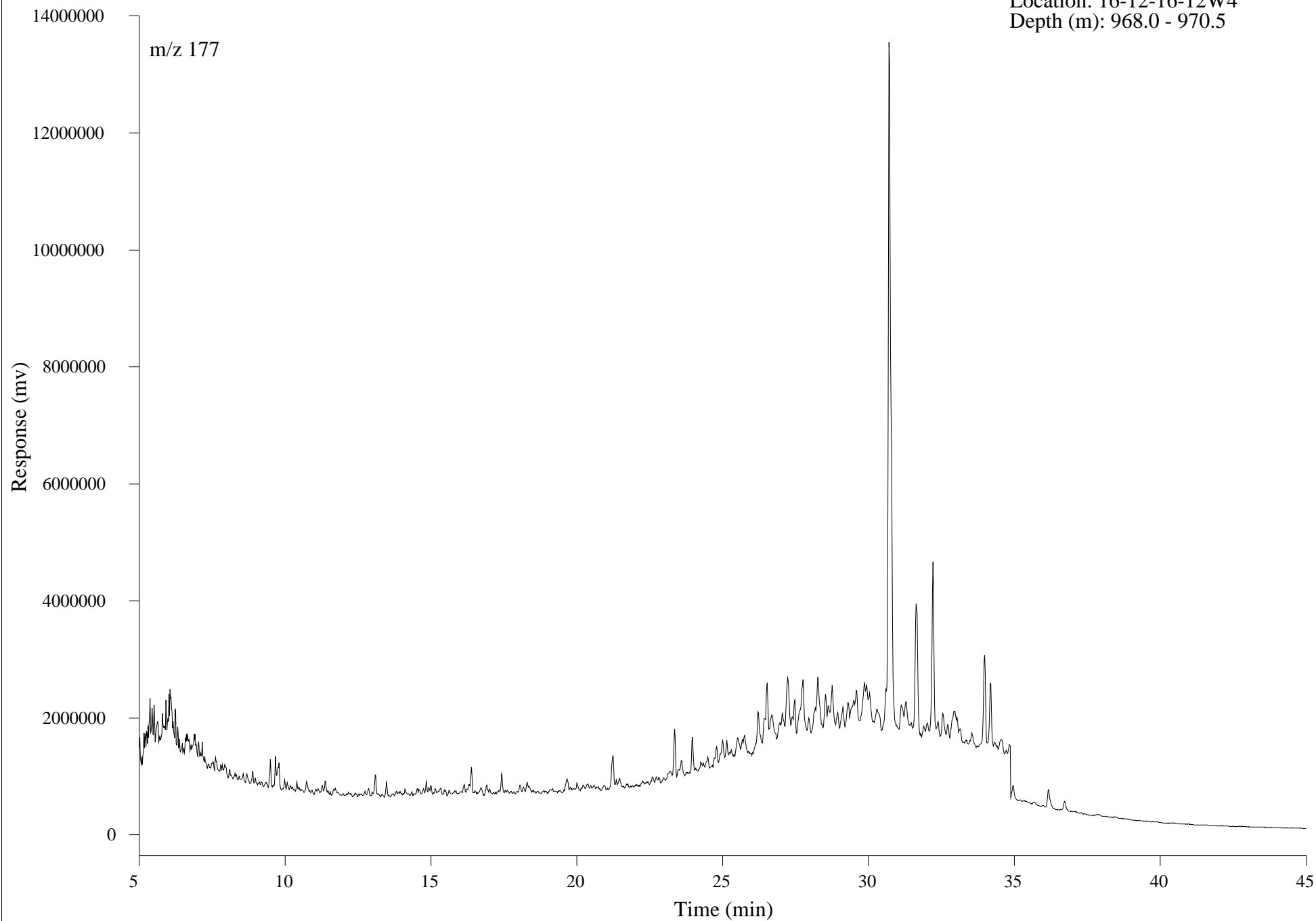
Instrument: HP 5890 GC/VG70SQ MS

MS Mode: Selected Ion Monitoring + EI

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

