

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: L02137

GSC Catalog No: C-558608

Acquisition Date: 1996-05-10

Location: 14-11-4-5W4

UWI: 100141100405W400

Upper Depth (m): 1063.6

Lower Depth (m): 1066.0

Fraction: gasoline

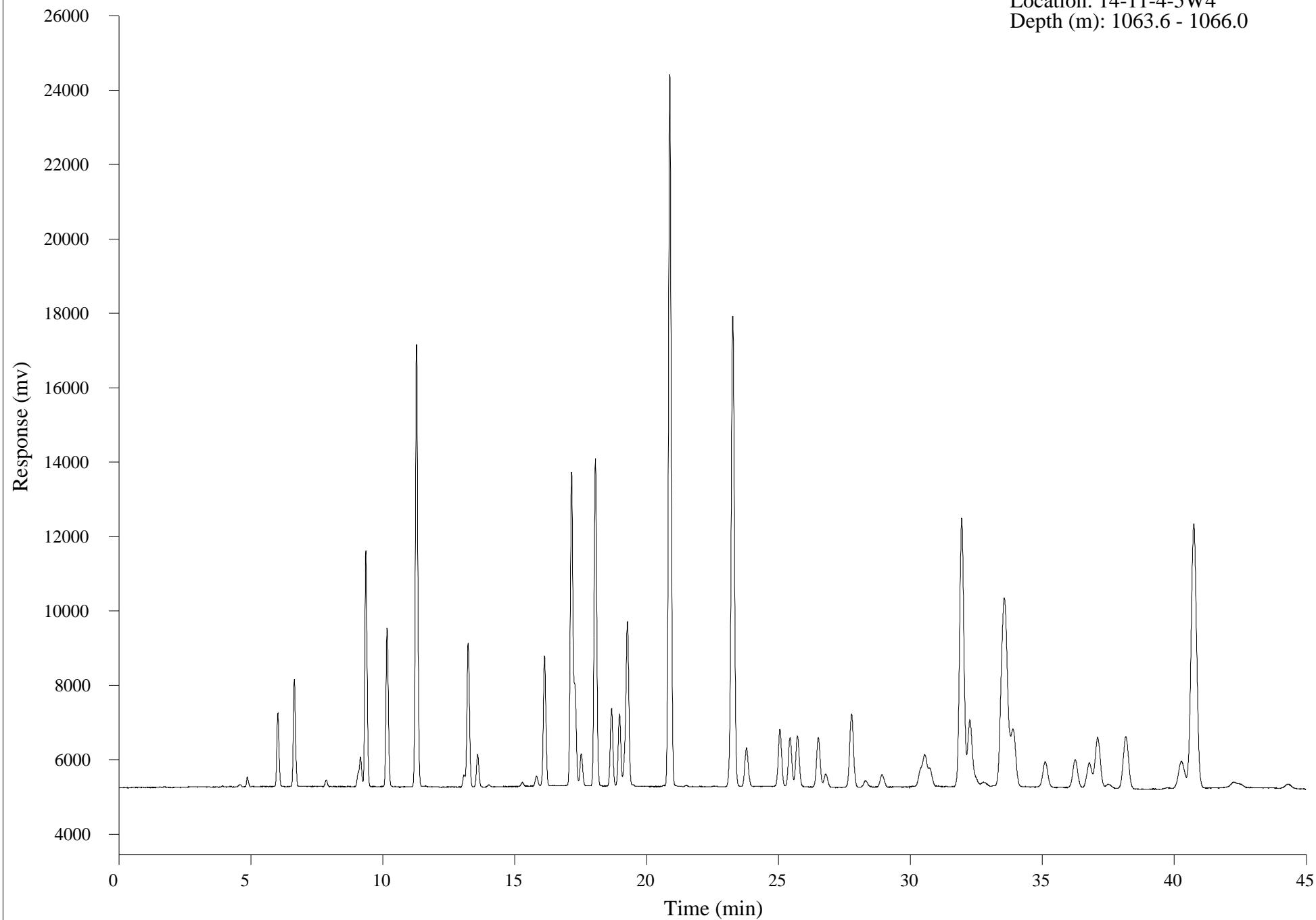
Instrument: HP 5890 GC

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

Time	Compound Name	Area	Height
6.03	iC5	10797.00	1970.01
6.65	nC5	15791.00	2878.02
7.86	22DMC4	1048.00	179.72
9.16	CYC5	6518.00	800.98
9.36	2MC5	37470.00	6358.67
10.17	3MC5	26173.00	4282.74
11.28	nC6	74214.00	11901.39
13.09	22DMC5	1695.00	328.27
13.24	MCYC5	25549.00	3876.05
13.60	24DMC5	5622.00	865.01
14.02	223TMC4	374.00	55.45
15.29	BEN	617.00	100.05
15.83	33DMC5	1874.00	272.20
16.14	CYC6	23593.00	3478.42
17.16	2MC6	33891.00	6210.23
17.25	23DMC5	1137.00	0.13
17.53	11DMCYC5	4821.00	754.50
18.06	3MC6	60473.00	8798.25
18.68	1c3DMCYC5	14355.00	2076.01
18.98	1t3DMCYC5	13272.00	1910.15
19.28	1t2DMCYC5	35742.00	4396.17
20.88	nC7	135244.00	19139.67
23.27	MCYC6	107616.00	12649.44
23.79	22DMC6	9470.00	1029.09
25.06	ECYC5	13156.00	1522.24
25.44	25DMC6	11599.00	1293.49
25.72	24DMC6	12511.00	1356.85
26.51	223TMC5	12575.00	1324.69
28.30	234TMC5	1503.00	161.37
28.93	TOL	3495.00	332.96
31.94	2MC7	81422.00	7196.21
33.89	3MC7	18736.00	1539.27
40.28	1c4DMCYC6	11162.00	709.87
40.74	nC8	103880.00	7099.68

