

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: L01957

GSC Catalog No: C-558452

Acquisition Date: 1995-05-29

Location: 5-6-12-16W4

UWI: 100050601216W400

Upper Depth (m): 1008.0

Lower Depth (m): 1009.6

Fraction: gasoline

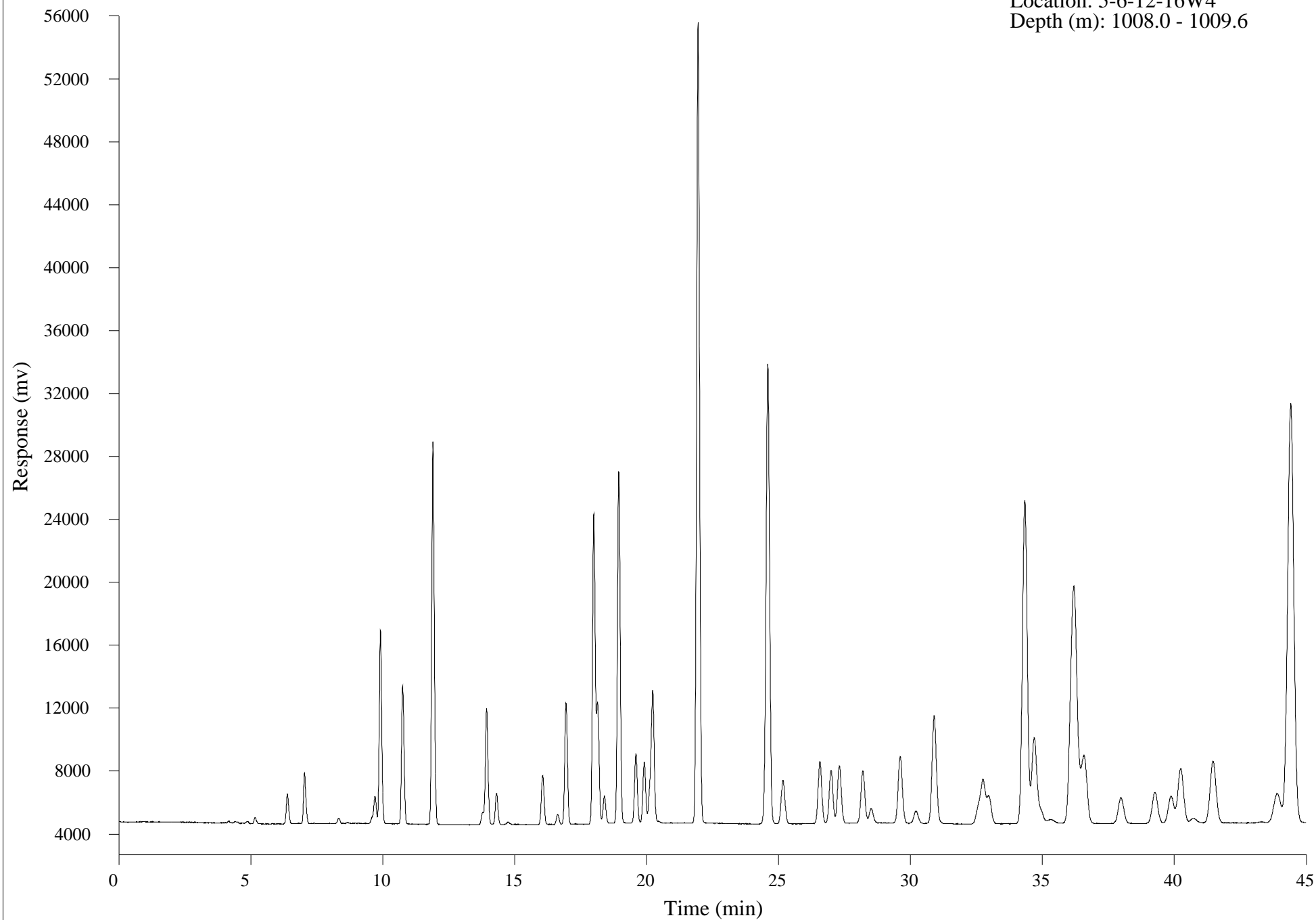
Instrument: HP 5890 GC

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

Time	Compound Name	Area	Height
6.39	iC5	12134.00	1882.77
7.04	nC5	19399.00	3224.19
8.33	22DMC4	2086.00	324.47
9.63	CYC5	2999.00	724.70
9.71	23DMC4	13105.00	1889.07
9.92	2MC5	82210.00	12502.00
10.76	3MC5	57486.00	8780.16
11.91	nC6	164947.00	24339.67
13.79	22DMC5	3917.00	775.89
13.94	MCYC5	51888.00	7379.37
14.32	24DMC5	13426.00	1974.39
14.75	223TMC4	1008.00	145.56
16.06	BEN	22870.00	3102.69
16.63	33DMC5	4668.00	638.61
16.95	CYC6	55641.00	7723.35
18.00	2MC6	144196.00	19699.30
18.14	23DMC5	49124.00	7748.41
18.40	11DMCYC5	13050.00	1748.91
18.95	3MC6	161531.00	22345.88
19.60	1c3DMCYC5	32099.00	4378.93
19.92	1t3DMCYC5	28073.00	3826.80
20.23	1t2DMCYC5	75935.00	8376.11
21.95	nC7	401180.00	50905.16
24.60	MCYC6	274169.00	29225.80
25.17	22DMC6	27692.00	2763.12
26.57	ECYC5	38394.00	3942.50
27.00	25DMC6	33420.00	3374.30
27.31	24DMC6	37043.00	3639.65
28.20	223TMC5	35106.00	3317.48
30.22	234TMC5	8591.00	760.73
30.90	TOL	78771.00	6864.03
34.34	2MC7	261262.00	20522.49
36.58	3MC7	64401.00	4333.02
43.90	1c4DMCYC6	20901.00	1374.78
44.42	nC8	416062.00	26060.97

Gasoline Gas Chromatogram

Lab Id: L01957
GSC No: C-558452
Location: 5-6-12-16W4
Depth (m): 1008.0 - 1009.6



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Organic Geochemistry Laboratory, Geological Survey of Canada - Calgary