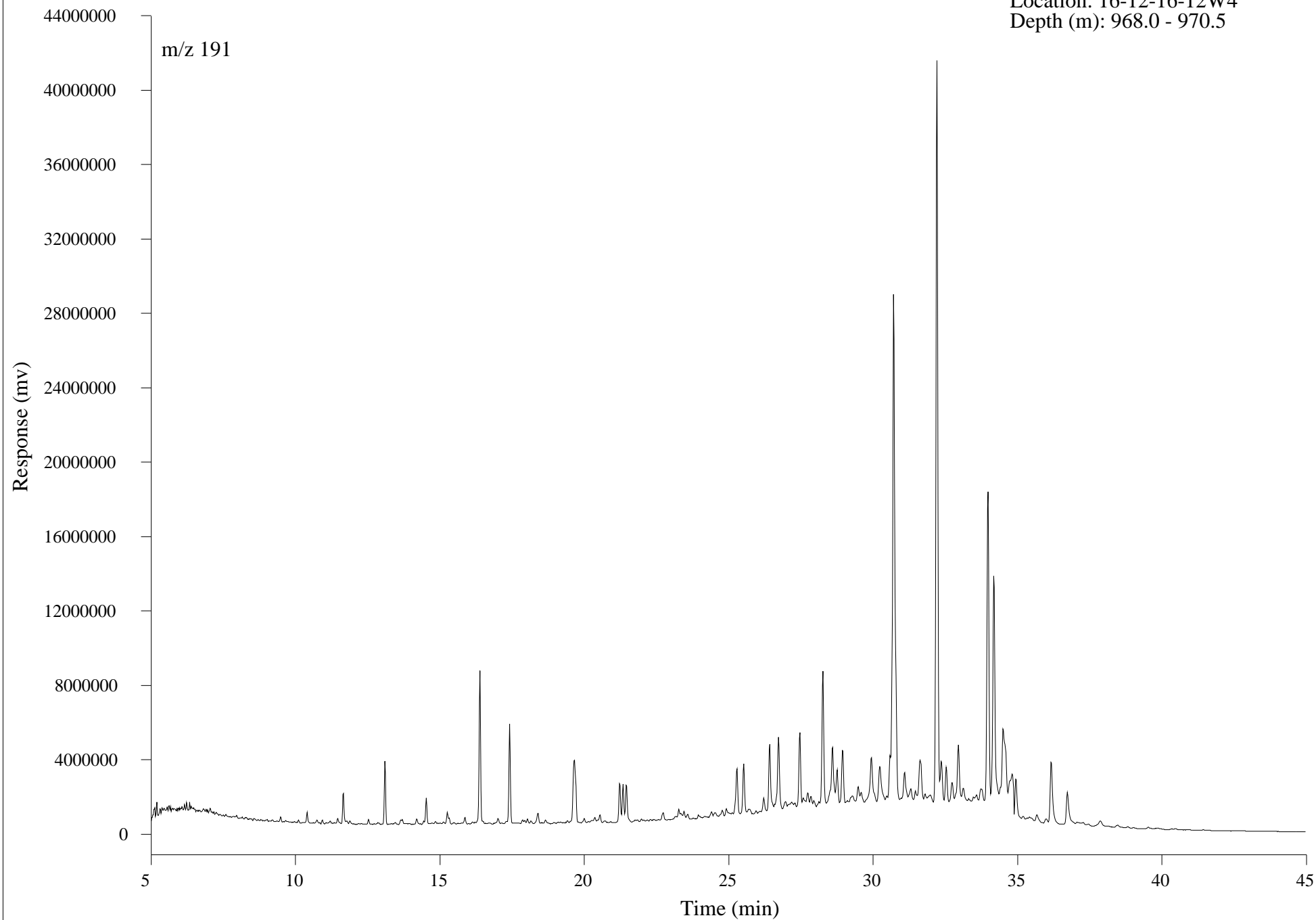
# Saturated Hydrocarbons Mass Chromatogram

Lab Id: L01912  
GSC No: C-558497  
Location: 16-12-16-12W4  