Gasoline Gas Chromatogram

Lab Id: L02137
GSC No: C-558608
Location: 14-11-4-5W4
Depth (m): 1063.6 - 1066.0



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Sample ID: L02137

GSC Catalog No: C-558608

Acquisition Date: 1996-10-31

Location: 14-11-4-5W4

UWI: 100141100405W400

Upper Depth (m): 1063.6

Lower Depth (m): 1066.0

Fraction: saturate

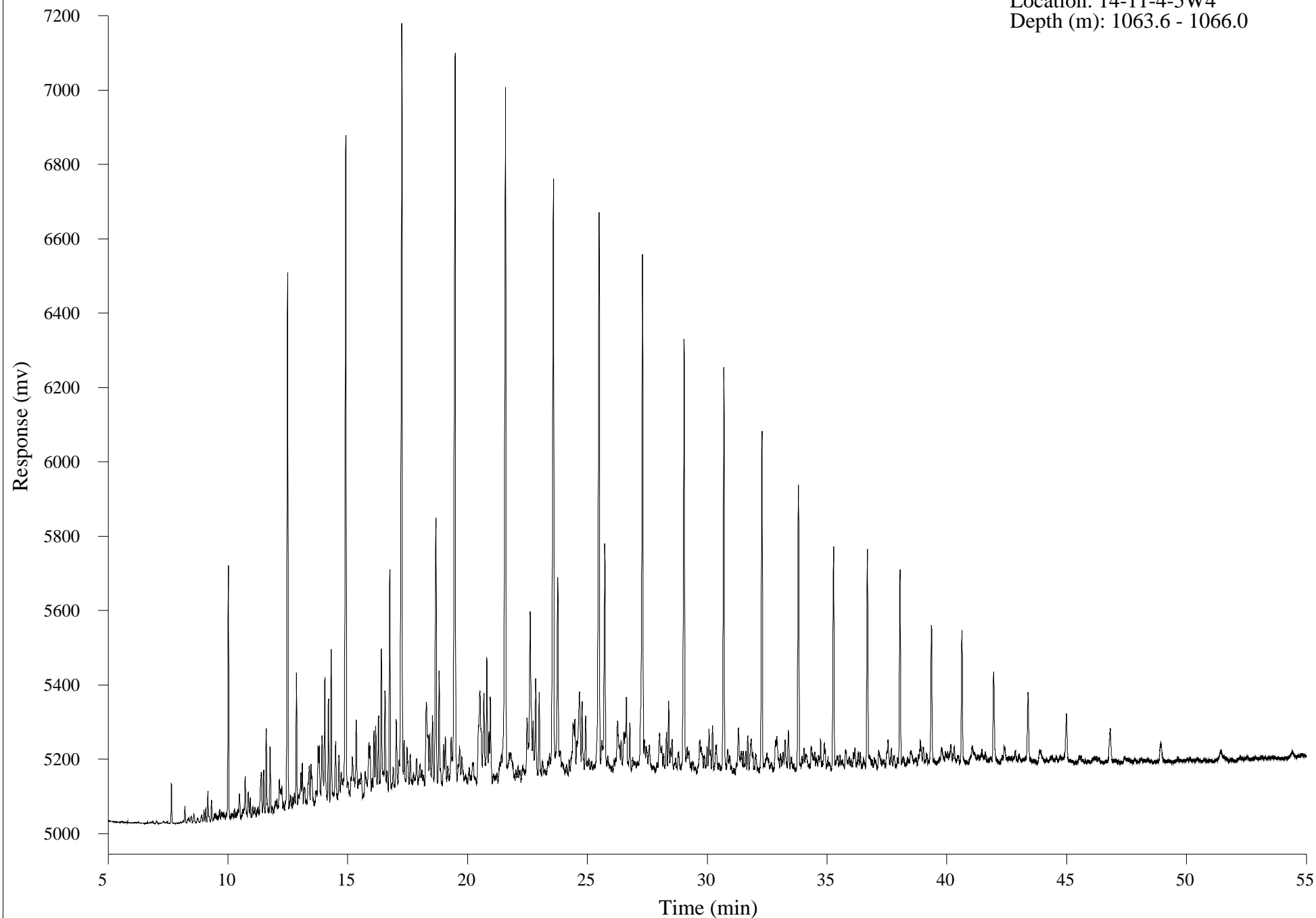
Instrument: Varian 3800 GC

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

Time	Compound Name	Area	Height
7.65	C10	224.27	108.22
10.02	C11	1557.76	673.17
12.49	C12	3990.70	1439.67
14.92	C13	5456.81	1762.84
17.26	C14	6780.71	2088.21
19.48	C15	6996.86	1963.64
21.59	C16	6931.41	1904.32
23.59	C17	5668.24	1587.38
23.77	Pr	1640.77	493.21
25.49	C18	5182.01	1505.57
25.73	Ph	2047.46	597.24
27.31	C19	4644.91	1375.24
29.04	C20	3808.99	1144.30
30.70	C21	3223.52	1079.90
32.29	C22	2804.08	910.69
33.81	C23	2497.47	766.75
35.28	C24	2028.35	591.12
36.69	C25	1694.27	578.33
38.05	C26	1512.45	516.92
39.36	C27	1270.63	369.82
40.63	C28	1188.42	356.45
41.96	C29	923.79	239.19
43.39	C30	688.72	184.50
44.99	C31	570.96	129.48
46.83	C32	465.50	92.51

