

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: L01949

GSC Catalog No: C-562085

Acquisition Date: 1995-05-31

Location: 13-24-19-21W4

UWI: 100132401921W400

Upper Depth (m): 1408.0

Lower Depth (m): 1480.5

Fraction: gasoline

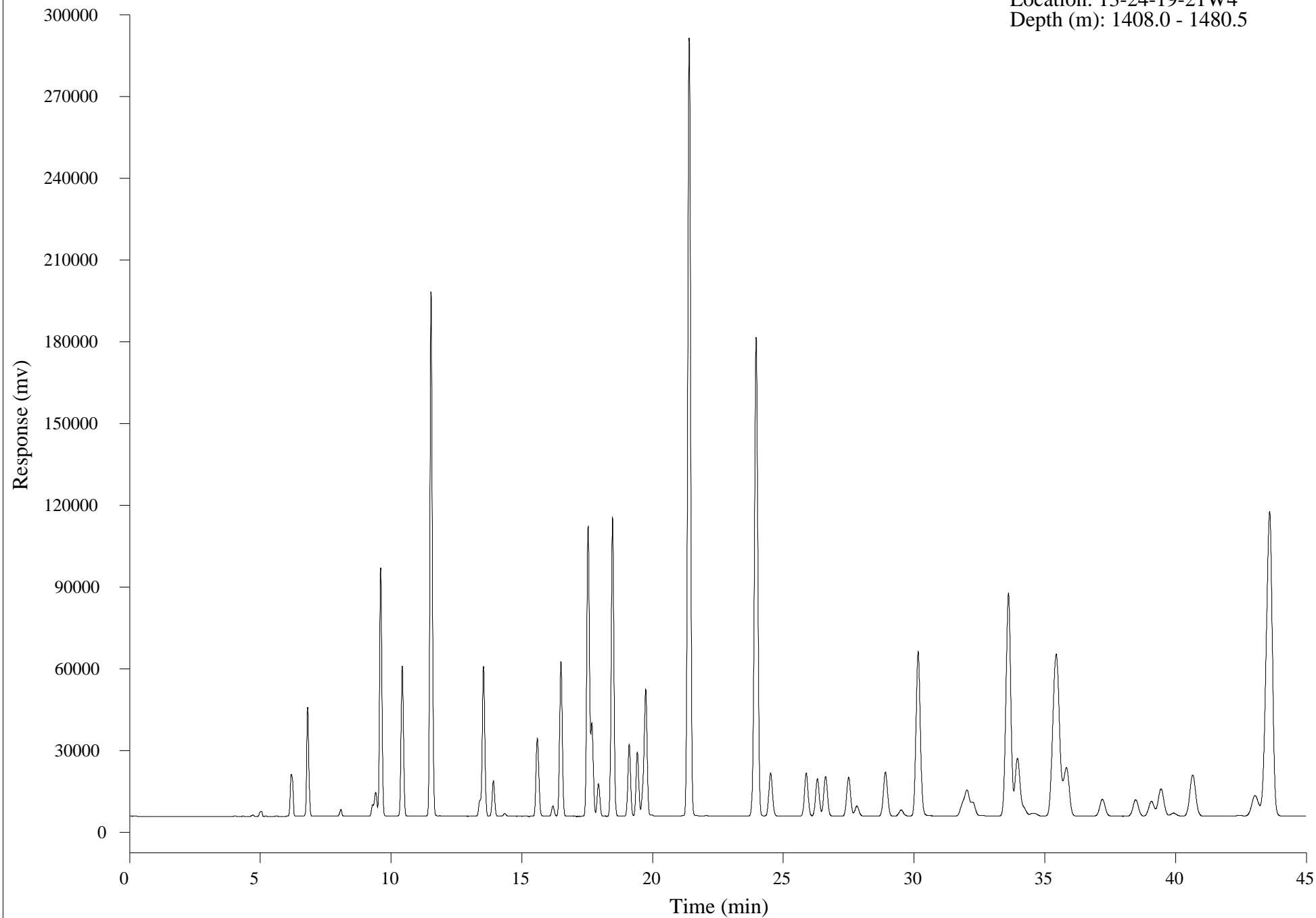
Instrument: HP 5890 GC

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

Time	Compound Name	Area	Height
6.19	iC5	112732.00	15480.00
6.81	nC5	223278.00	39994.87
8.09	22DMC4	13584.00	2408.19
9.30	CYC5	17938.00	4083.42
9.41	23DMC4	63570.00	8651.15
9.60	2MC5	567110.00	91293.55
10.43	3MC5	355329.00	55275.71
11.53	nC6	1215236.00	192591.71
13.42	22DMC5	33746.00	7079.66
13.54	MCYC5	398537.00	56065.00
13.91	223TMC4	85836.00	13017.74
14.35	24DMC5	6913.00	1003.29
15.59	BEN	213624.00	28572.71
16.19	33DMC5	25931.00	3740.18
16.50	CYC6	400423.00	56614.09
17.54	2MC6	763960.00	106172.04
17.68	23DMC5	210818.00	34229.06
17.93	11DMCYC5	85552.00	11867.06
18.47	3MC6	779378.00	109584.95
19.11	1c3DMCYC5	191569.00	26618.84
19.42	1t3DMCYC5	172200.00	23637.03
19.74	1t2DMCYC5	400053.00	46638.69
21.41	nC7	2162874.00	285791.19
23.97	MCYC6	1577406.00	175770.68
24.52	22DMC6	152787.00	15803.46
25.88	ECYC5	149403.00	15806.27
26.31	25DMC6	133680.00	13643.06
26.62	24DMC6	145288.00	14478.02
27.50	223TMC5	149194.00	14246.70
29.51	234TMC5	26486.00	2224.21
30.16	TOL	690952.00	60336.05
33.62	2MC7	1047421.00	81890.05
35.83	3MC7	258431.00	17878.97
43.04	1c4DMCYC6	130051.00	7483.95
43.60	nC8	1845065.00	111603.94

Gasoline Gas Chromatogram

Lab Id: L01949
GSC No: C-562085
Location: 13-24-19-21W4
Depth (m): 1408.0 - 1480.5



