

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: L02513

GSC Catalog No: C-558702

Acquisition Date: 1998-01-21

Location: 4-24-10-16W4

UWI: 100042401016W400

Upper Depth (m): 948.5

Lower Depth (m): 956.6

Fraction: gasoline

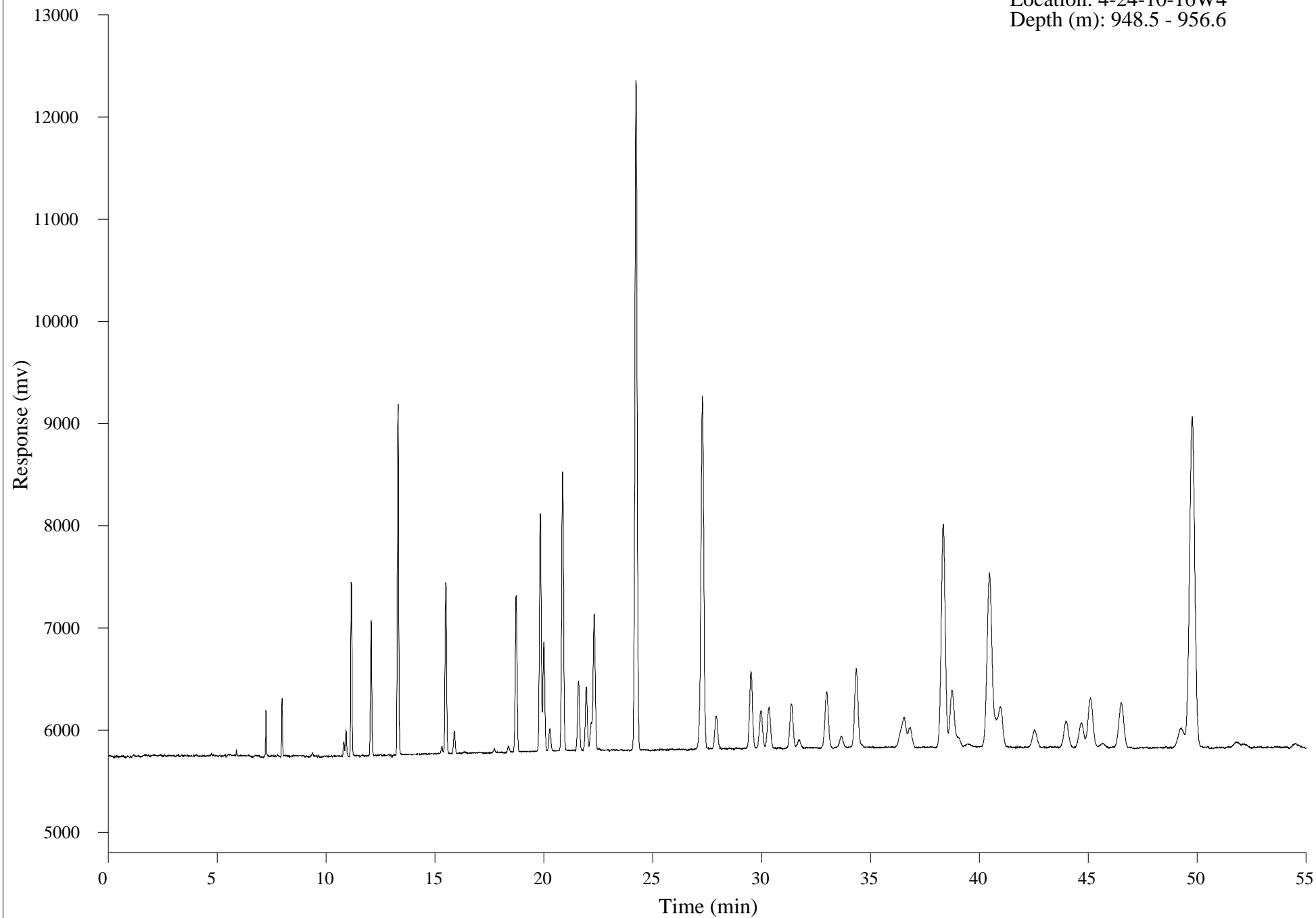
Instrument: HP 5890 GC

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

Time	Compound Name	Area	Height
7.25	iC5	1257.00	456.82
7.99	nC5	1524.00	564.76
9.38	22DMC4	129.00	33.52
10.82	CYC5	548.00	145.19
10.92	23DMC4	1024.00	252.45
11.17	2MC5	6624.00	1703.41
12.08	3MC5	5604.00	1333.45
13.31	nC6	14524.00	3430.77
15.32	22DMC5	322.00	66.60
15.50	MCYC5	8250.00	1672.96
15.90	24DMC5	1189.00	224.05
17.73	BEN	107.00	29.88
18.38	33DMC5	367.00	62.80
18.73	CYC6	8695.00	1532.93
19.84	2MC6	13554.00	2325.96
20.00	23DMC5	6306.00	1065.54
20.28	11DMCYC5	1314.00	214.37
20.86	3MC6	16951.00	2729.90
21.60	1c3DMCYC5	4417.00	681.75
21.95	1t3DMCYC5	4107.00	620.61
22.32	1t2DMCYC5	9508.00	1327.82
24.23	nC7	46933.00	6554.43
27.28	MCYC6	30867.00	3443.14
27.91	22DMC6	2928.00	317.93
29.51	ECYC5	7085.00	755.59
29.98	25DMC6	3719.00	367.57
30.34	24DMC6	4101.00	402.45
31.37	223TMC5	4659.00	442.65
33.67	234TMC5	967.00	97.73
34.35	TOL	8020.00	754.74
38.34	2MC7	27323.00	2155.09
40.96	3MC7	6152.00	386.28
49.25	1c4DMCYC6	2970.00	173.38
49.76	nC8	54515.00	3224.17