Saturated Hydrocarbons Gas Chromatogram

Lab Id: L02137
GSC No: C-558608
Location: 14-11-4-5W4
Depth (m): 1063.6 - 1066.0



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: L02137

GSC Catalog No: C-558608

Acquisition Date: 1996-11-20

Location: 14-11-4-5W4

UWI: 100141100405W400

Upper Depth (m): 1063.6

Lower Depth (m): 1066.0

Fraction: saturate

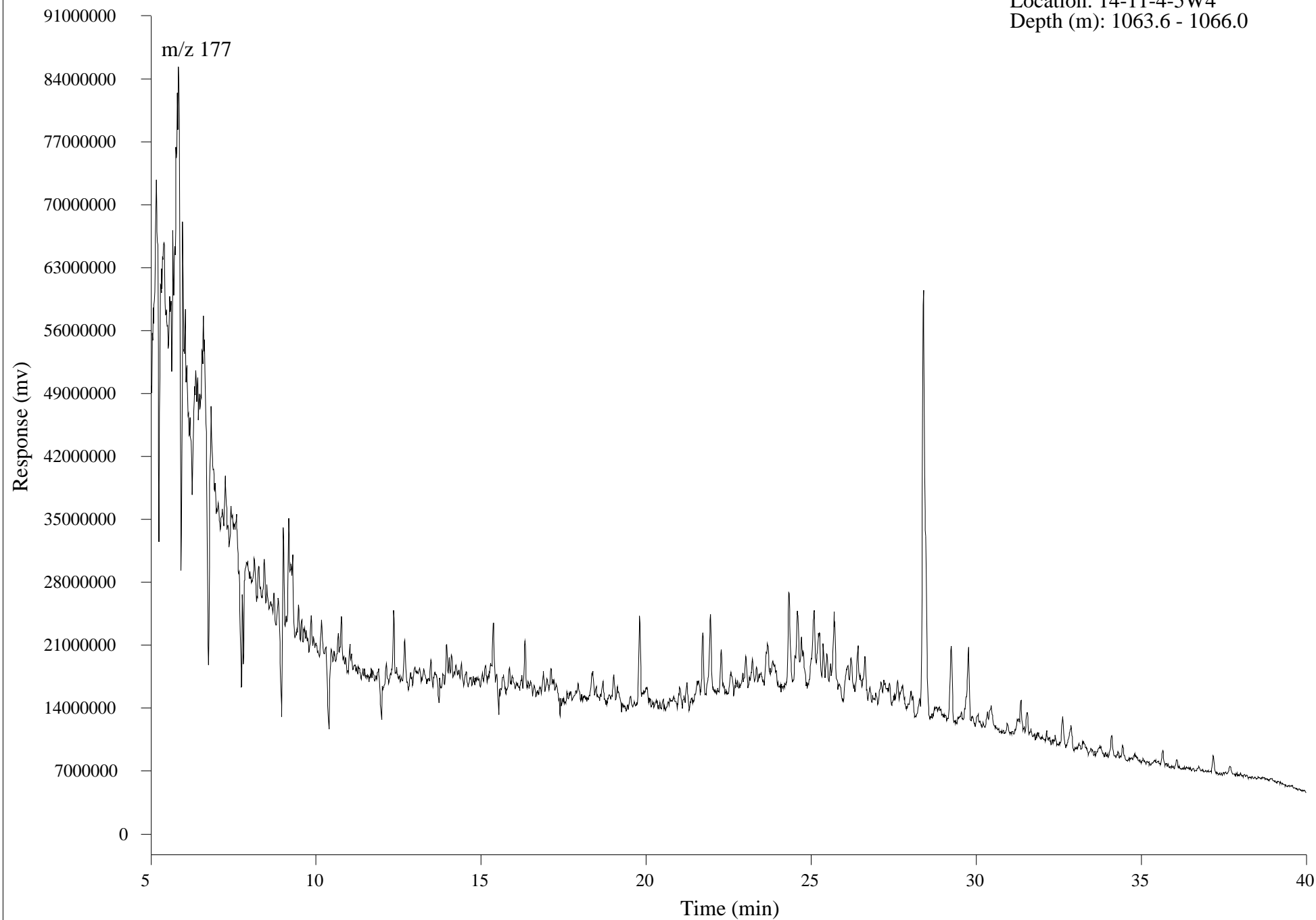
Instrument: HP 5890 GC/VG70SQ MS

MS Mode: Selected Ion Monitoring + EI

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

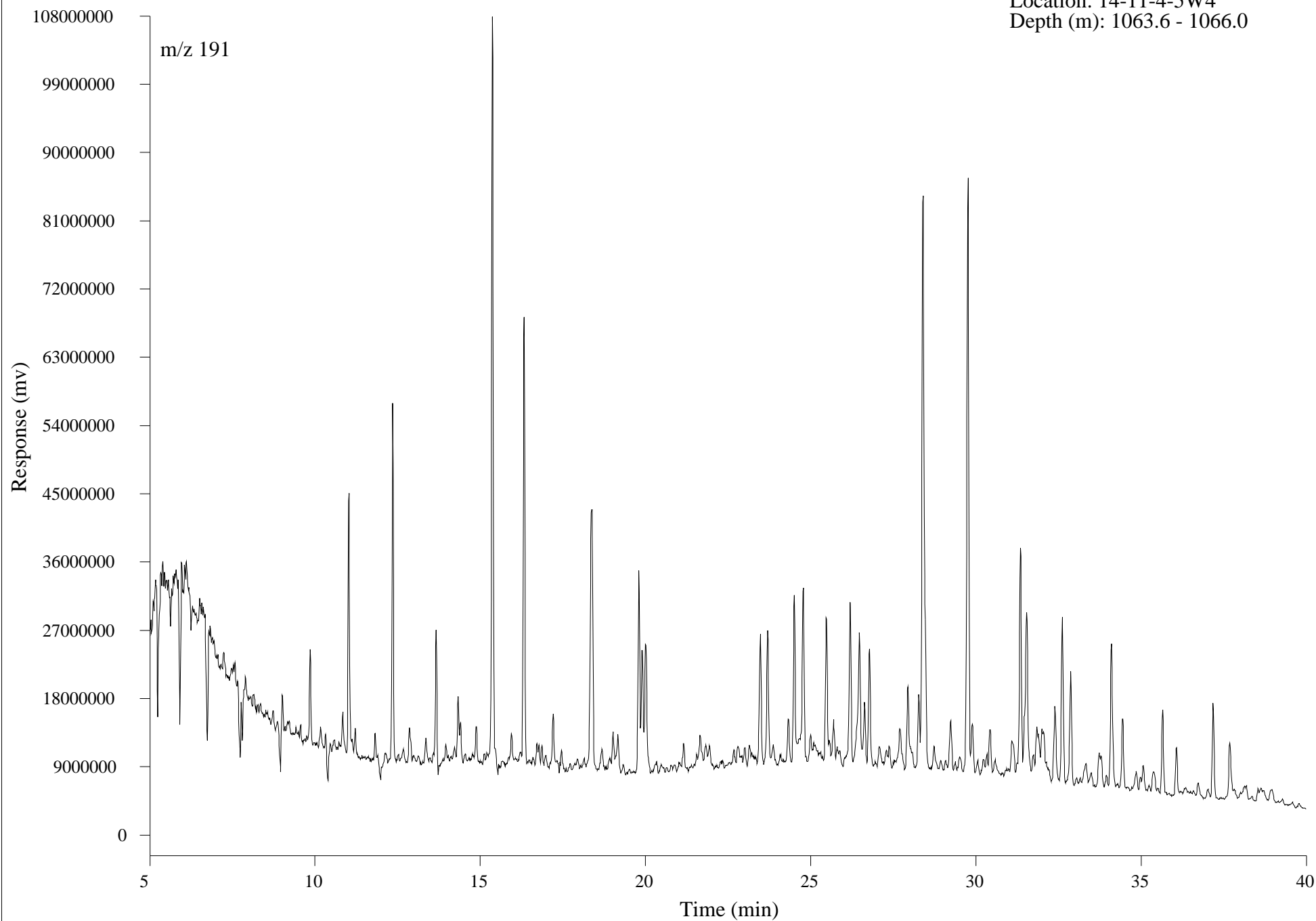
Saturated Hydrocarbons Mass Chromatogram

