

# 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: L02136

GSC Catalog No: C-558607

Acquisition Date: 1996-05-09

Location: 8-14-4-5W4

UWI: 100081400405W400

Upper Depth (m): 1071.0

Lower Depth (m): 1075.0

Fraction: gasoline

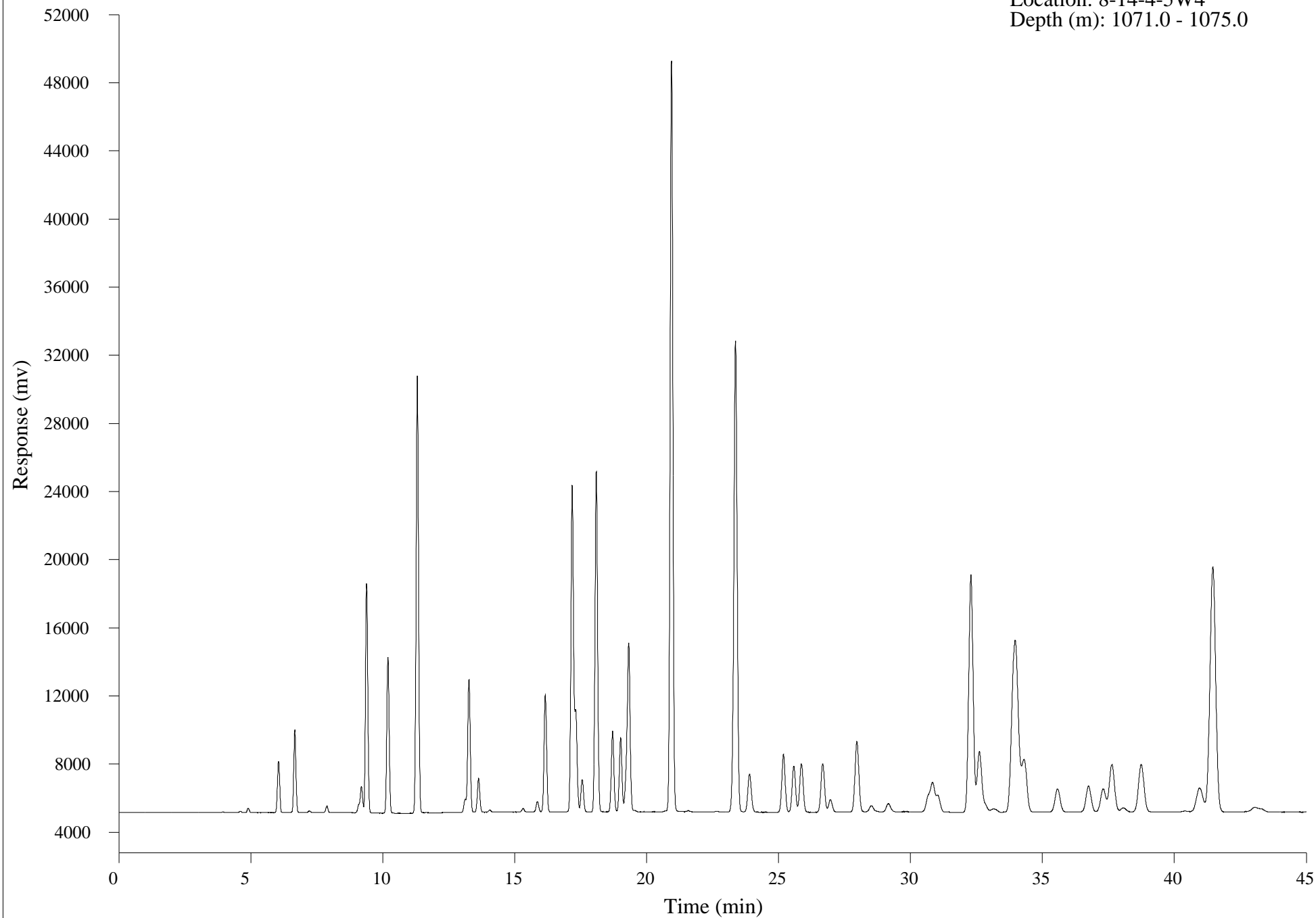
Instrument: HP 5890 GC

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

Time	Compound Name	Area	Height
6.05	iC5	17843.00	3017.34
6.67	nC5	26779.00	4836.98
7.89	22DMC4	1936.00	368.92
9.12	CYC5	2427.00	606.20
9.19	23DMC4	8431.00	1429.94
9.39	2MC5	77458.00	13262.51
10.20	3MC5	56505.00	9153.73
11.31	nC6	164642.00	25707.54
13.13	22DMC5	3568.00	762.67
13.27	MCYC5	51858.00	7786.39
13.63	24DMC5	12837.00	1994.76
14.07	223TMC4	811.00	127.03
15.32	BEN	1216.00	197.76
15.86	33DMC5	4163.00	604.46
16.16	CYC6	46562.00	6884.06
17.18	2MC6	137689.00	19176.46
17.31	23DMC5	31617.00	6011.73
17.56	11DMCYC5	13313.00	1892.54
18.10	3MC6	138147.00	19974.94
18.72	1c3DMCYC5	32419.00	4704.29
19.02	1t3DMCYC5	29774.00	4307.65
19.32	1t2DMCYC5	80401.00	9862.09
20.95	nC7	316722.00	44086.70
23.37	MCYC6	238079.00	27645.93
23.91	22DMC6	20573.00	2215.19
25.19	ECYC5	30160.00	3404.90
25.58	25DMC6	24670.00	2701.10
25.87	24DMC6	26526.00	2846.76
26.68	223TMC5	27383.00	2840.82
28.52	234TMC5	3640.00	350.22
29.16	TOL	5459.00	487.50
32.30	2MC7	162435.00	13960.78
34.30	3MC7	39525.00	3095.09
40.96	1c4DMCYC6	23321.00	1394.22
41.47	nC8	219646.00	14375.92

# Gasoline Gas Chromatogram

Lab Id: L02136  
GSC No: C-558607  
Location: 8-14-4-5W4  
Depth (m): 1071.0 - 1075.0