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Sample ID: L01957

GSC Catalog No: C-558452

Acquisition Date: 1996-05-22

Location: 5-6-12-16W4

UWI: 100050601216W400

Upper Depth (m): 1008.0

Lower Depth (m): 1009.6

Fraction: saturate

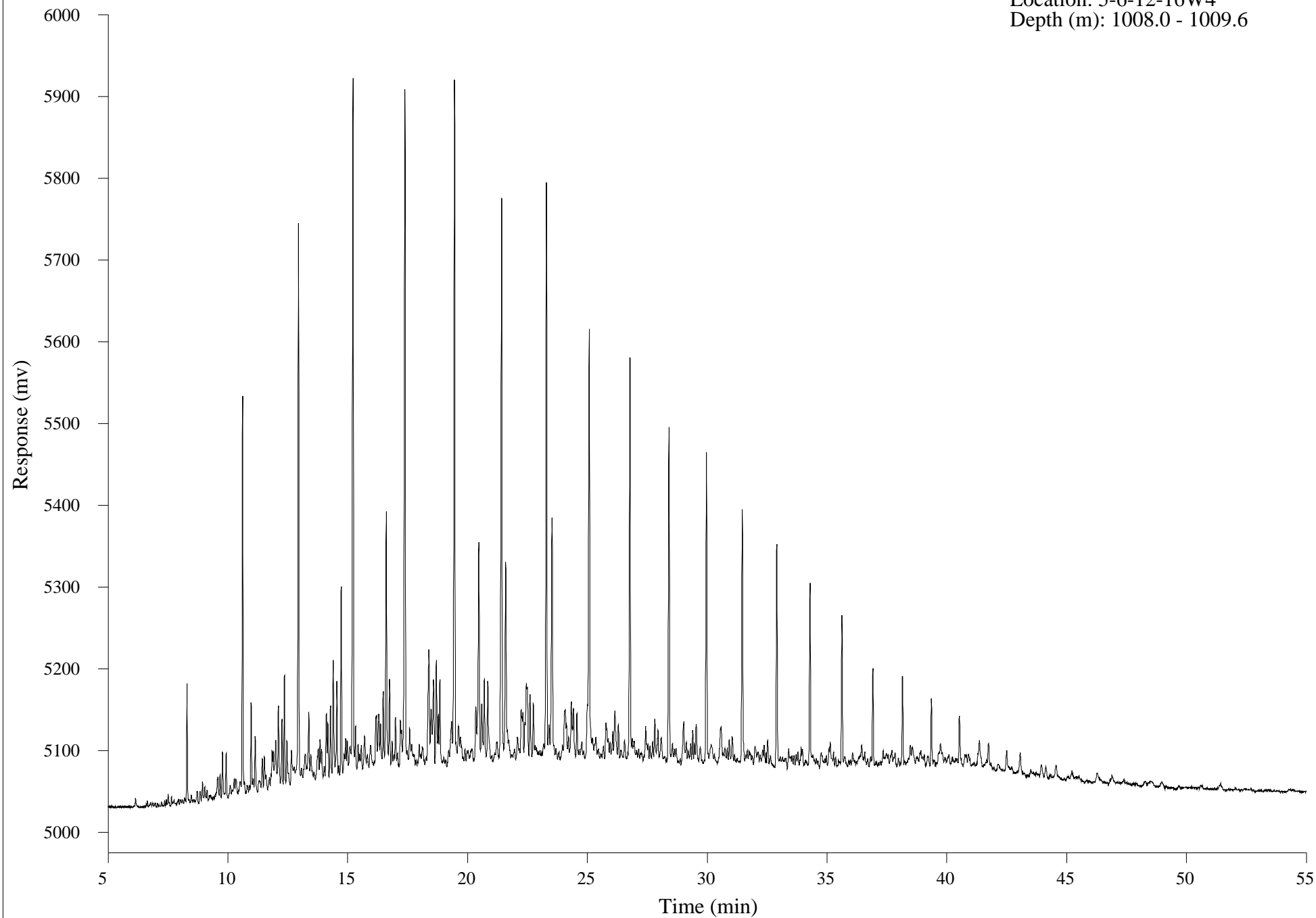
Instrument: Varian 3800 GC

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

Time	Compound Name	Area	Height
8.29	C11	305.28	144.07
10.62	C12	1092.41	473.89
12.95	C13	1654.97	676.78
15.22	C14	2269.00	833.46
17.39	C15	2397.97	829.90
19.46	C16	2415.53	831.20
21.42	C17	2164.12	678.31
21.59	Pr	687.07	220.87
23.30	C18	1815.48	691.34
23.53	Ph	948.09	279.04
25.08	C19	1782.18	519.79
26.78	C20	1395.74	485.61
28.41	C21	1177.77	405.89
29.97	C22	1058.21	372.56
31.47	C23	939.54	309.44
32.91	C24	796.28	271.79
34.30	C25	601.86	217.22
35.63	C26	492.95	178.73
36.92	C27	335.88	115.67
38.15	C28	287.73	108.04
39.36	C29	224.57	81.79
40.53	C30	191.72	58.34