Depth (m): 968.0 - 970.5



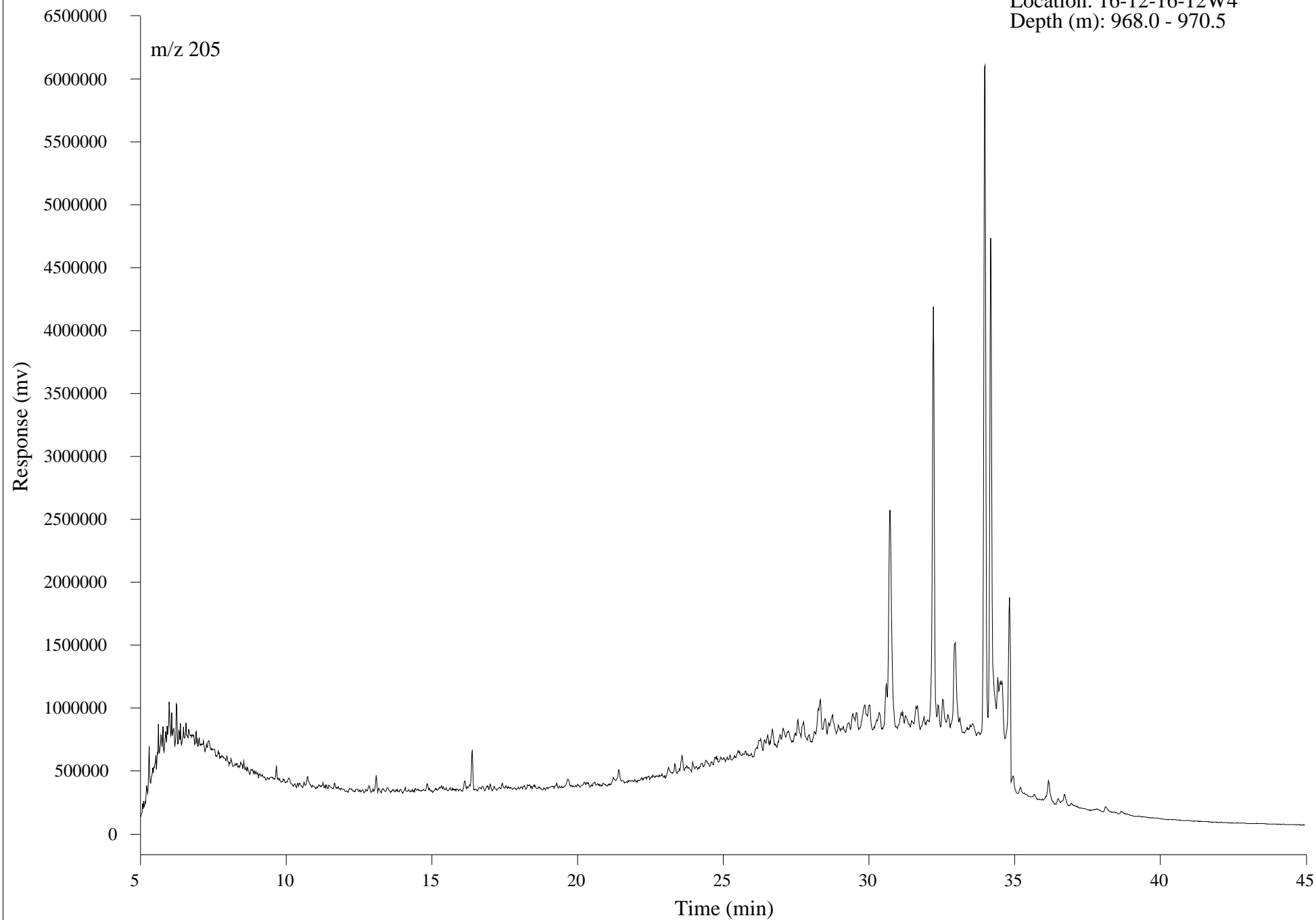
# Saturated Hydrocarbons Mass Chromatogram

Lab Id: L01912  
GSC No: C-558497  
Location: 16-12-16-12W4  