Lab Id: L02137
GSC No: C-558608
Location: 14-11-4-5W4
Depth (m): 1063.6 - 1066.0



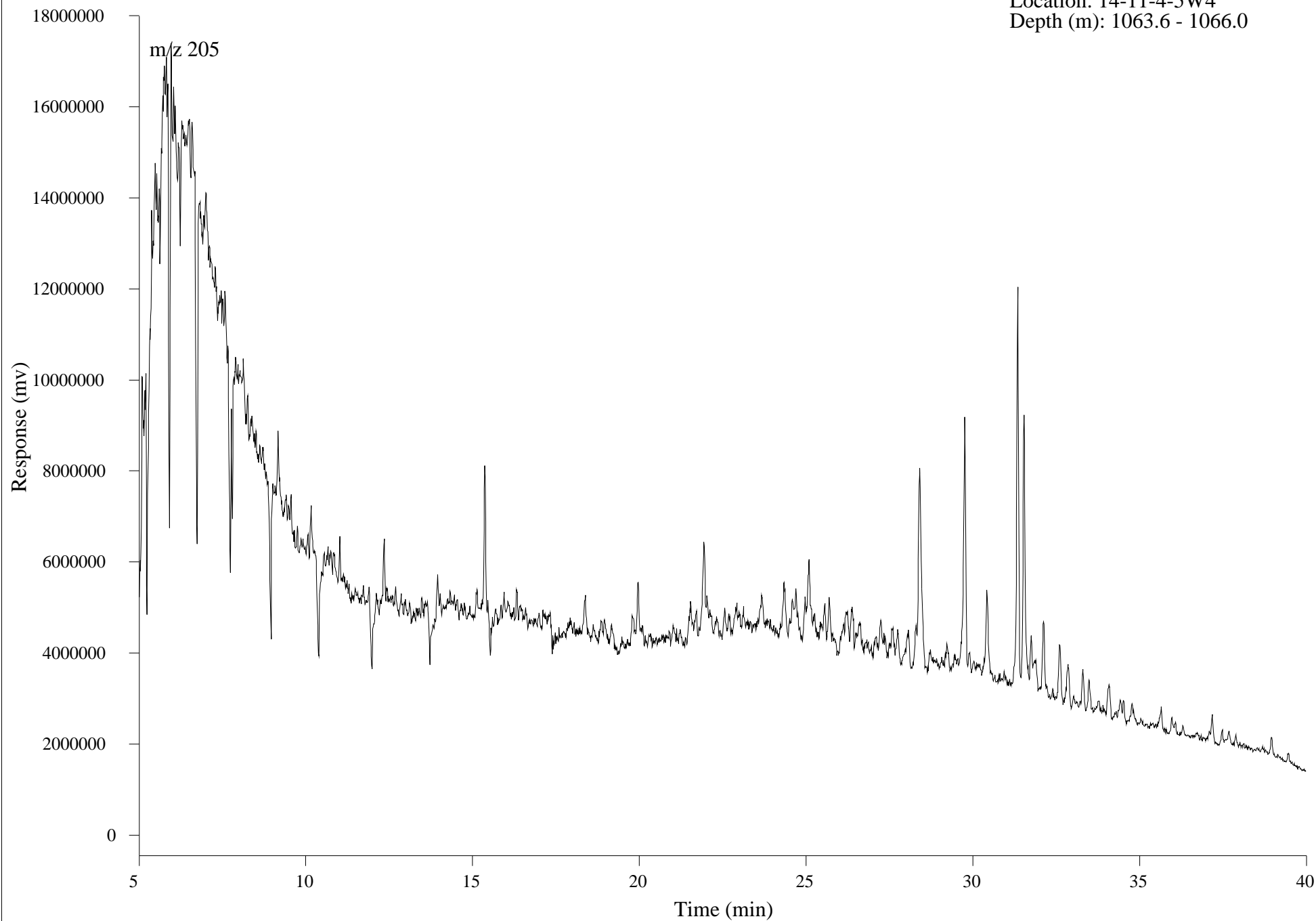
Saturated Hydrocarbons Mass Chromatogram