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Sample ID: L02136

GSC Catalog No: C-558607

Acquisition Date: 1996-10-30

Location: 8-14-4-5W4

UWI: 100081400405W400

Upper Depth (m): 1071.0

Lower Depth (m): 1075.0

Fraction: saturate

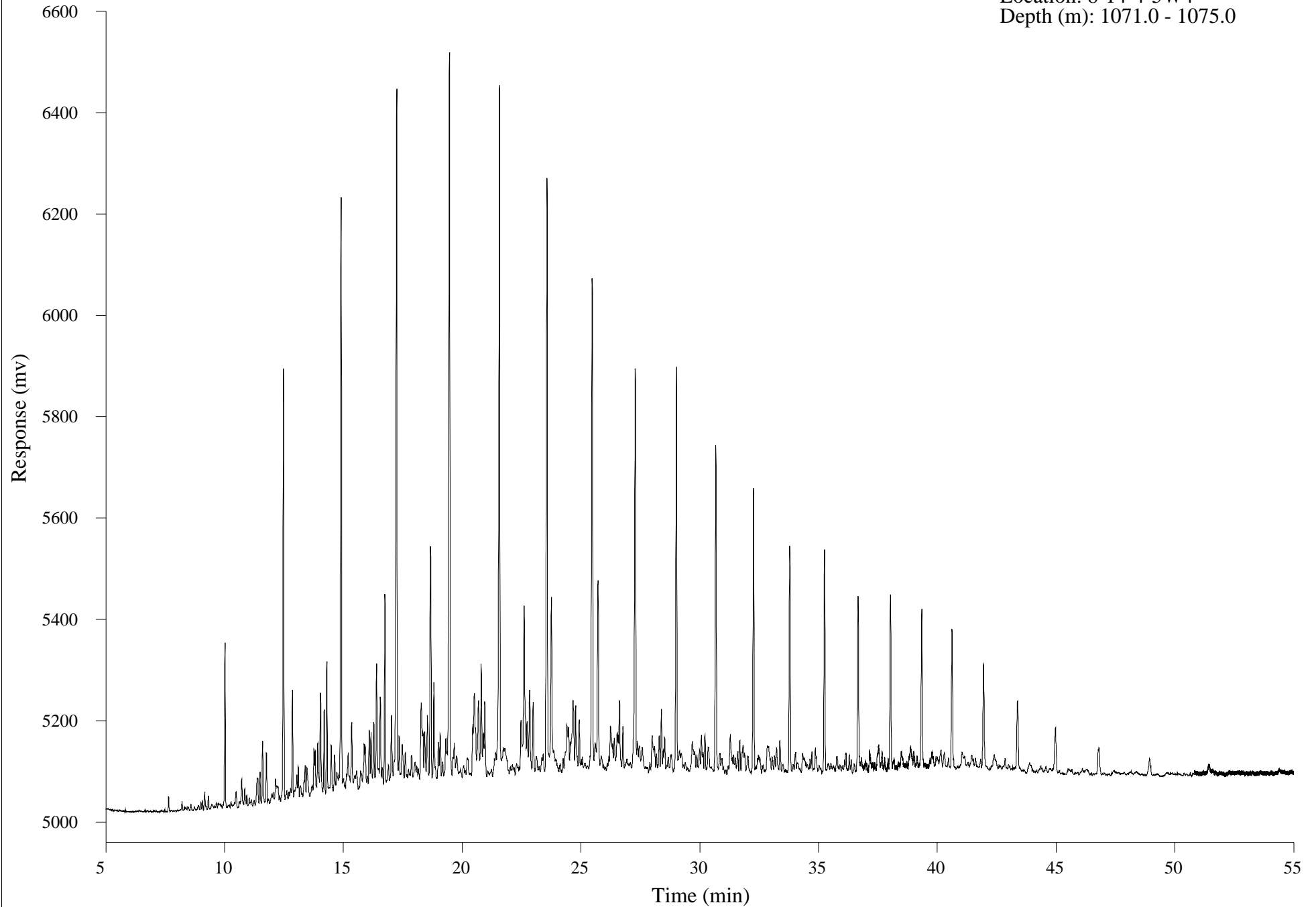
Instrument: Varian 3800 GC

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

Time	Compound Name	Area	Height
7.65	C10	71.11	30.88
10.02	C11	767.18	322.97
12.48	C12	2208.97	866.83
14.91	C13	3257.55	1161.70
17.25	C14	4266.80	1363.46
19.47	C15	4430.73	1430.05
21.58	C16	4050.56	1335.40
23.58	C17	3650.23	1144.55
23.76	Pr	1021.83	315.06
25.48	C18	3176.88	962.75
25.72	Ph	1273.15	364.62
27.29	C19	2776.03	785.87
29.03	C20	2289.40	784.55
30.68	C21	1912.99	638.17
32.27	C22	1646.56	559.26
33.79	C23	1406.24	447.06
35.26	C24	1224.12	437.68
36.67	C25	1086.41	341.28
38.04	C26	1052.66	343.47
39.35	C27	1001.50	312.16
40.63	C28	899.19	273.58
41.95	C29	744.37	204.33
43.38	C30	537.95	133.25
44.98	C31	398.59	87.60
46.81	C32	303.63	53.80

# Saturated Hydrocarbons Gas Chromatogram

Lab Id: L02136  
GSC No: C-558607  
Location: 8-14-4-5W4  
Depth (m): 1071.0 - 1075.0