Depth (m): 968.0 - 970.5



# Saturated Hydrocarbons Mass Chromatogram

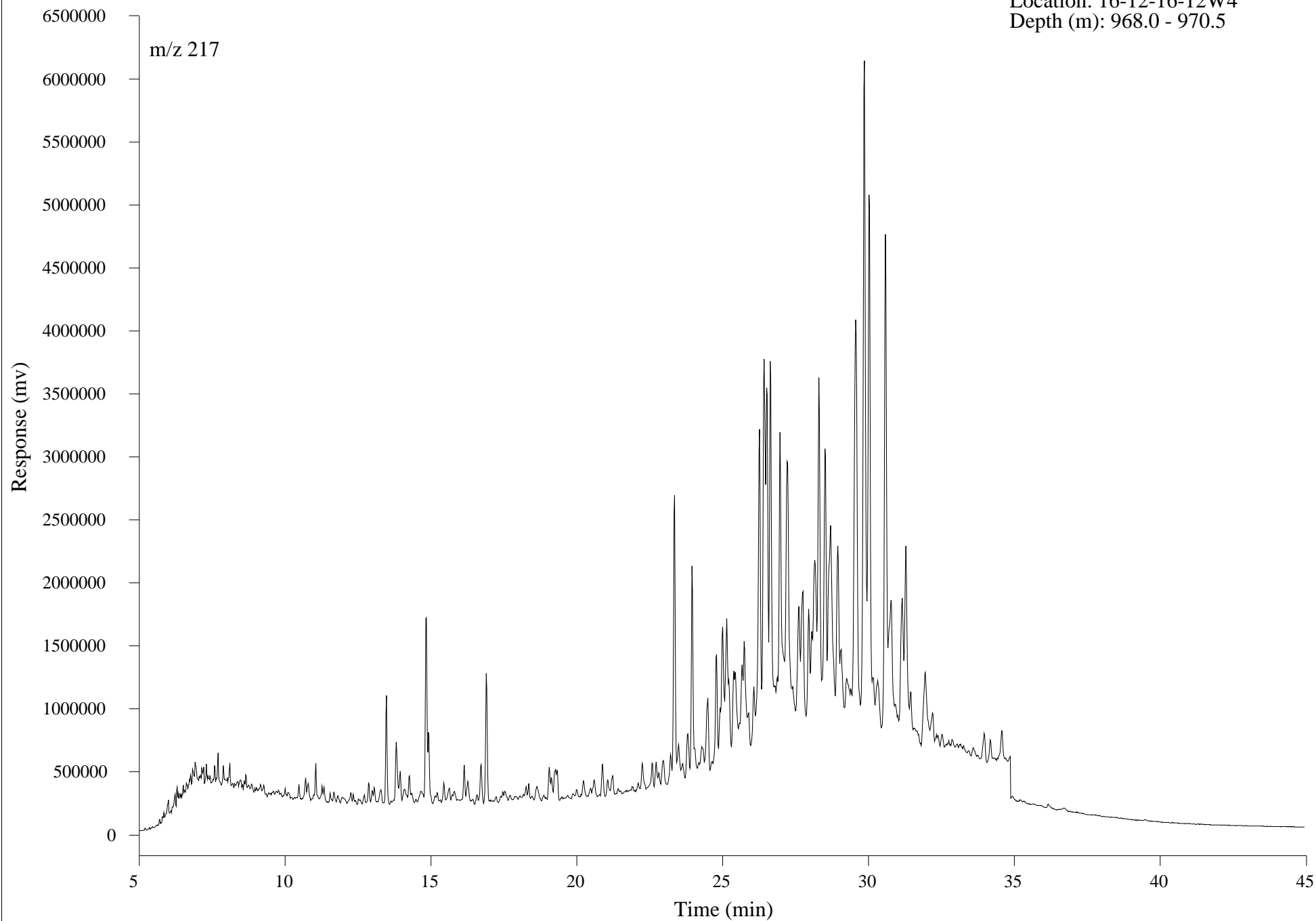
Lab Id: L01912  
GSC No: C-558497  
Location: 16-12-16-12W4  