Lab Id: L02137
GSC No: C-558608
Location: 14-11-4-5W4
Depth (m): 1063.6 - 1066.0



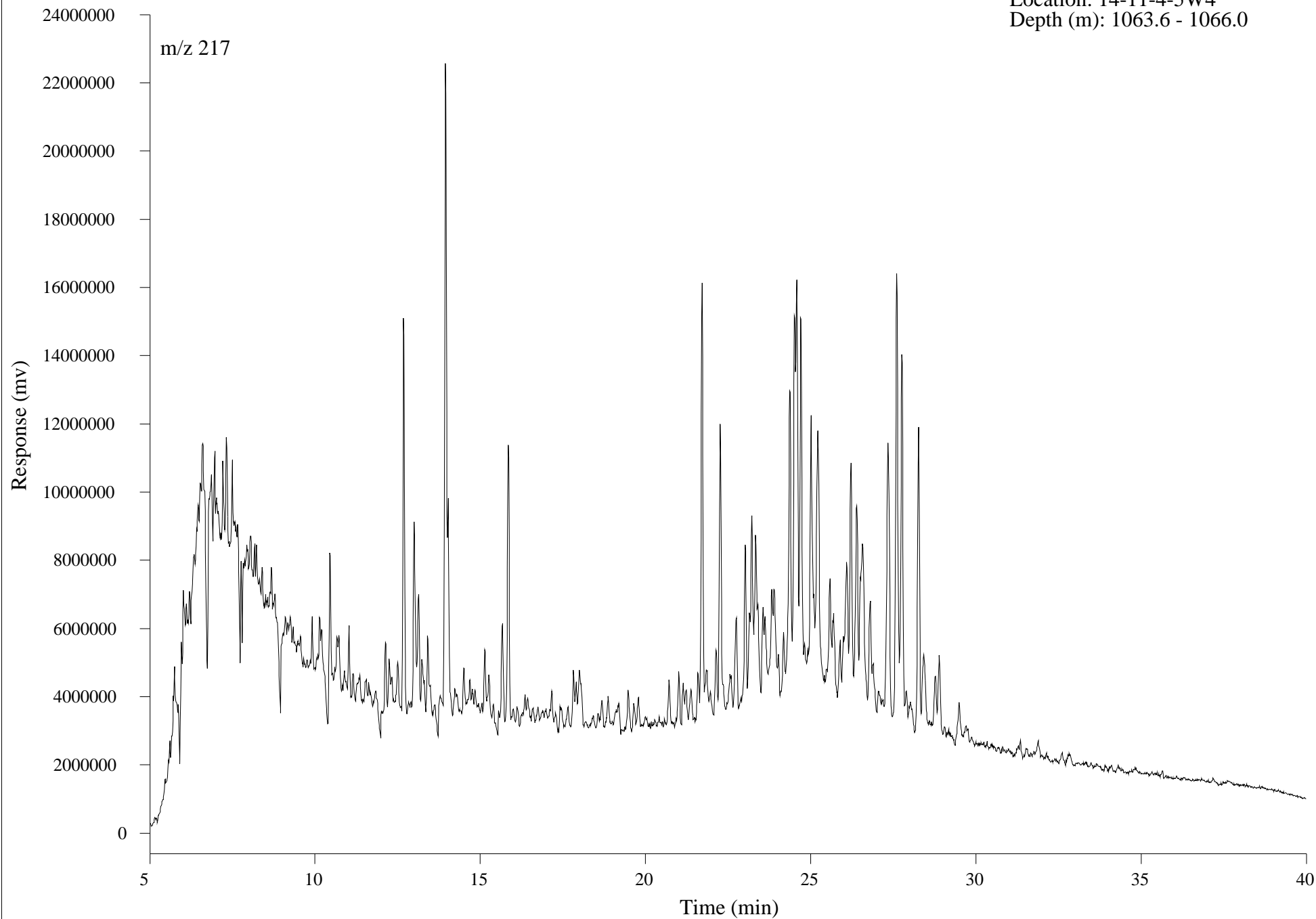
Saturated Hydrocarbons Mass Chromatogram