Saturated Hydrocarbons Gas Chromatogram

Lab Id: L01957
GSC No: C-558452
Location: 5-6-12-16W4
Depth (m): 1008.0 - 1009.6



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: L01957

GSC Catalog No: C-558452

Acquisition Date: 1996-06-26

Location: 5-6-12-16W4

UWI: 100050601216W400

Upper Depth (m): 1008.0

Lower Depth (m): 1009.6

Fraction: saturate

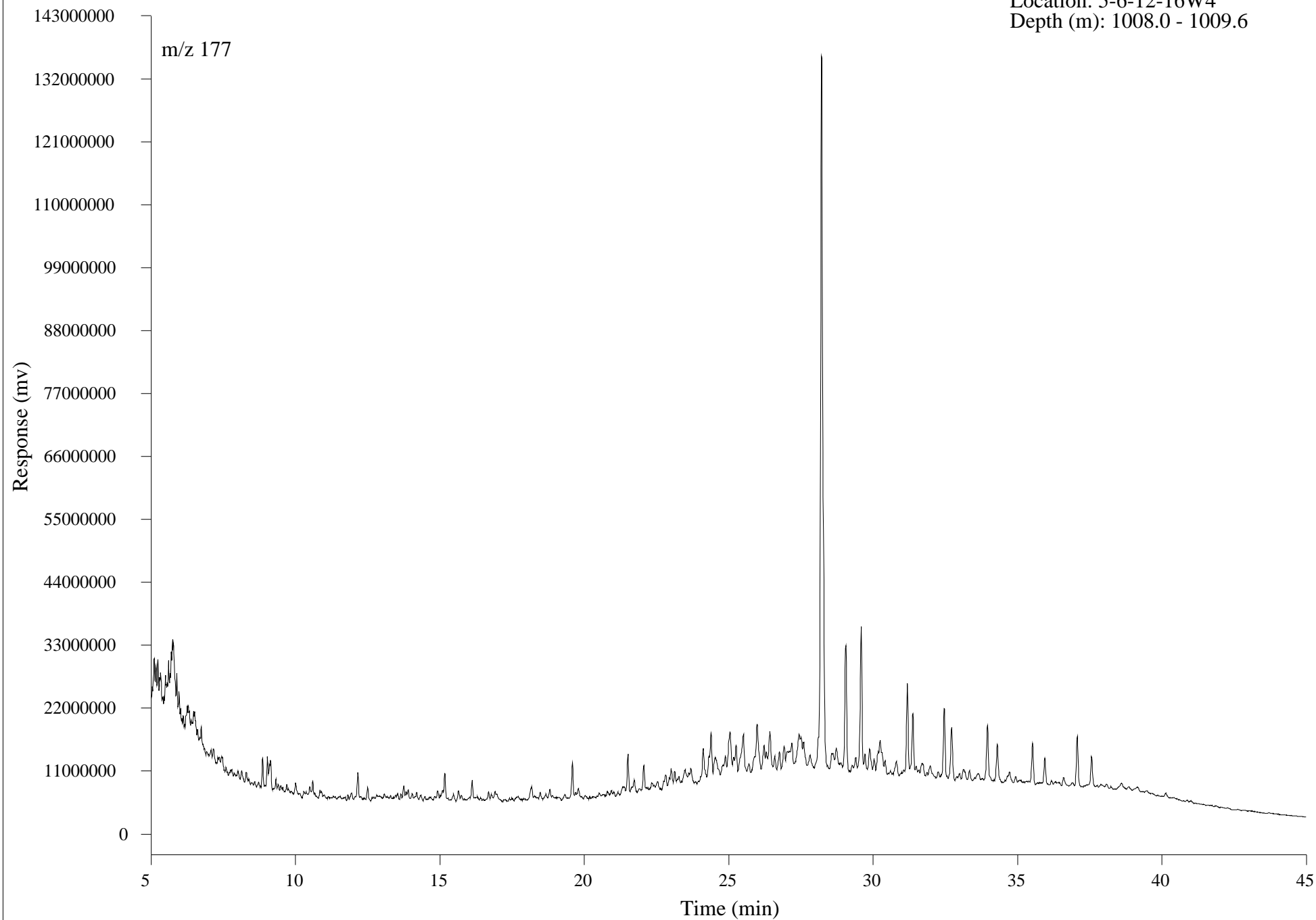
Instrument: HP 5890 GC/VG70SQ MS

MS Mode: Selected Ion Monitoring + EI

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

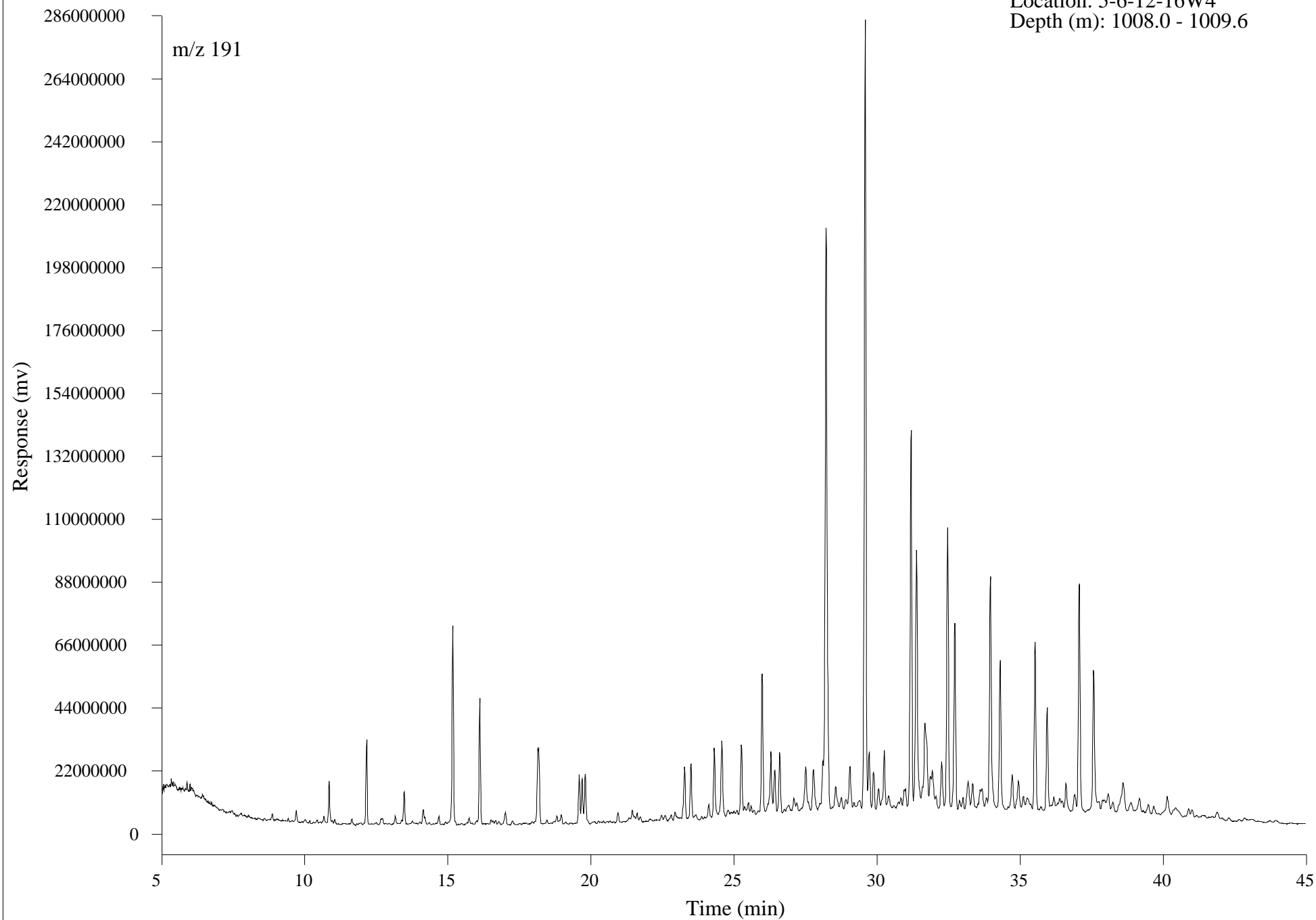
Saturated Hydrocarbons Mass Chromatogram