# 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: L02136

GSC Catalog No: C-558607

Acquisition Date: 1996-11-20

Location: 8-14-4-5W4

UWI: 100081400405W400

Upper Depth (m): 1071.0

Lower Depth (m): 1075.0

Fraction: saturate

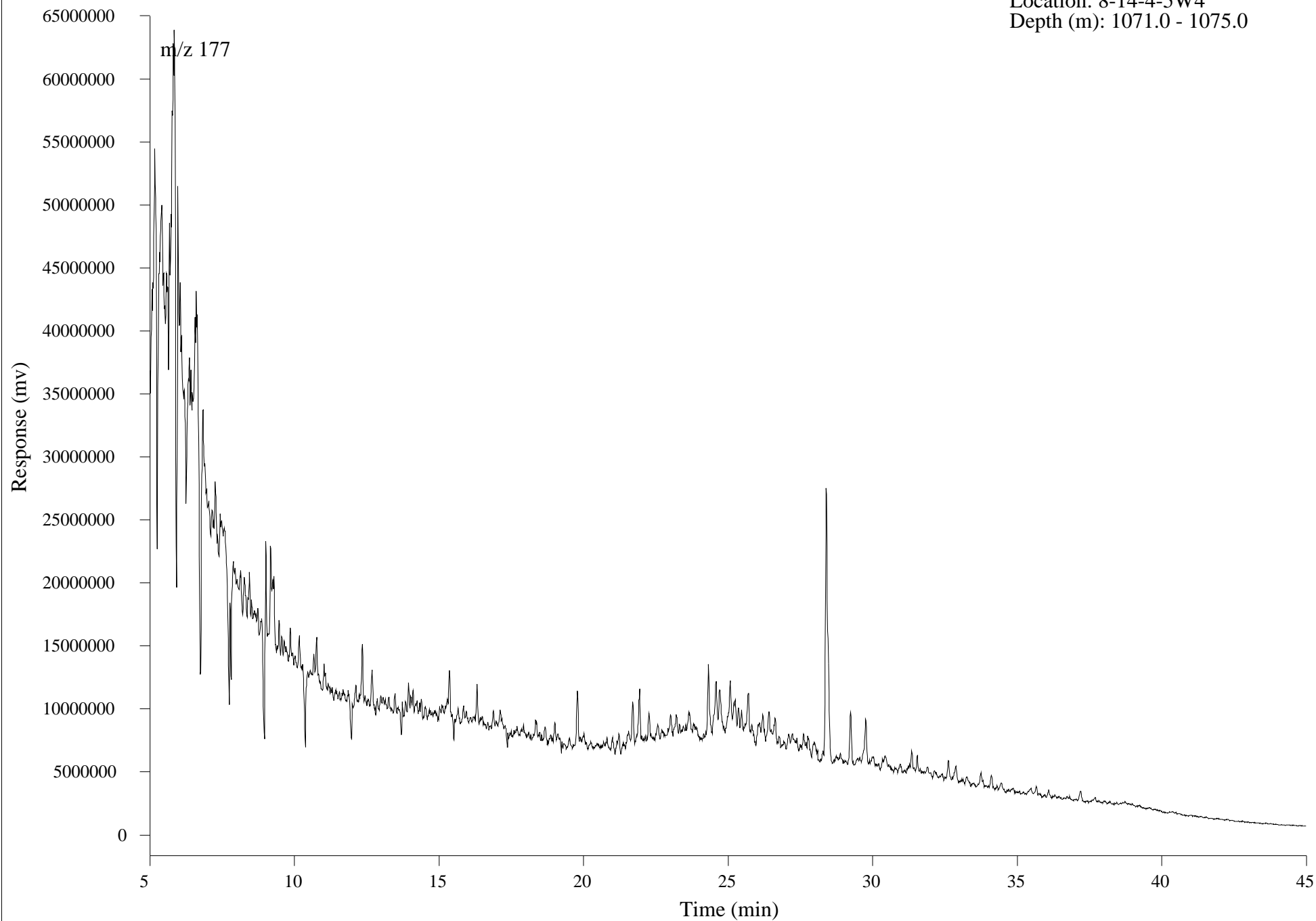
Instrument: HP 5890 GC/VG70SQ MS

MS Mode: Selected Ion Monitoring + EI

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

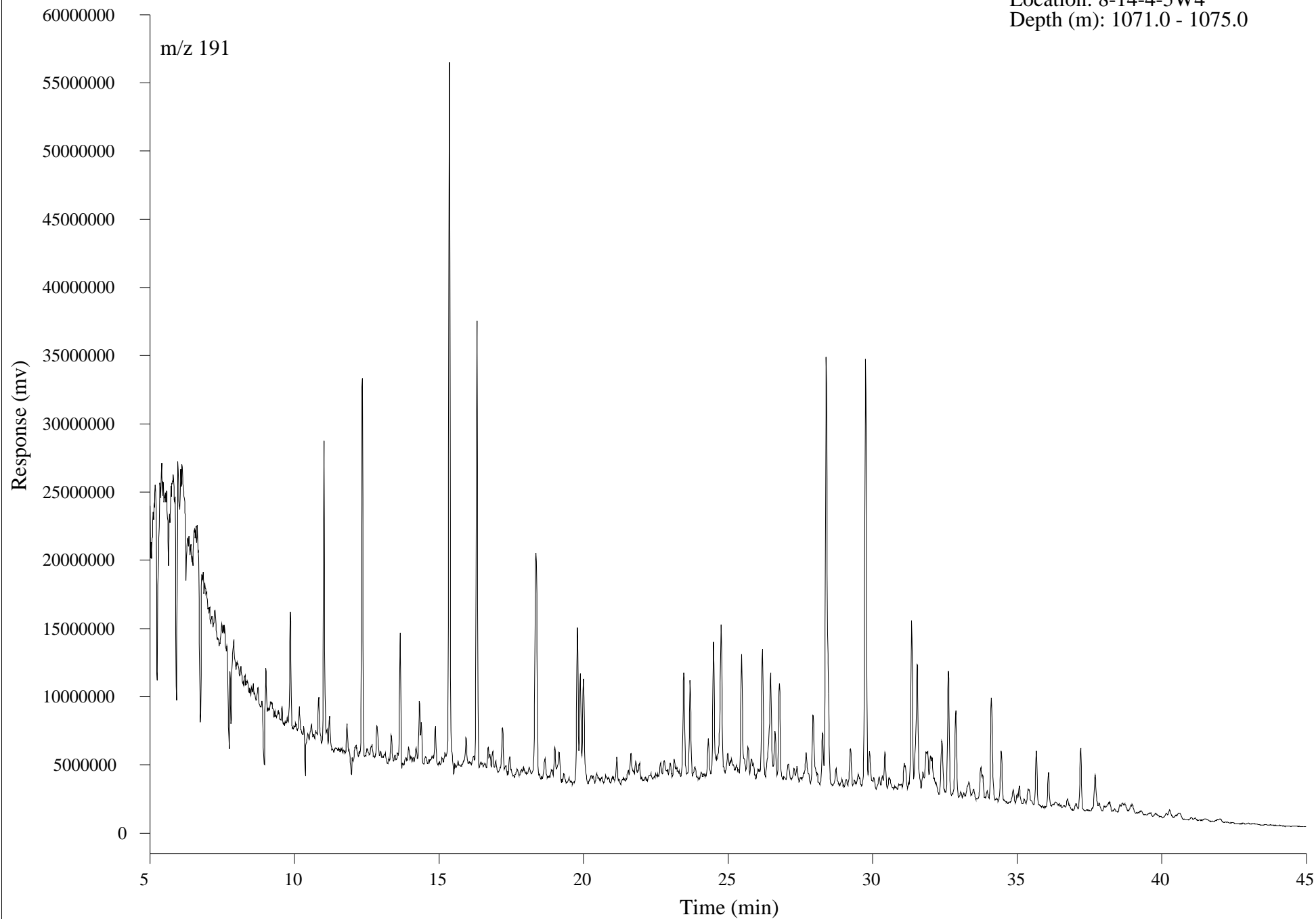
# Saturated Hydrocarbons Mass Chromatogram