Gasoline Gas Chromatogram

Lab Id: L02513
GSC No: C-558702
Location: 4-24-10-16W4
Depth (m): 948.5 - 956.6



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Sample ID: L02513

GSC Catalog No: C-558702

Acquisition Date: 1998-05-25

Location: 4-24-10-16W4

UWI: 100042401016W400

Upper Depth (m): 948.5

Lower Depth (m): 956.6

Fraction: saturate

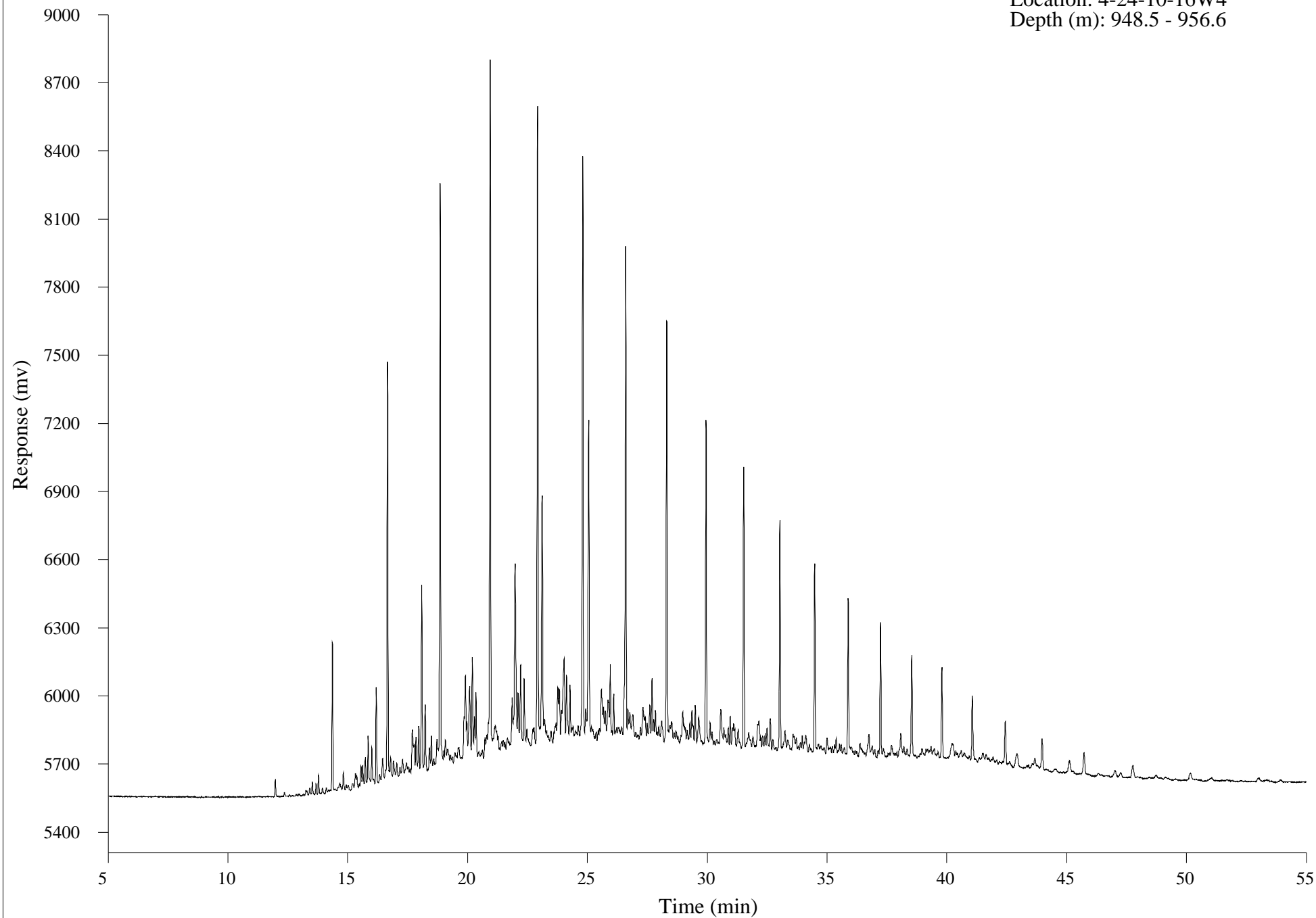
Instrument: Varian 3800 GC

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

Time	Compound Name	Area	Height
11.98	C12	188.72	78.62
14.36	C13	1550.86	655.85
16.66	C14	4917.76	1838.19
18.86	C15	6912.90	2562.07
20.95	C16	8226.72	3002.22
22.92	C17	7825.27	2810.30
23.11	Pr	3532.96	1061.16
24.81	C18	7114.36	2551.19
25.06	Ph	4523.92	1379.33
26.60	C19	6238.49	2141.66
28.31	C20	5166.40	1857.63
29.95	C21	3955.85	1422.36
31.53	C22	3388.05	1244.61
33.04	C23	2853.63	1014.88
34.49	C24	2318.97	831.02
35.88	C25	1847.88	677.17
37.23	C26	1653.11	585.62
38.54	C27	1363.34	446.88
39.80	C28	1152.57	398.96
41.07	C29	932.19	281.31
42.44	C30	628.26	183.48
43.98	C31	544.40	134.14
45.73	C32	424.24	93.99