Lab Id: L01957
GSC No: C-558452
Location: 5-6-12-16W4
Depth (m): 1008.0 - 1009.6



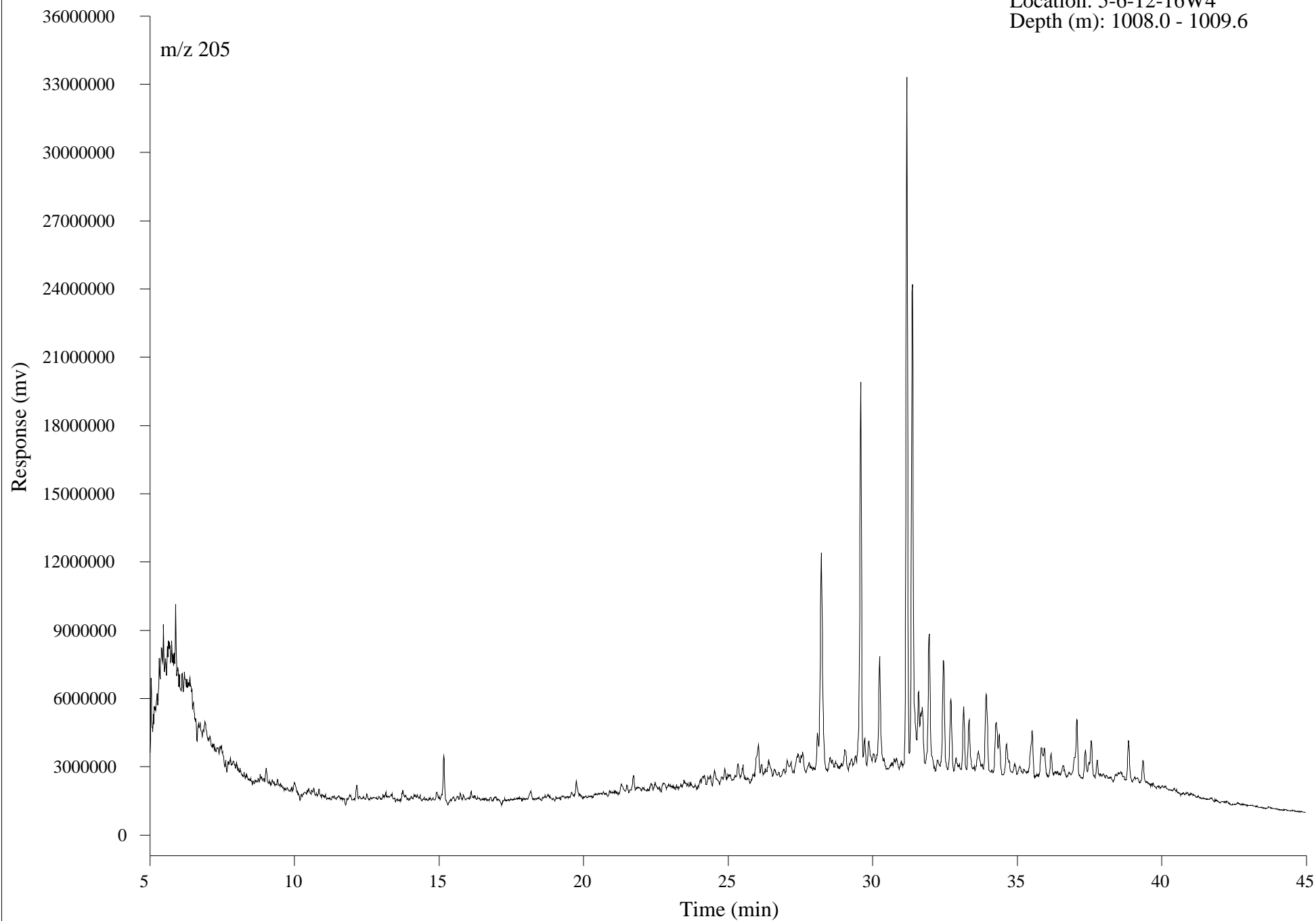
Saturated Hydrocarbons Mass Chromatogram