Lab Id: L02137
GSC No: C-558608
Location: 14-11-4-5W4
Depth (m): 1063.6 - 1066.0



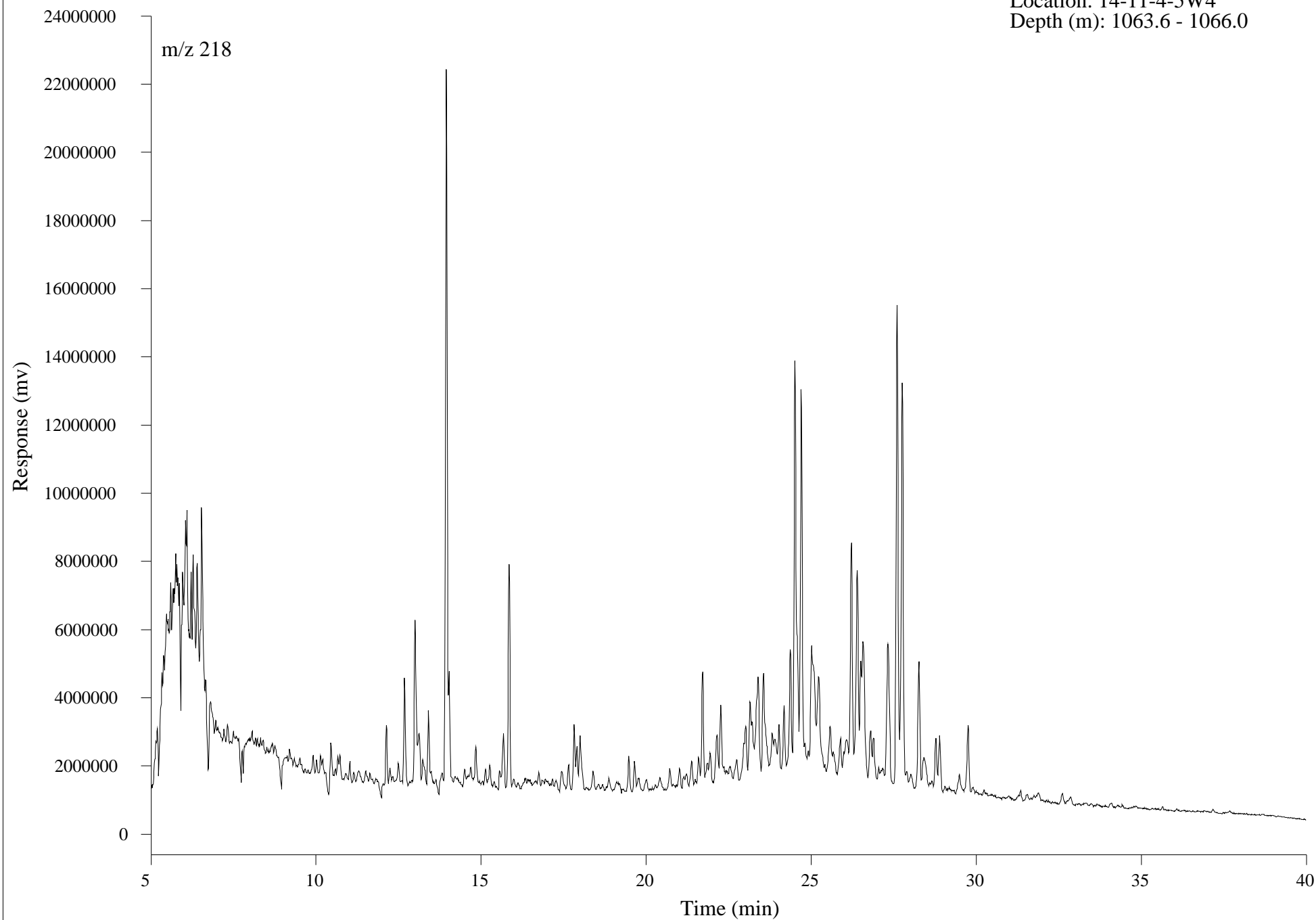
Saturated Hydrocarbons Mass Chromatogram