Lab Id: L02136  
GSC No: C-558607  
Location: 8-14-4-5W4  
Depth (m): 1071.0 - 1075.0



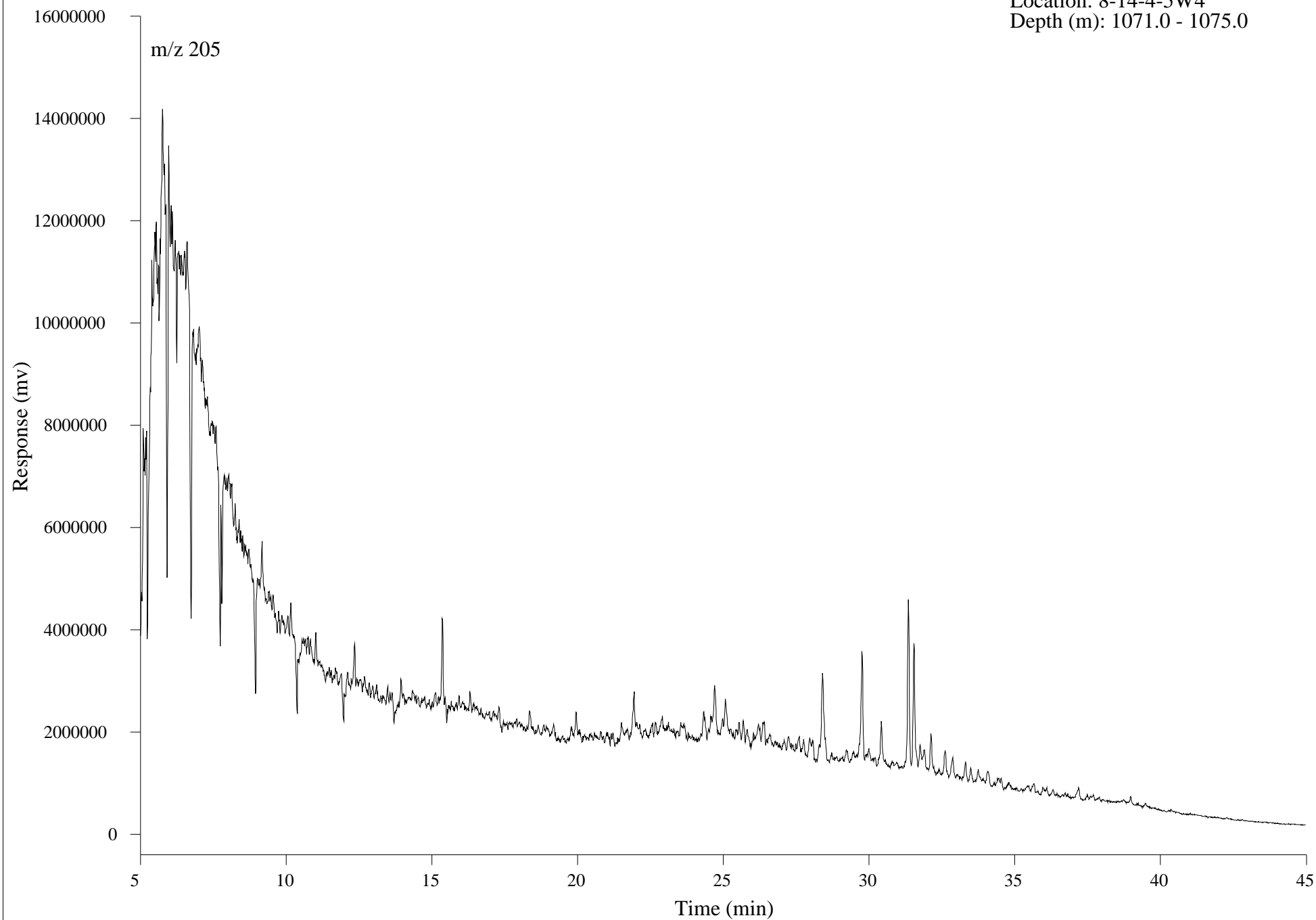
# Saturated Hydrocarbons Mass Chromatogram