Depth (m): 968.0 - 970.5





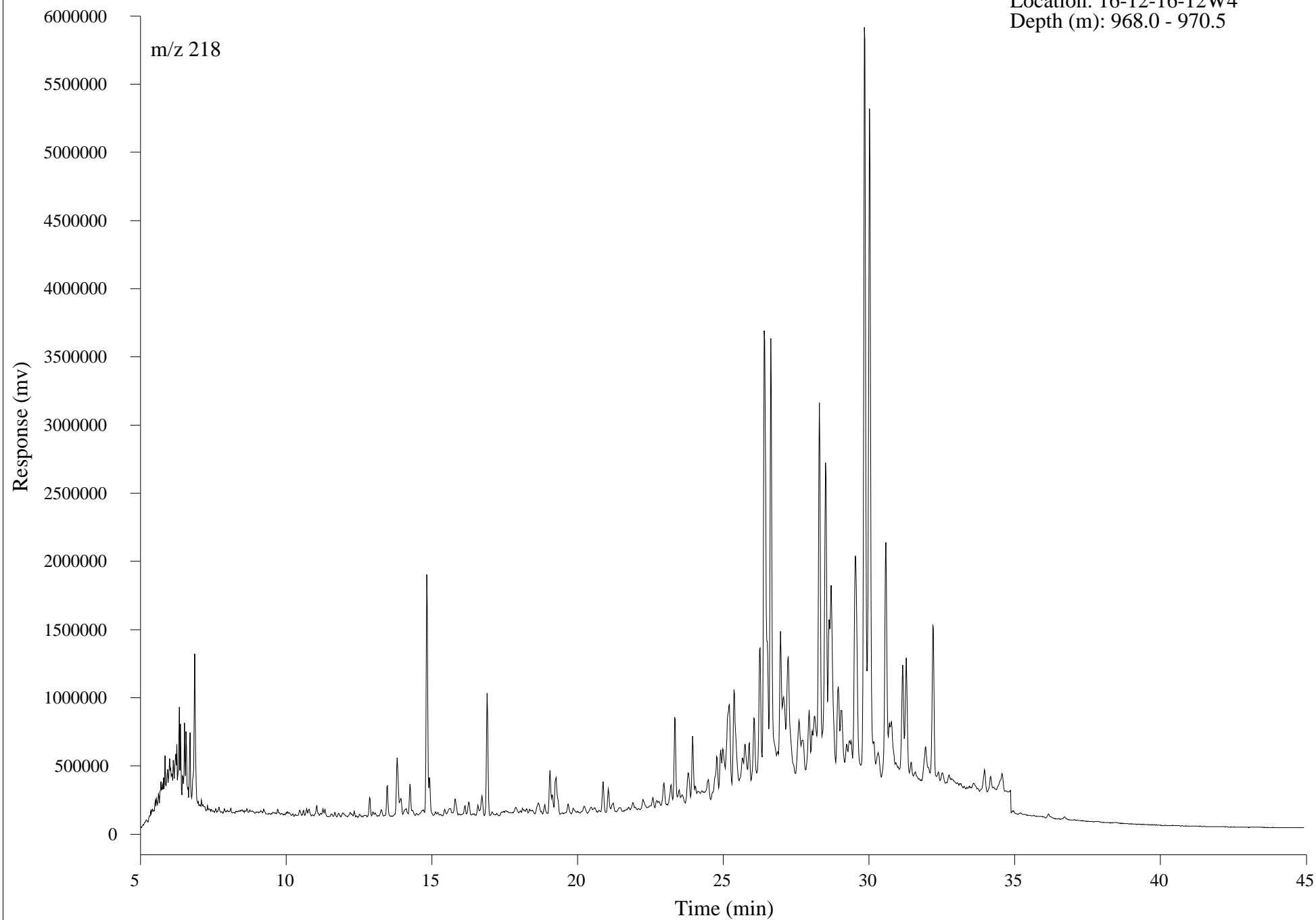
# Saturated Hydrocarbons Mass Chromatogram

Lab Id: L01912  
GSC No: C-558497  