Saturated Hydrocarbons Gas Chromatogram

Lab Id: L02513
GSC No: C-558702
Location: 4-24-10-16W4
Depth (m): 948.5 - 956.6



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: L02513

GSC Catalog No: C-558702

Acquisition Date: 1998-06-11

Location: 4-24-10-16W4

UWI: 100042401016W400

Upper Depth (m): 948.5

Lower Depth (m): 956.6

Fraction: saturate

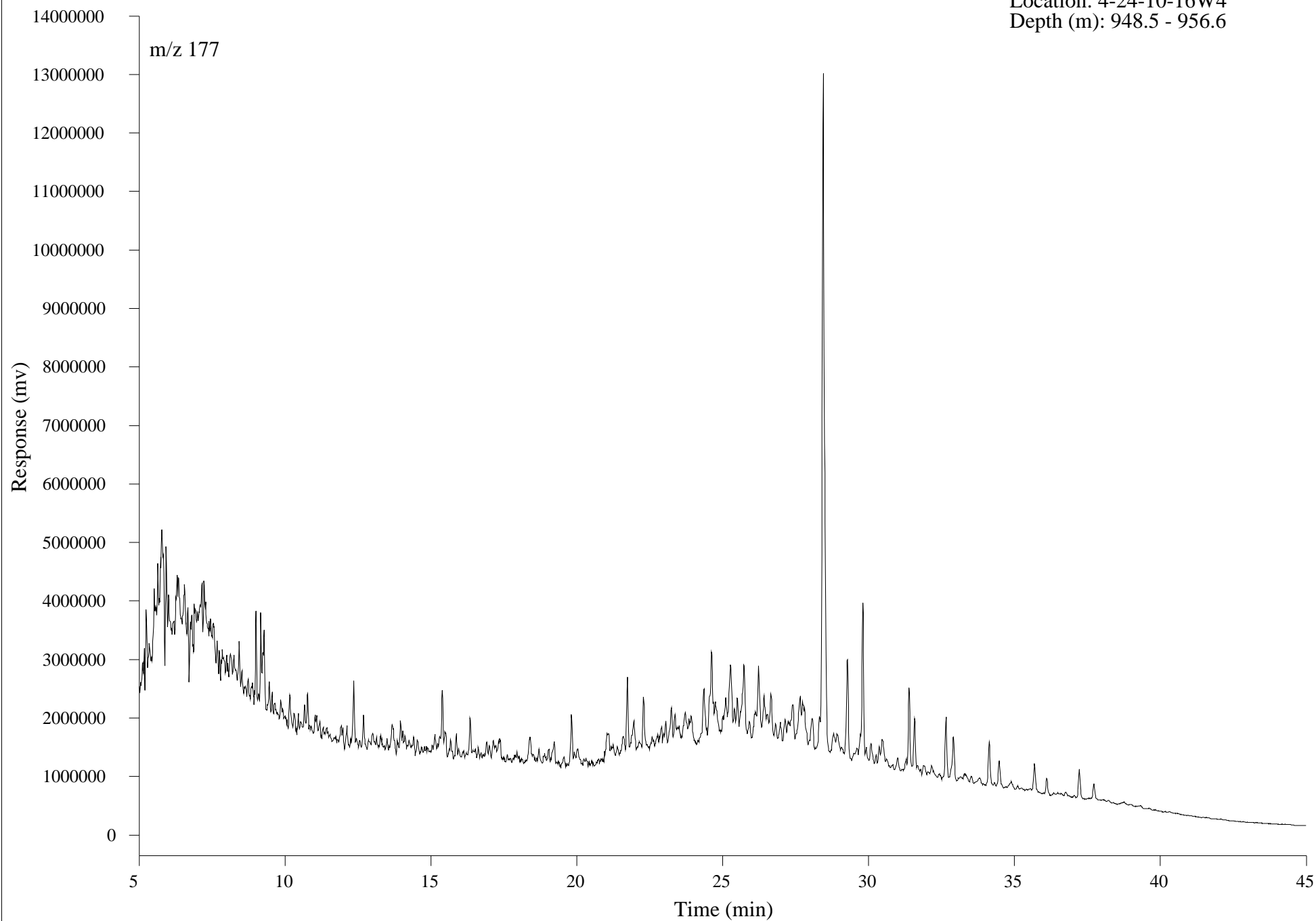
Instrument: HP 5890 GC/VG70SQ MS

MS Mode: Selected Ion Monitoring + EI

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

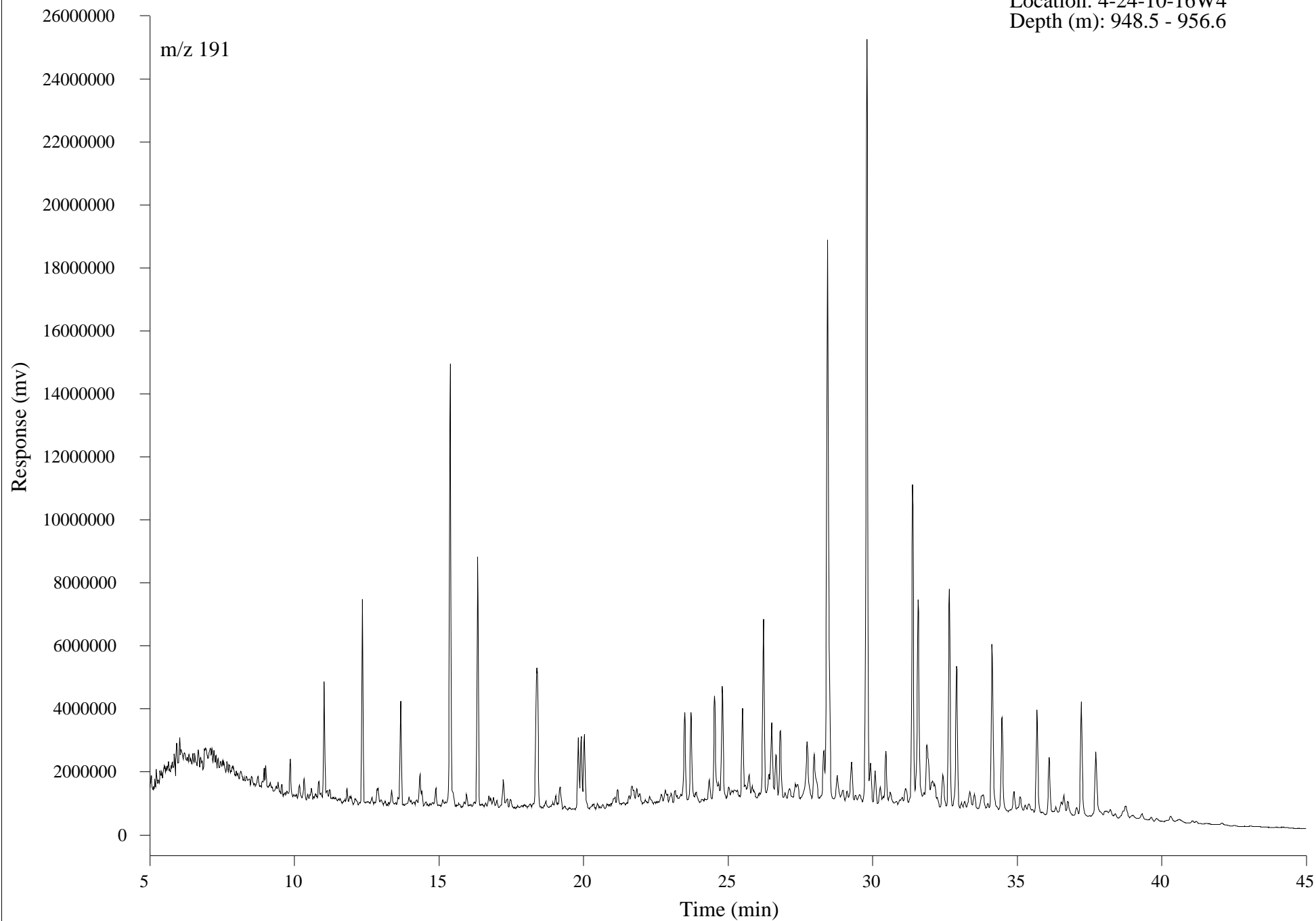
Saturated Hydrocarbons Mass Chromatogram