Lab Id: L01957
GSC No: C-558452
Location: 5-6-12-16W4
Depth (m): 1008.0 - 1009.6



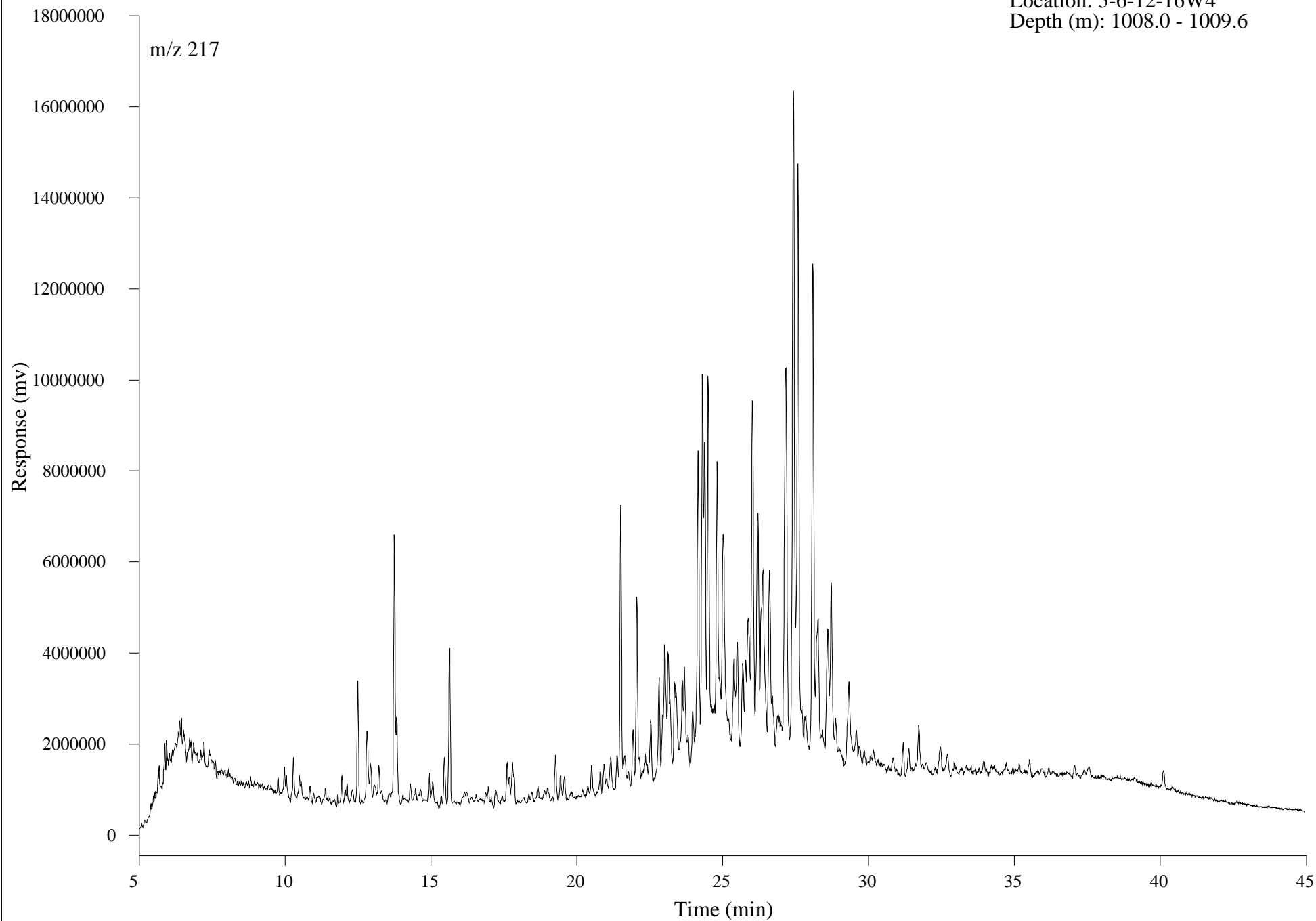
Saturated Hydrocarbons Mass Chromatogram