Lab Id: L02136  
GSC No: C-558607  
Location: 8-14-4-5W4  
Depth (m): 1071.0 - 1075.0



# Saturated Hydrocarbons Mass Chromatogram

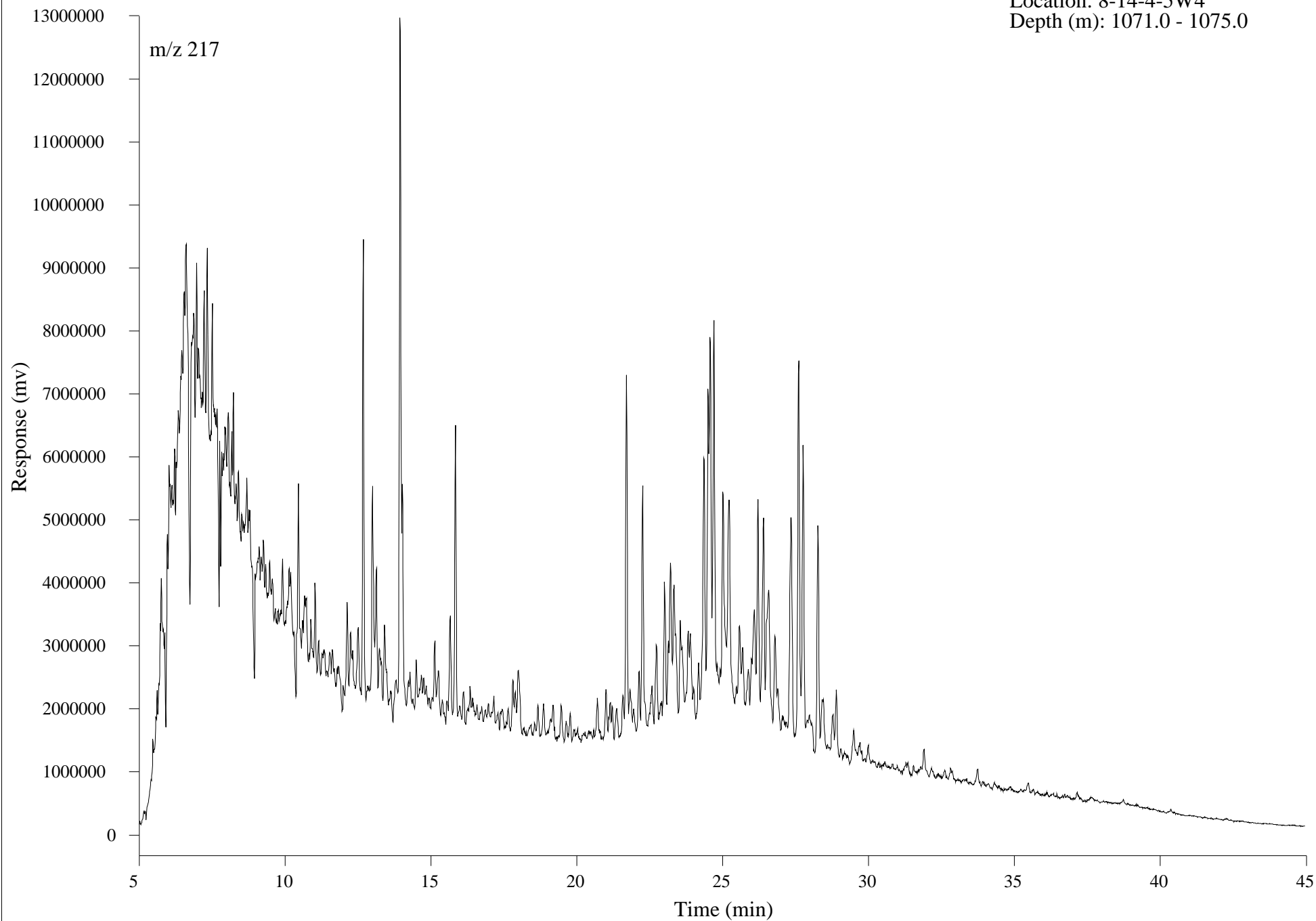
Lab Id: L02136  
GSC No: C-558607  
Location: 8-14-4-5W4  
Depth (m): 1071.0 - 1075.0