Lab Id: L02513
GSC No: C-558702
Location: 4-24-10-16W4
Depth (m): 948.5 - 956.6



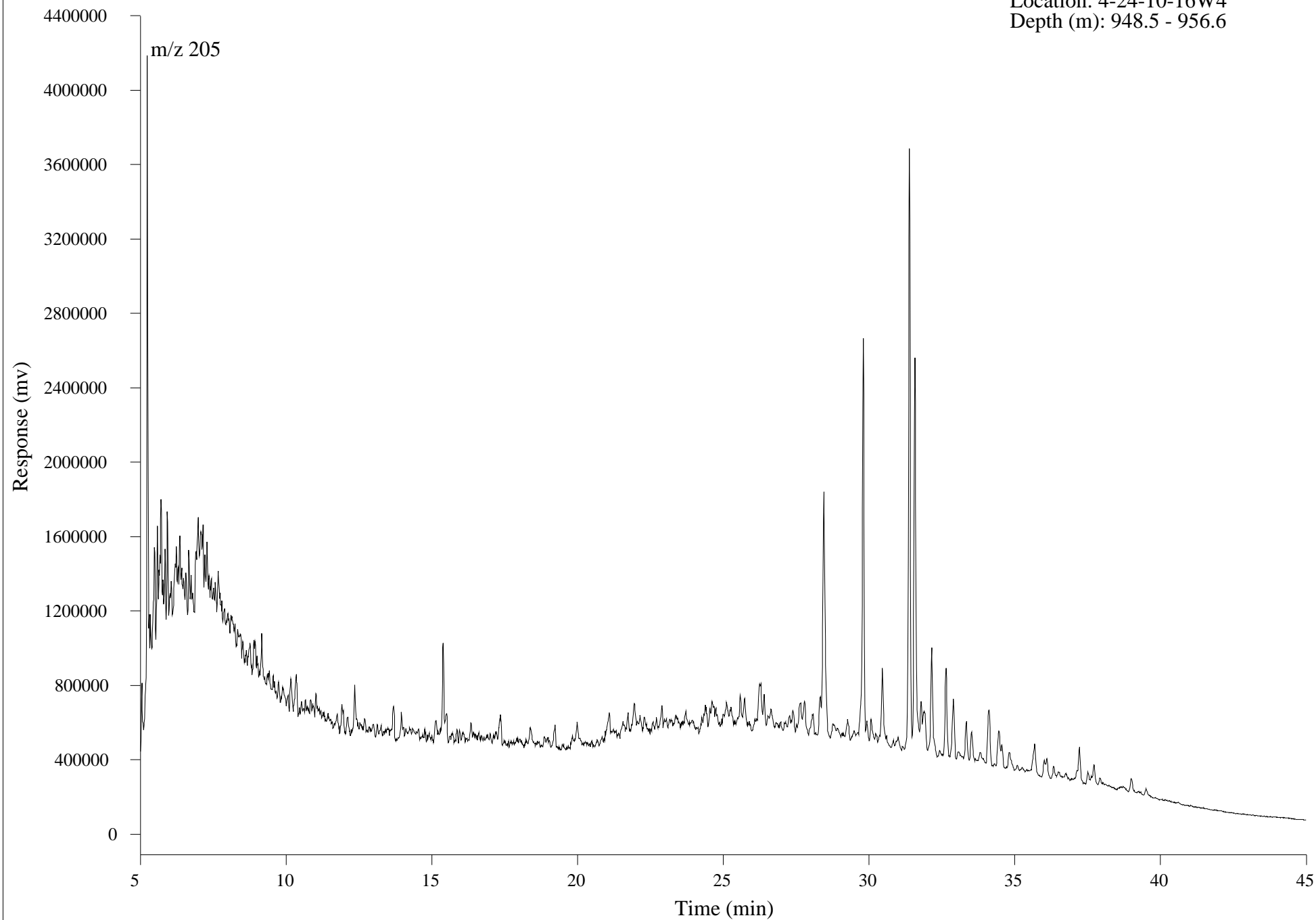
Saturated Hydrocarbons Mass Chromatogram