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Sample ID: L01949

GSC Catalog No: C-562085

Acquisition Date: 1996-03-12

Location: 13-24-19-21W4

UWI: 100132401921W400

Upper Depth (m): 1408.0

Lower Depth (m): 1480.5

Fraction: saturate

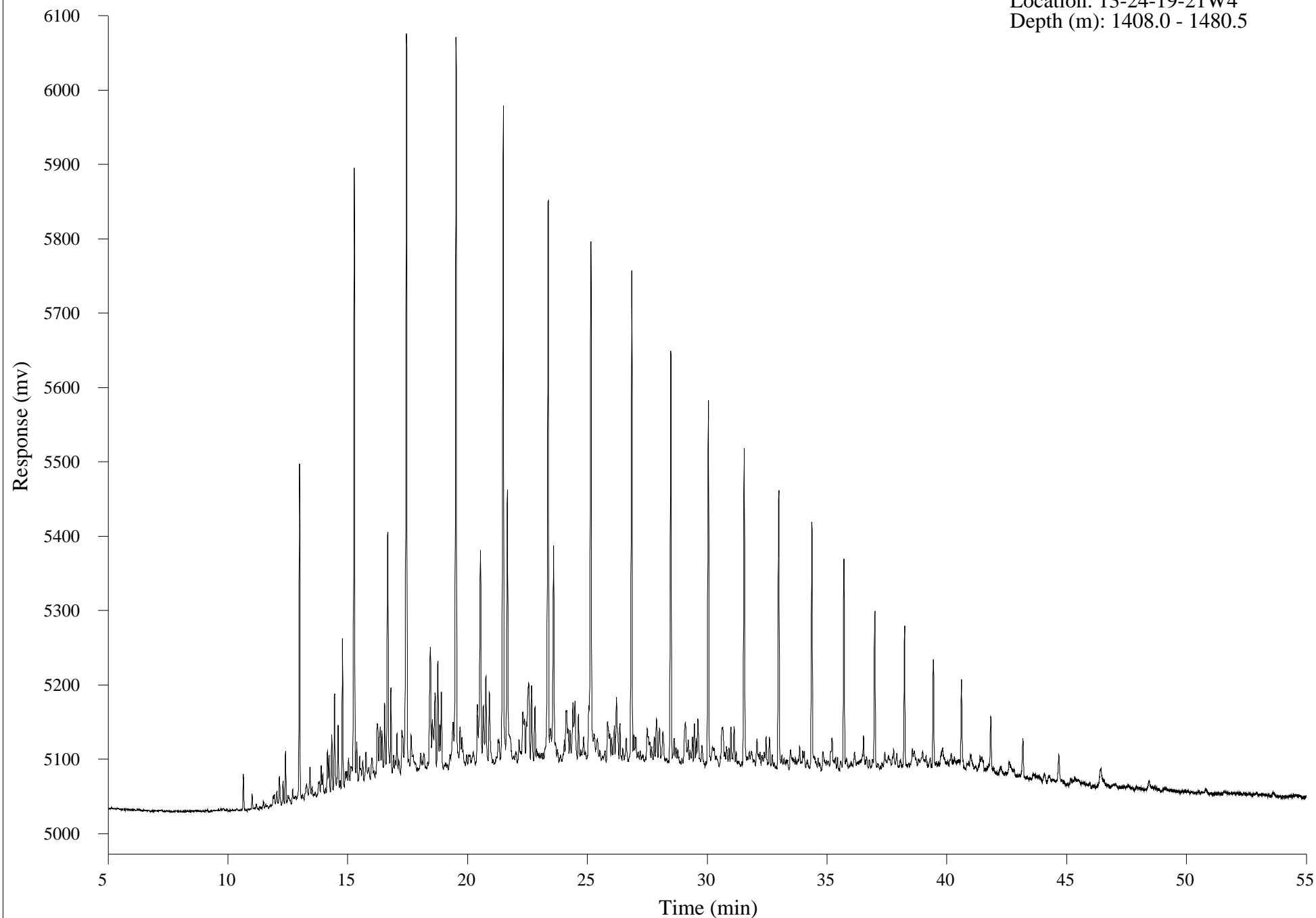
Instrument: Varian 3800 GC

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

Time	Compound Name	Area	Height
10.65	C12	117.31	49.84
12.99	C13	1058.21	447.26
15.28	C14	2335.78	825.73
17.46	C15	2929.08	985.94
19.53	C16	2897.53	973.43
21.49	C17	2707.77	862.73
21.66	Pr	1049.20	341.42
23.37	C18	2257.43	732.06
23.59	Ph	796.28	264.46
25.15	C19	2256.83	684.02
26.86	C20	1863.62	651.88
28.49	C21	1612.45	550.70
30.05	C22	1407.44	482.53
31.55	C23	1298.98	422.38
32.99	C24	1129.31	369.61
34.37	C25	933.69	326.27
35.71	C26	779.48	277.46
37.00	C27	611.91	206.70
38.24	C28	520.55	189.61
39.44	C29	425.74	144.39
40.61	C30	333.93	114.48
41.84	C31	226.52	70.11
43.18	C32	185.72	52.58

Saturated Hydrocarbons Gas Chromatogram

Lab Id: L01949
GSC No: C-562085
Location: 13-24-19-21W4
Depth (m): 1408.0 - 1480.5