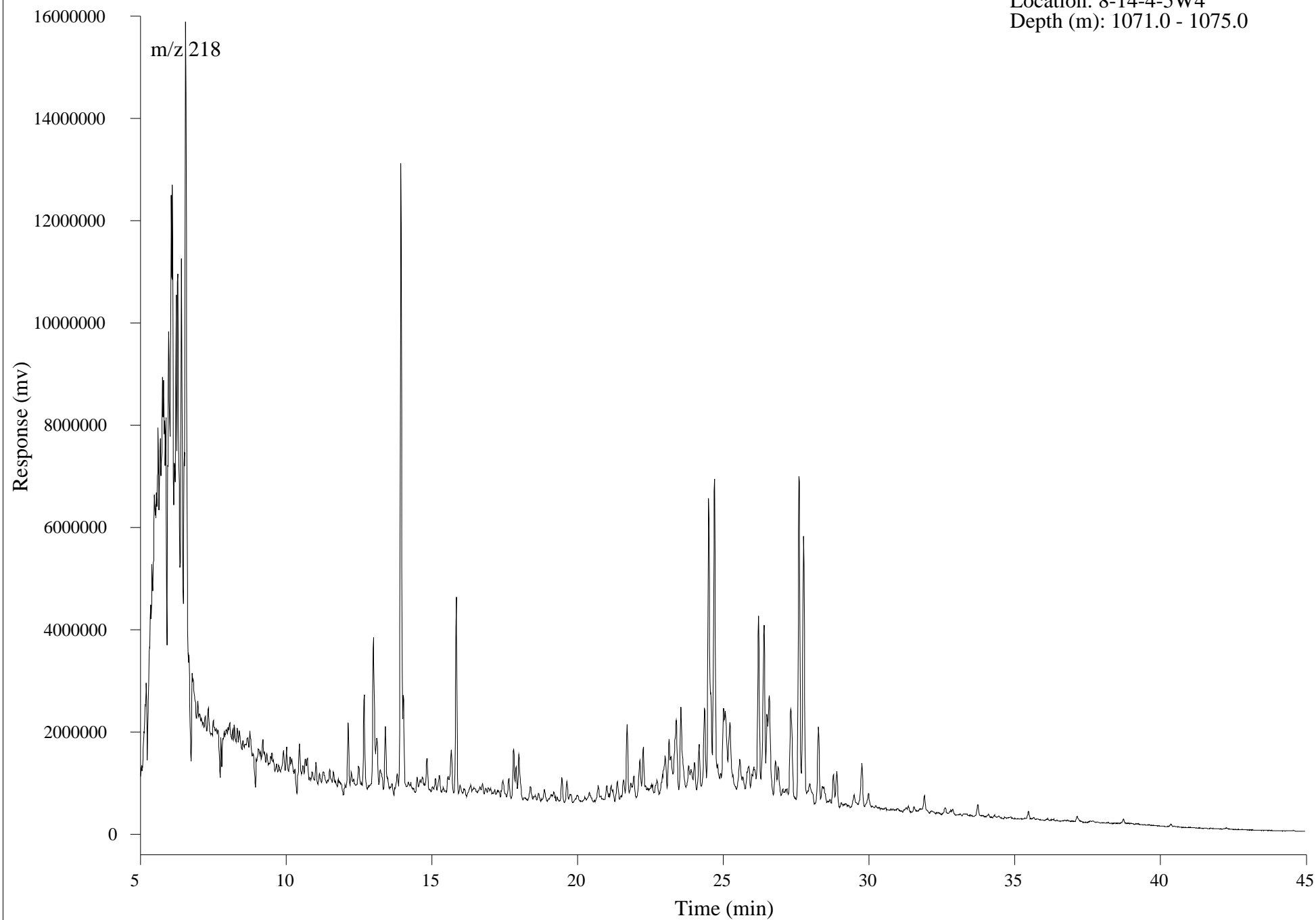
# Saturated Hydrocarbons Mass Chromatogram