Lab Id: L01957
GSC No: C-558452
Location: 5-6-12-16W4
Depth (m): 1008.0 - 1009.6



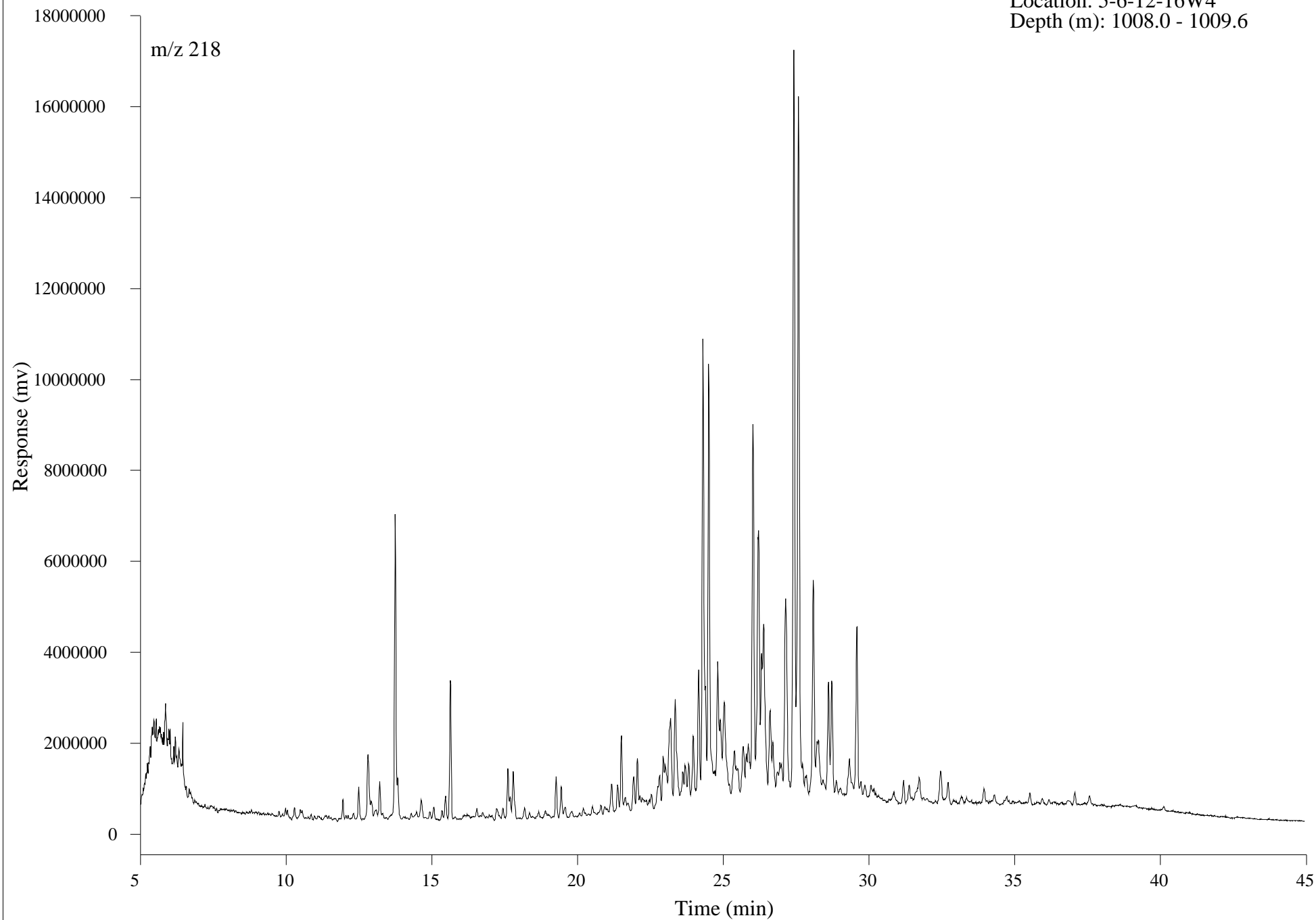
Saturated Hydrocarbons Mass Chromatogram