Location: 16-12-16-12W4  
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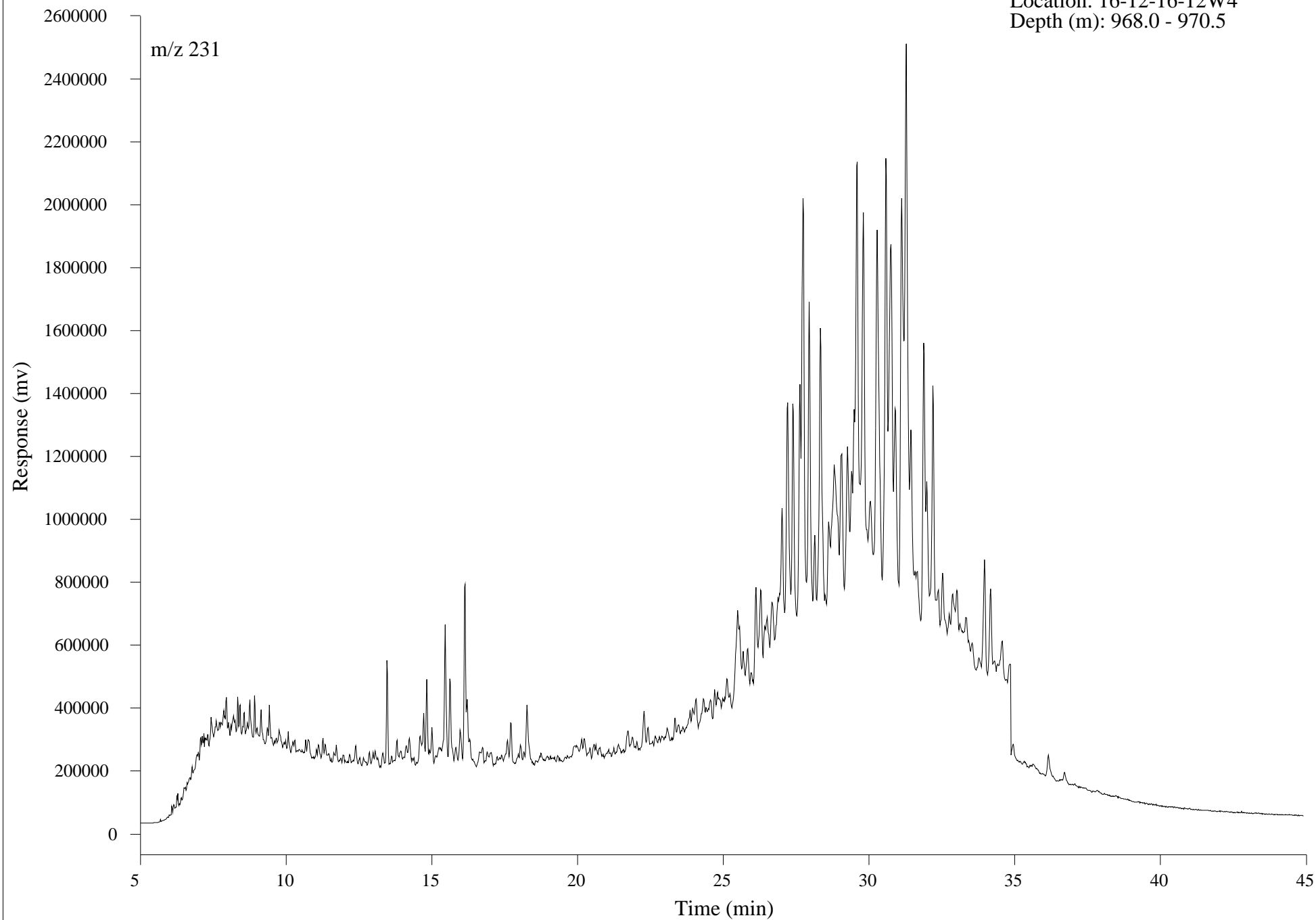
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