Lab Id: L02137
GSC No: C-558608
Location: 14-11-4-5W4
Depth (m): 1063.6 - 1066.0



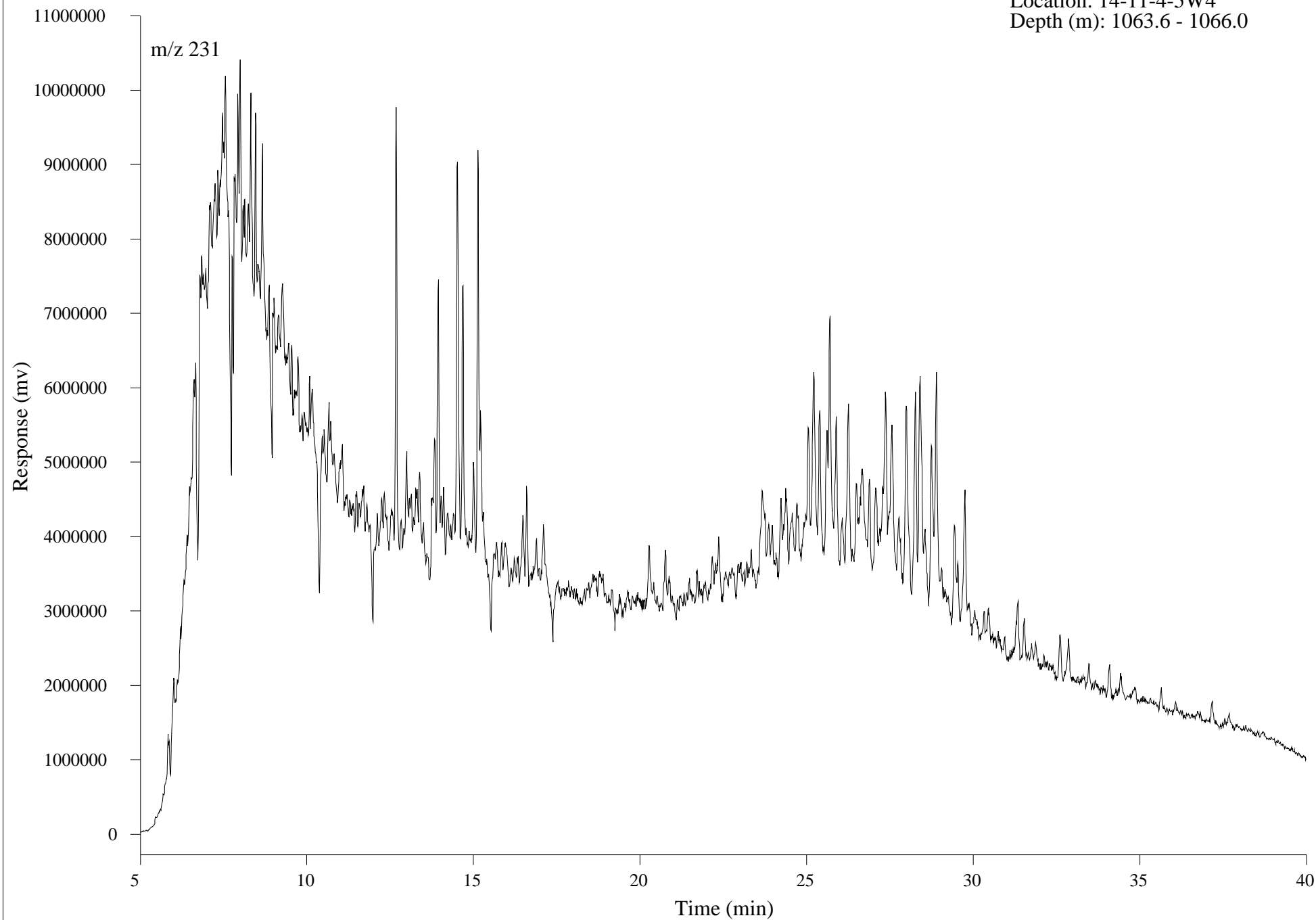
Saturated Hydrocarbons Mass Chromatogram

Lab Id: L02137
GSC No: C-558608
Location: 14-11-4-5W4
Depth (m): 1063.6 - 1066.0



Saturated Hydrocarbons Mass Chromatogram

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GSC No: C-558608
Location: 14-11-4-5W4
Depth (m): 1063.6 - 1066.0



Saturated Hydrocarbons Mass Chromatogram

Lab Id: L02137
GSC No: C-558608
Location: 14-11-4-5W4
Depth (m): 1063.6 - 1066.0