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

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Sample ID: L01949

GSC Catalog No: C-562085

Acquisition Date: 1996-04-10

Location: 13-24-19-21W4

UWI: 100132401921W400

Upper Depth (m): 1408.0

Lower Depth (m): 1480.5

Fraction: saturate

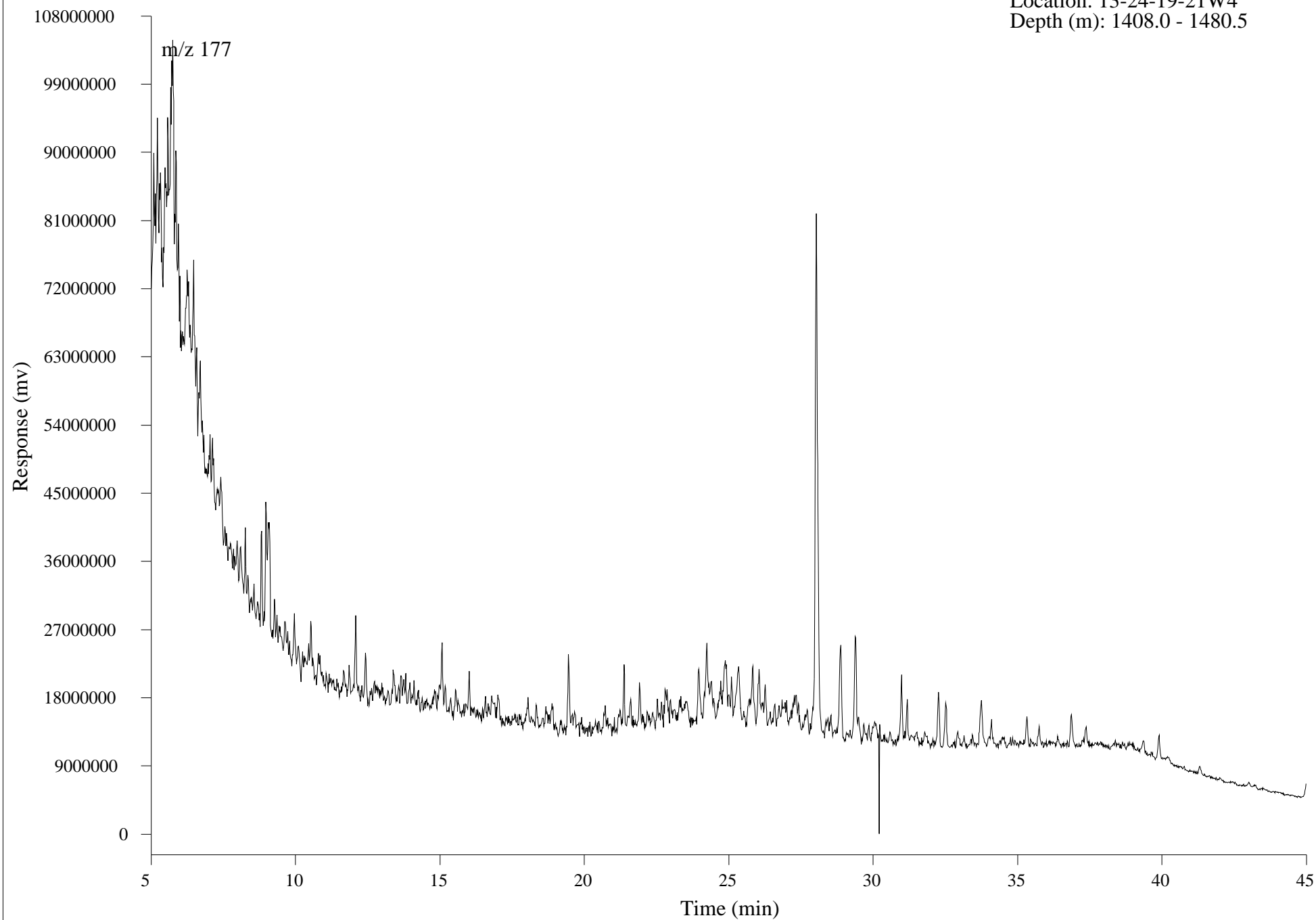
Instrument: HP 5890 GC/VG70SQ MS

MS Mode: Selected Ion Monitoring + EI

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

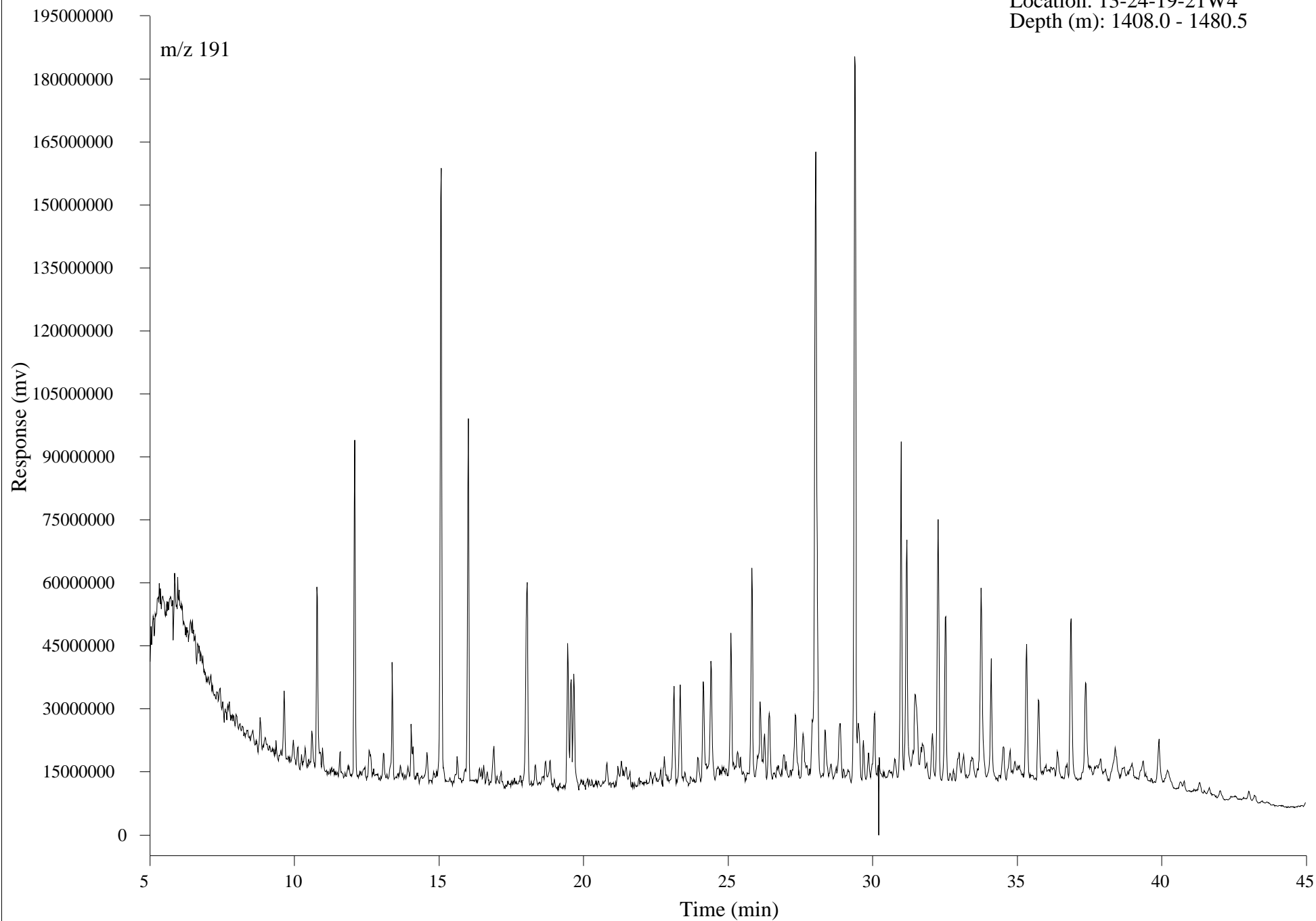
Saturated Hydrocarbons Mass Chromatogram