Lab Id: L02513
GSC No: C-558702
Location: 4-24-10-16W4
Depth (m): 948.5 - 956.6



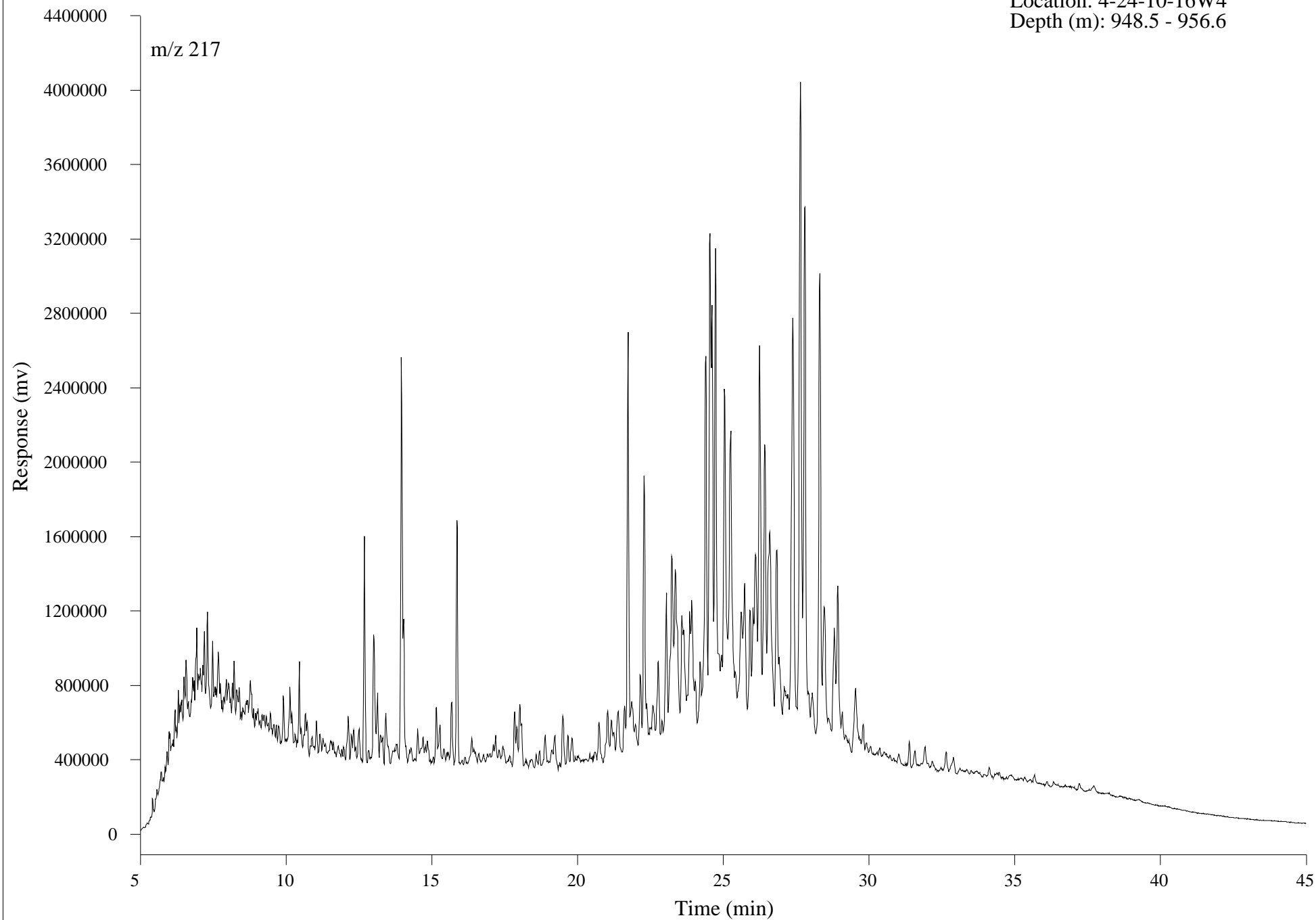
Saturated Hydrocarbons Mass Chromatogram

Lab Id: L02513
GSC No: C-558702
Location: 4-24-10-16W4
Depth (m): 948.5 - 956.6



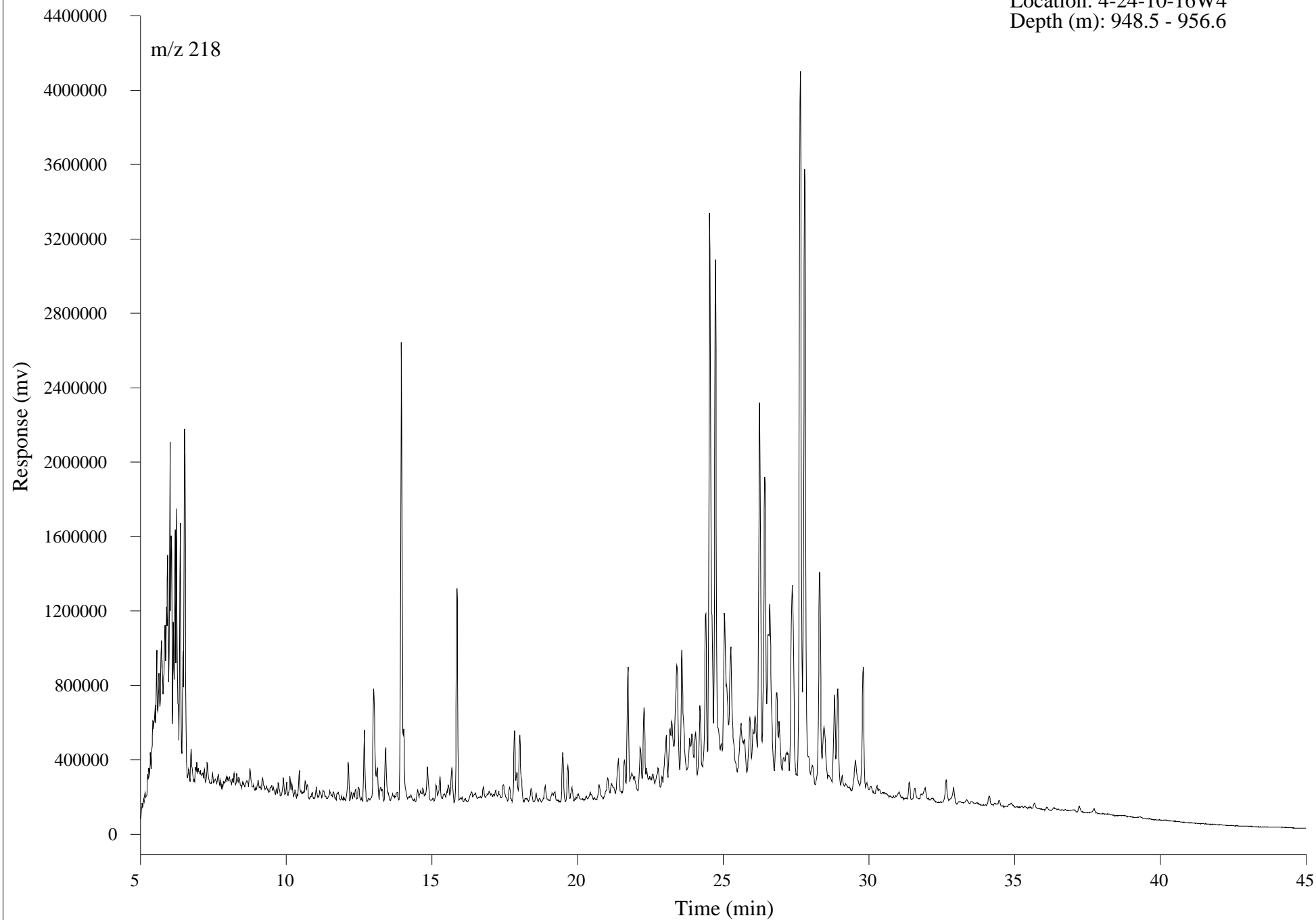
Saturated Hydrocarbons Mass Chromatogram