Lab Id: L01957
GSC No: C-558452
Location: 5-6-12-16W4
Depth (m): 1008.0 - 1009.6



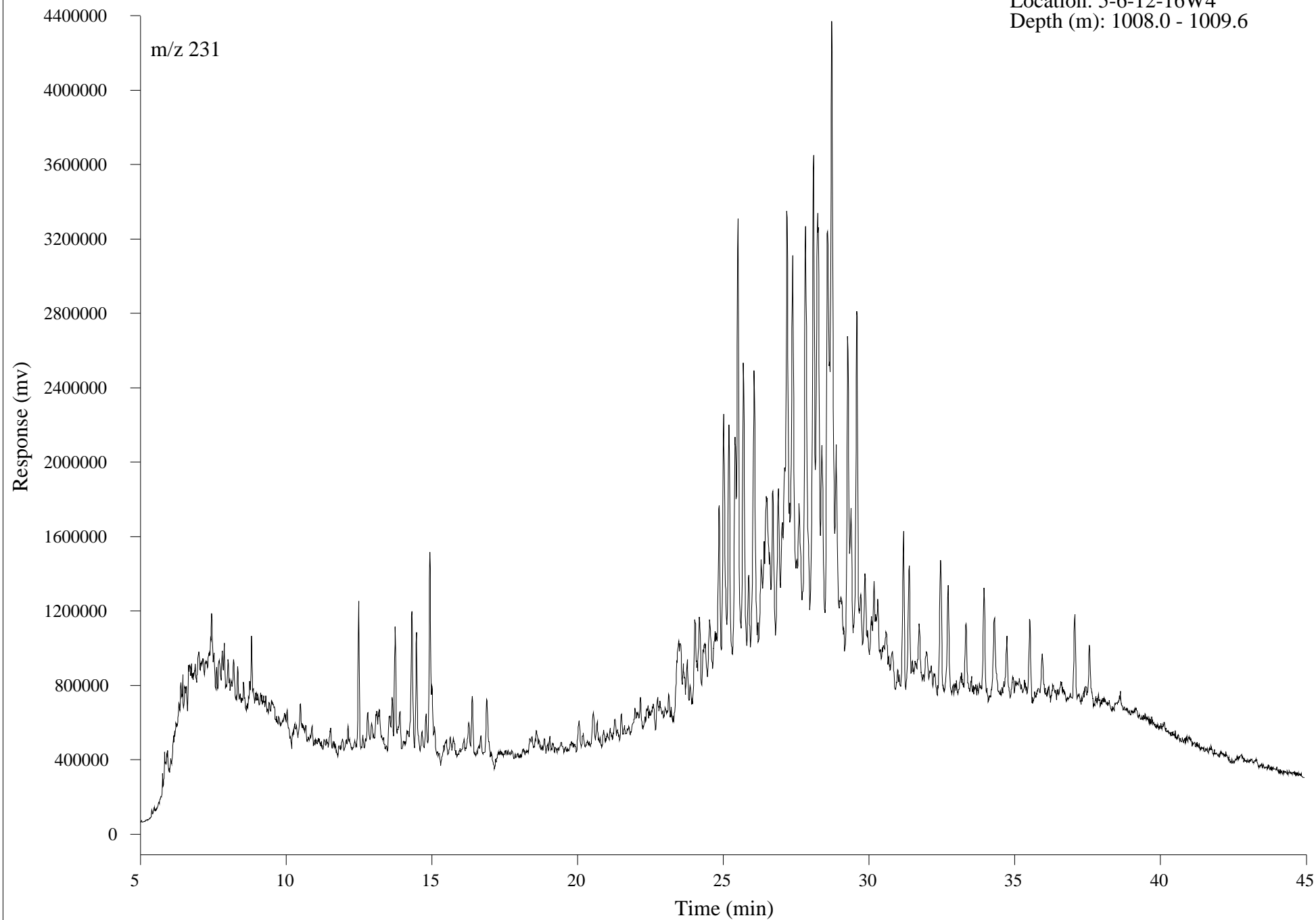
Saturated Hydrocarbons Mass Chromatogram

Lab Id: L01957
GSC No: C-558452
Location: 5-6-12-16W4
Depth (m): 1008.0 - 1009.6



Saturated Hydrocarbons Mass Chromatogram

Lab Id: L01957
GSC No: C-558452
Location: 5-6-12-16W4
Depth (m): 1008.0 - 1009.6



Saturated Hydrocarbons Mass Chromatogram

Lab Id: L01957
GSC No: C-558452
Location: 5-6-12-16W4
Depth (m): 1008.0 - 1009.6