Lab Id: L01949
GSC No: C-562085
Location: 13-24-19-21W4
Depth (m): 1408.0 - 1480.5



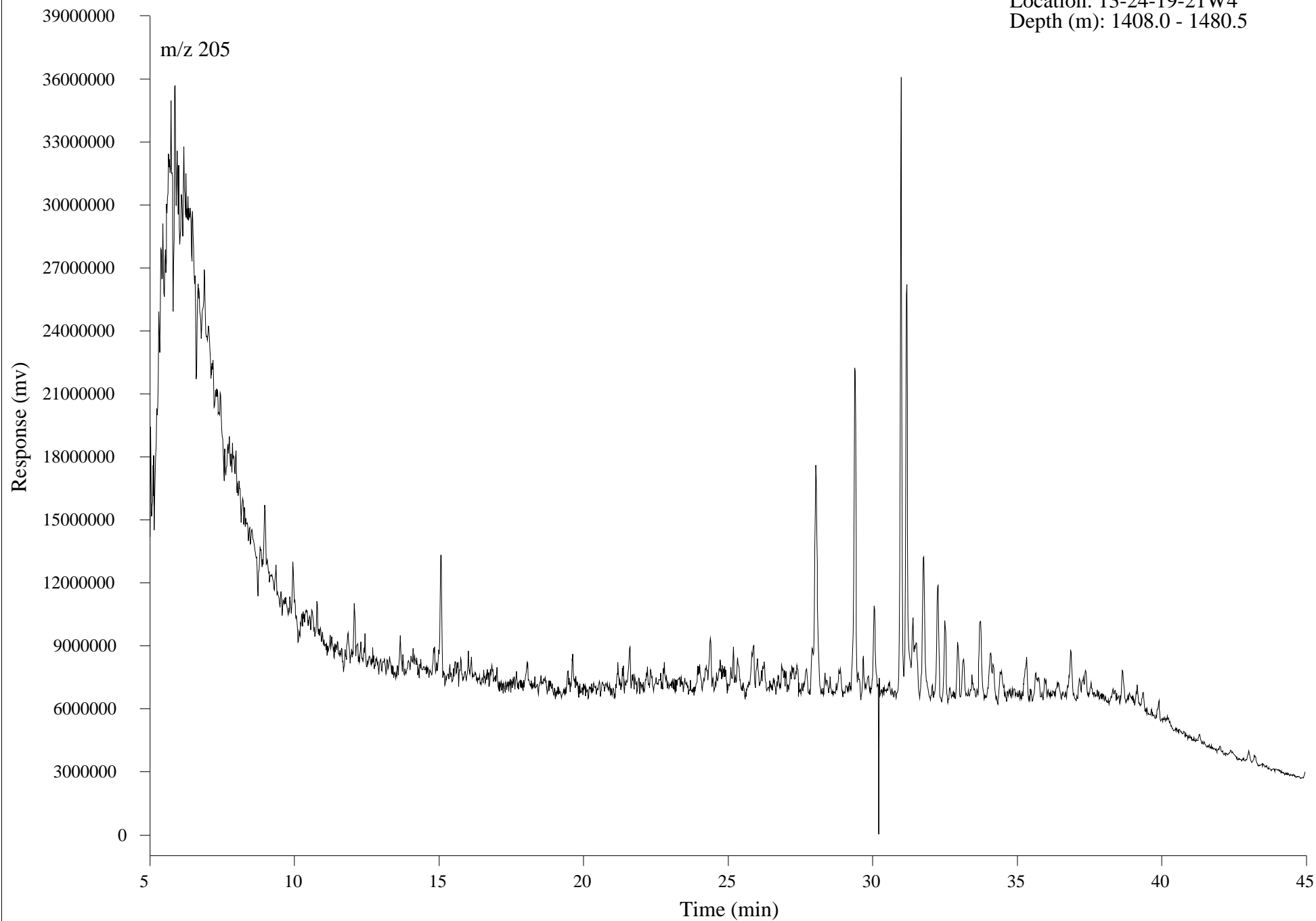
Saturated Hydrocarbons Mass Chromatogram