Lab Id: L02513
GSC No: C-558702
Location: 4-24-10-16W4
Depth (m): 948.5 - 956.6



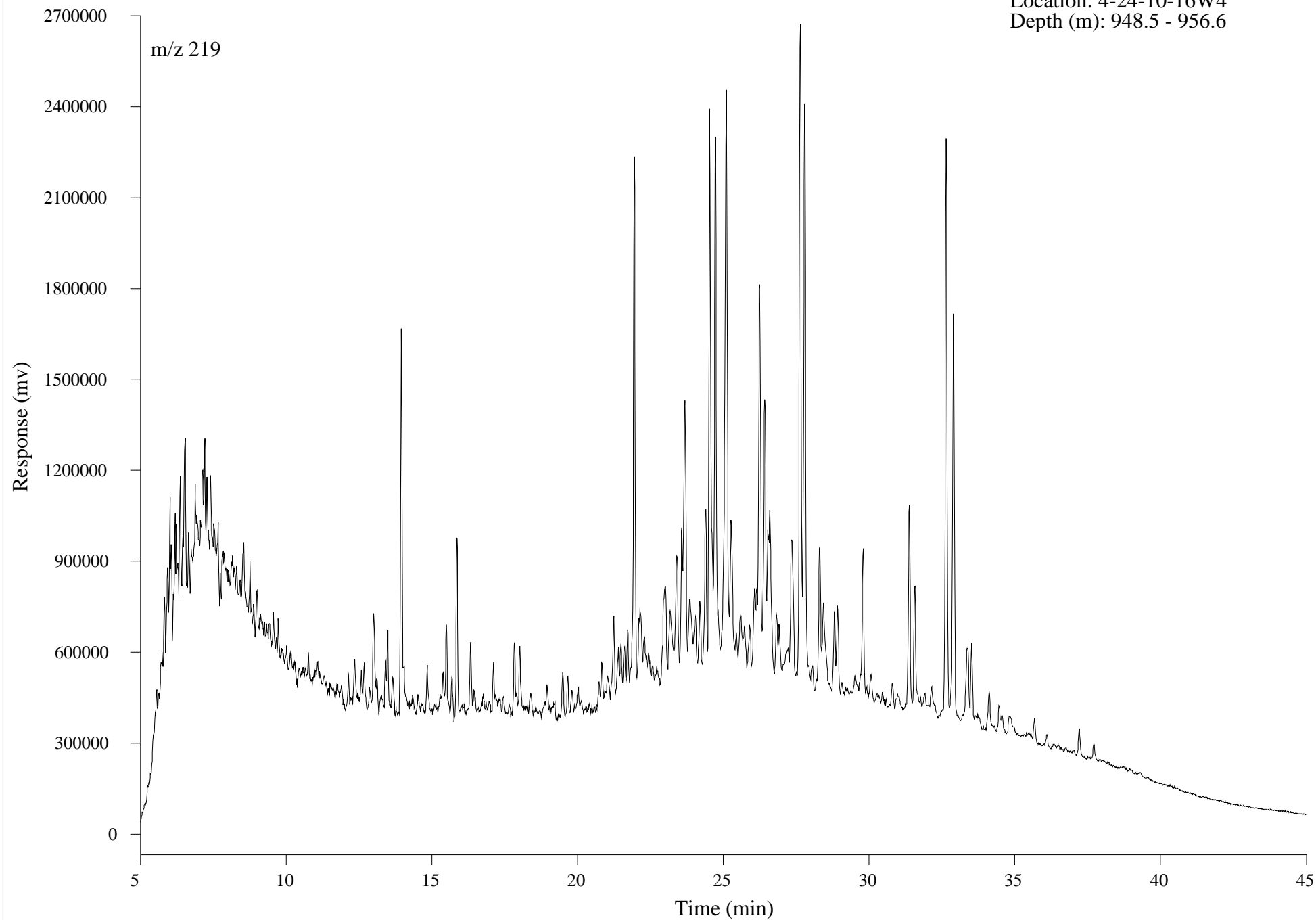
Saturated Hydrocarbons Mass Chromatogram