Lab Id: L02136  
GSC No: C-558607  
Location: 8-14-4-5W4  
Depth (m): 1071.0 - 1075.0



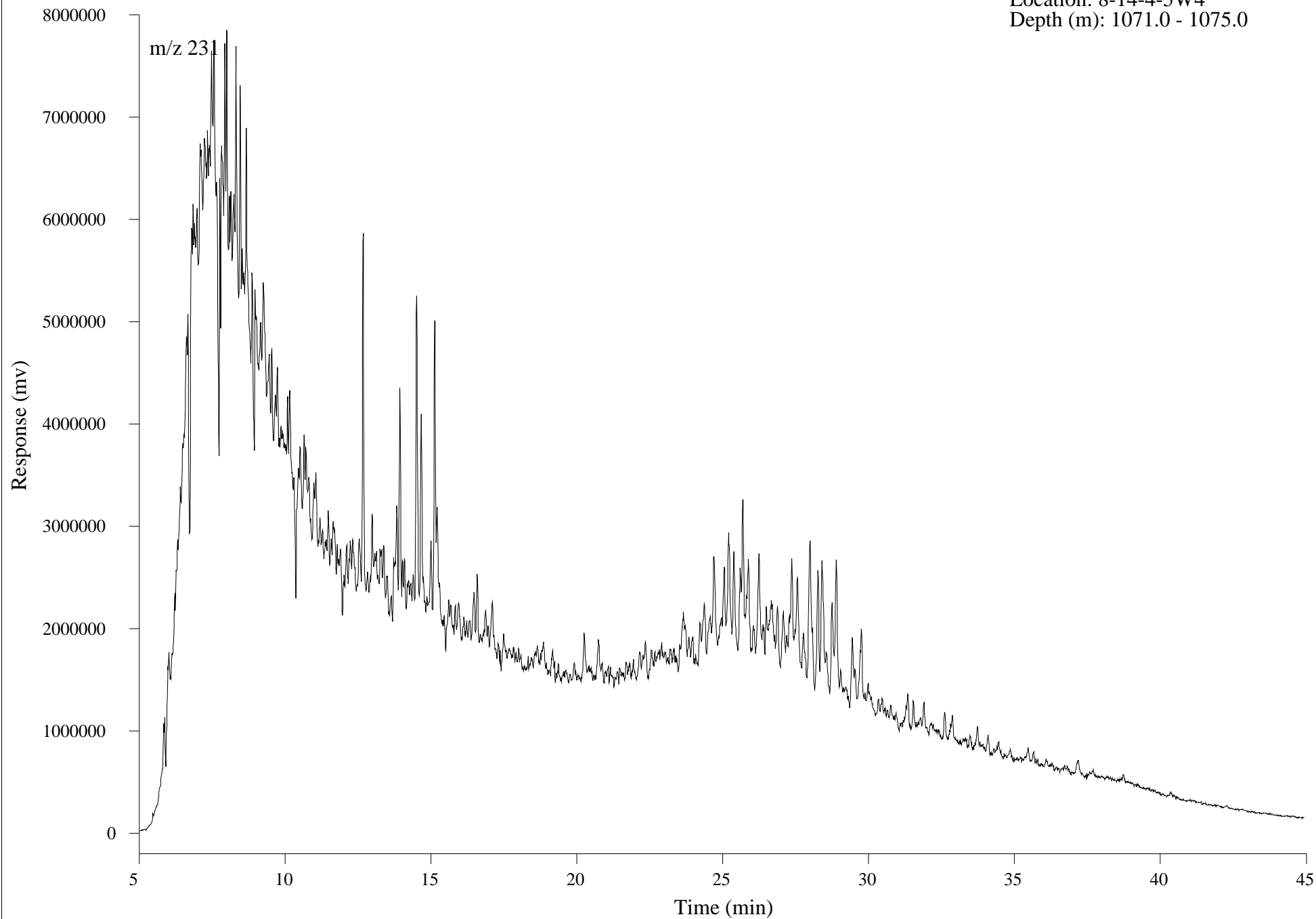
# Saturated Hydrocarbons Mass Chromatogram

Lab Id: L02136  
GSC No: C-558607  
Location: 8-14-4-5W4  
Depth (m): 1071.0 - 1075.0



# Saturated Hydrocarbons Mass Chromatogram

Lab Id: L02136  
GSC No: C-558607  
Location: 8-14-4-5W4  
Depth (m): 1071.0 - 1075.0



# Saturated Hydrocarbons Mass Chromatogram

Lab Id: L02136  
GSC No: C-558607  
Location: 8-14-4-5W4  
Depth (m): 1071.0 - 1075.0