Lab Id: L01949
GSC No: C-562085
Location: 13-24-19-21W4
Depth (m): 1408.0 - 1480.5



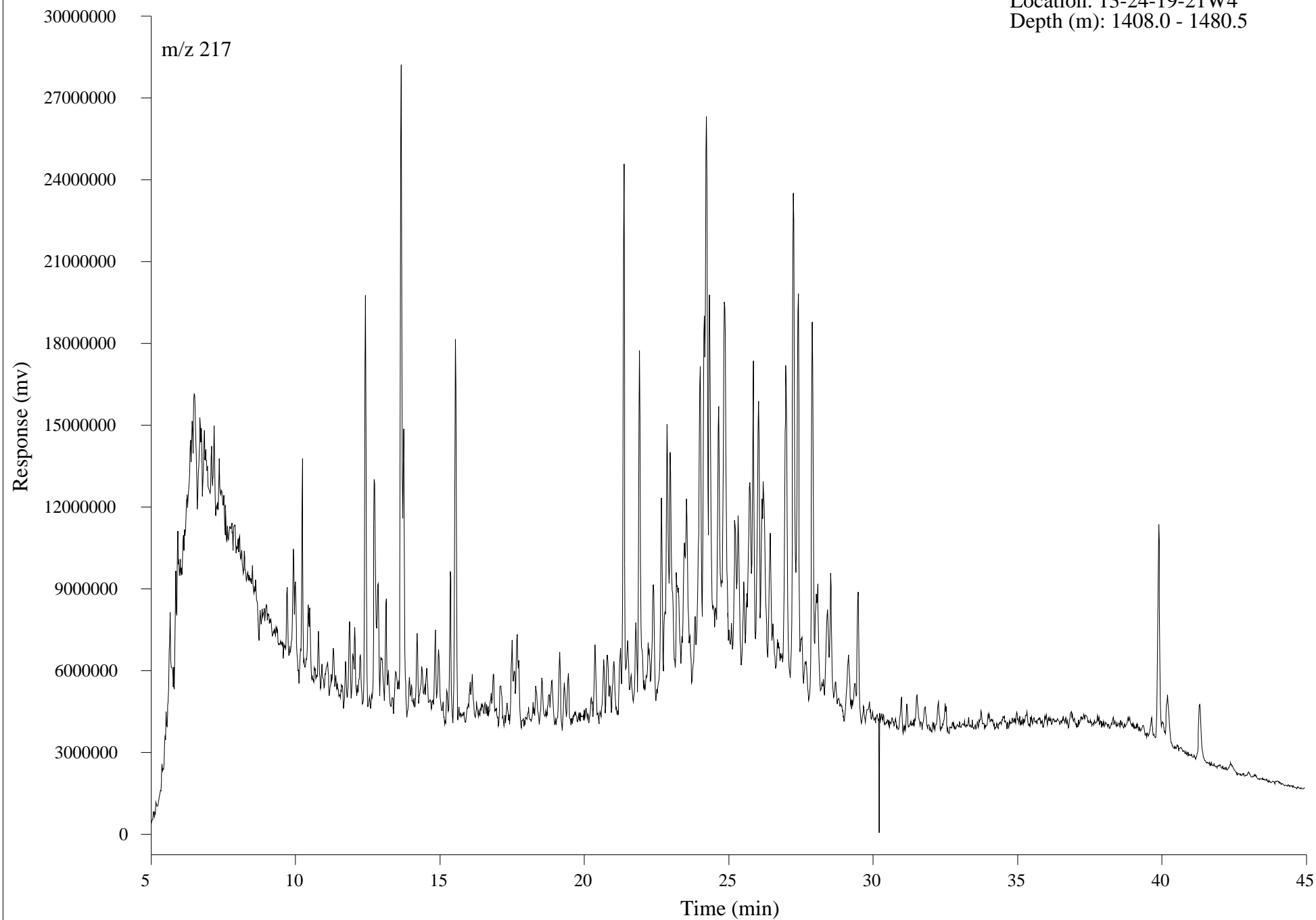
Saturated Hydrocarbons Mass Chromatogram