Lab Id: L02513
GSC No: C-558702
Location: 4-24-10-16W4
Depth (m): 948.5 - 956.6



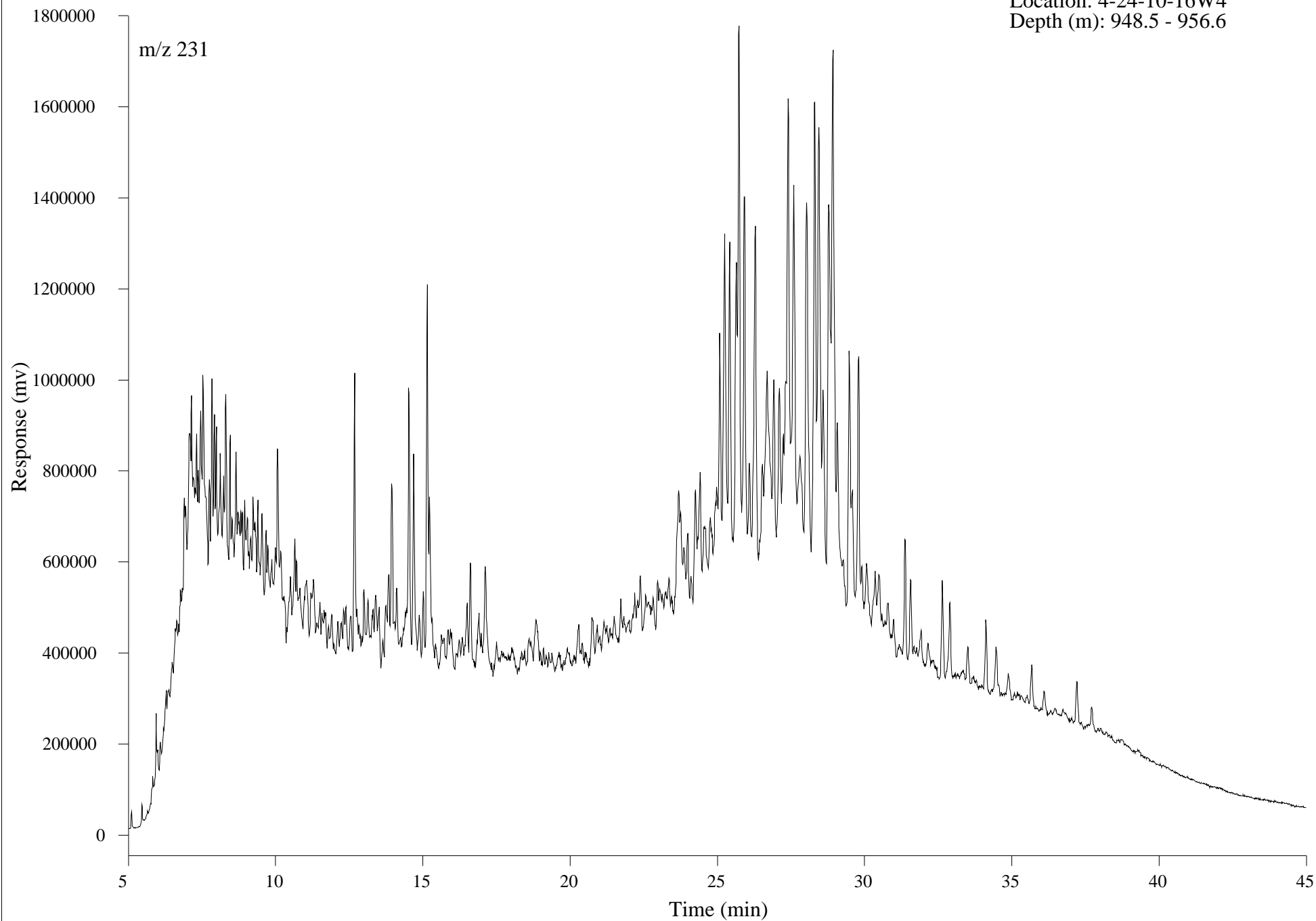
Saturated Hydrocarbons Mass Chromatogram

Lab Id: L02513
GSC No: C-558702
Location: 4-24-10-16W4
Depth (m): 948.5 - 956.6



Saturated Hydrocarbons Mass Chromatogram

Lab Id: L02513
GSC No: C-558702
Location: 4-24-10-16W4
Depth (m): 948.5 - 956.6



Saturated Hydrocarbons Mass Chromatogram

Lab Id: L02513
GSC No: C-558702
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