Lab Id: L01949
GSC No: C-562085
Location: 13-24-19-21W4
Depth (m): 1408.0 - 1480.5



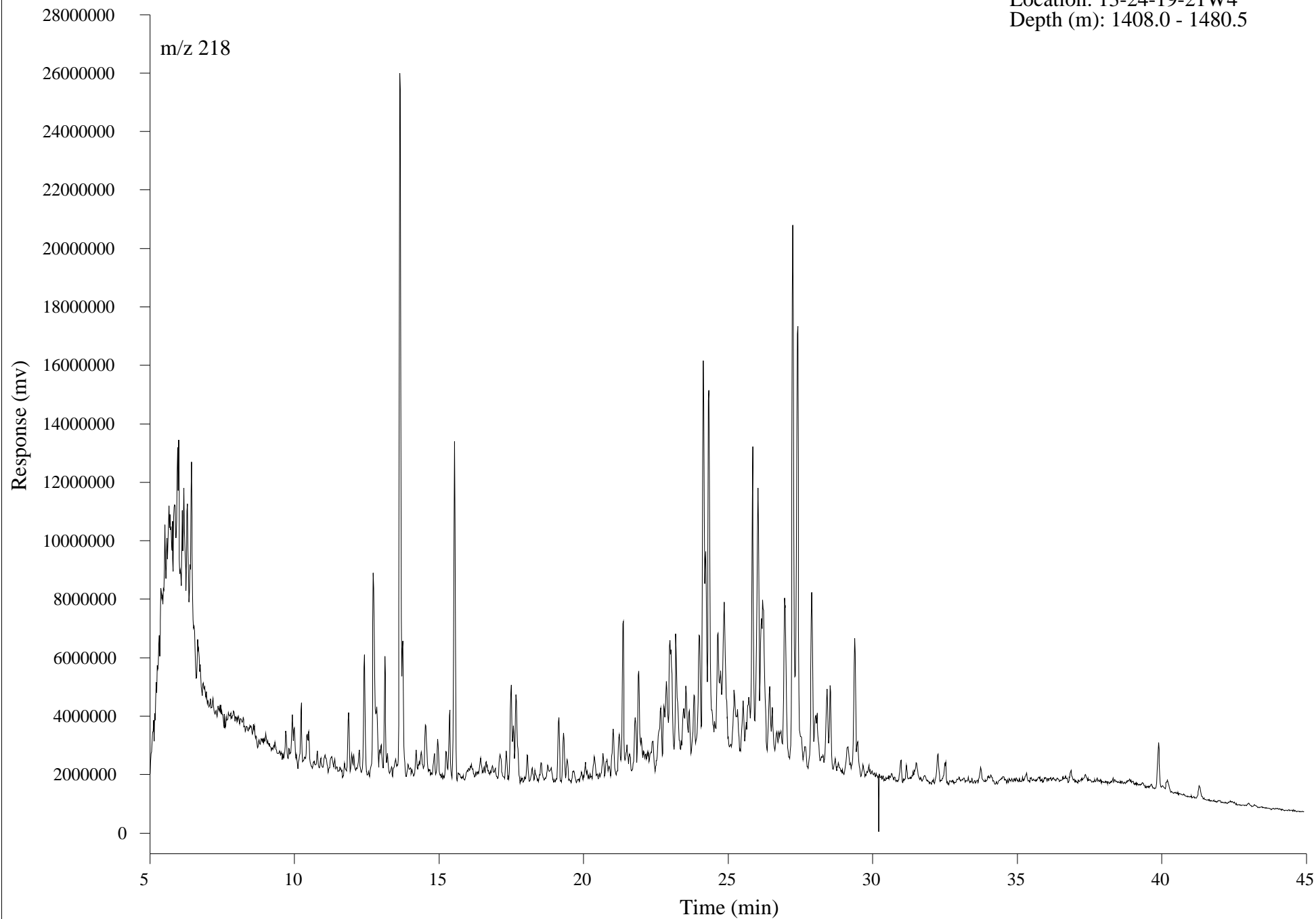
Saturated Hydrocarbons Mass Chromatogram

Lab Id: L01949
GSC No: C-562085
Location: 13-24-19-21W4
Depth (m): 1408.0 - 1480.5



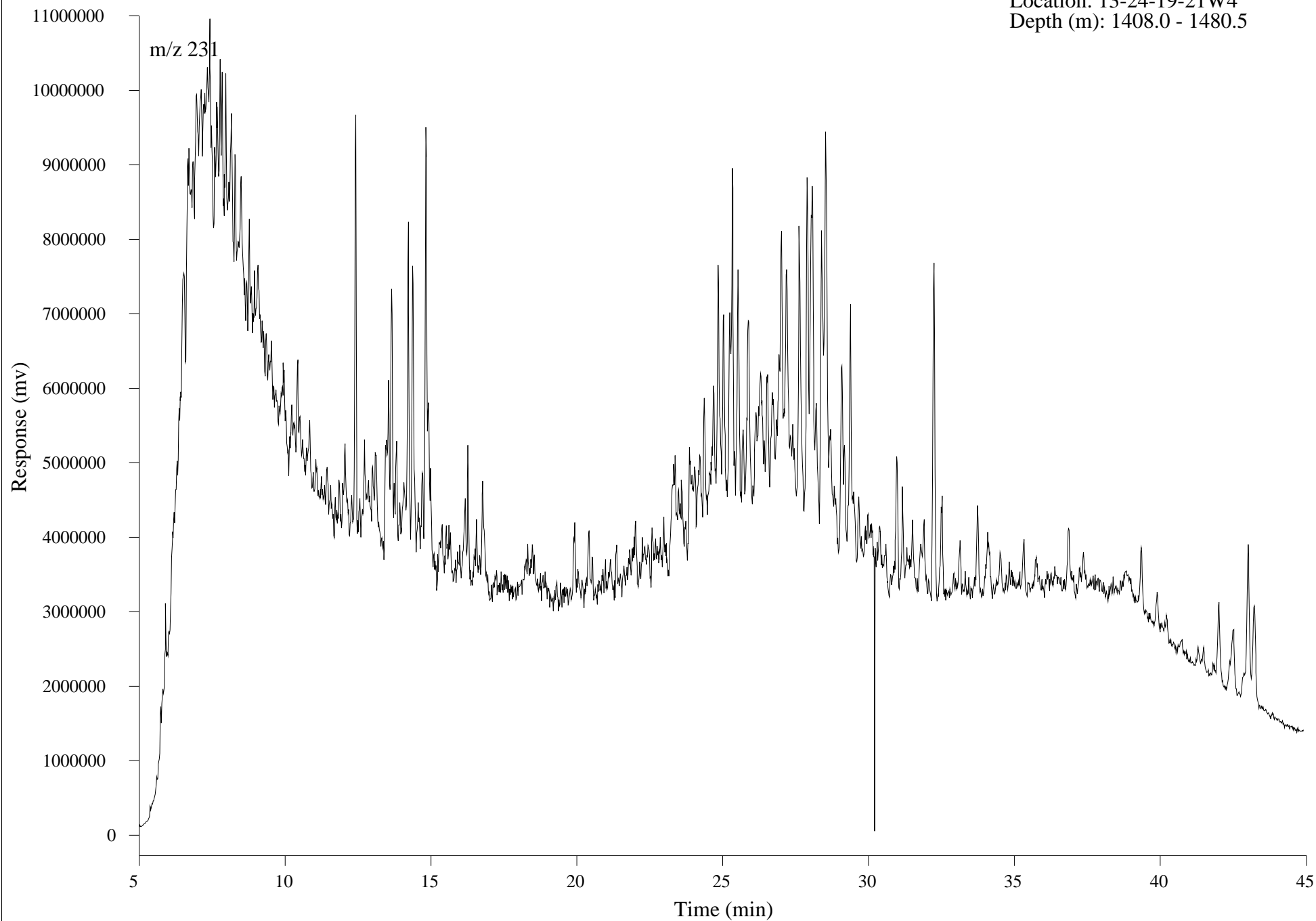
Saturated Hydrocarbons Mass Chromatogram

Lab Id: L01949
GSC No: C-562085
Location: 13-24-19-21W4
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Location: 13-24-19-21W4
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