

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: L02509

GSC Catalog No: C-558698

Acquisition Date: 1998-01-21

Location: 3-27-18-22W4

UWI: 100032701822W400

Upper Depth (m): 1451.0

Lower Depth (m): 1454.6

Fraction: gasoline

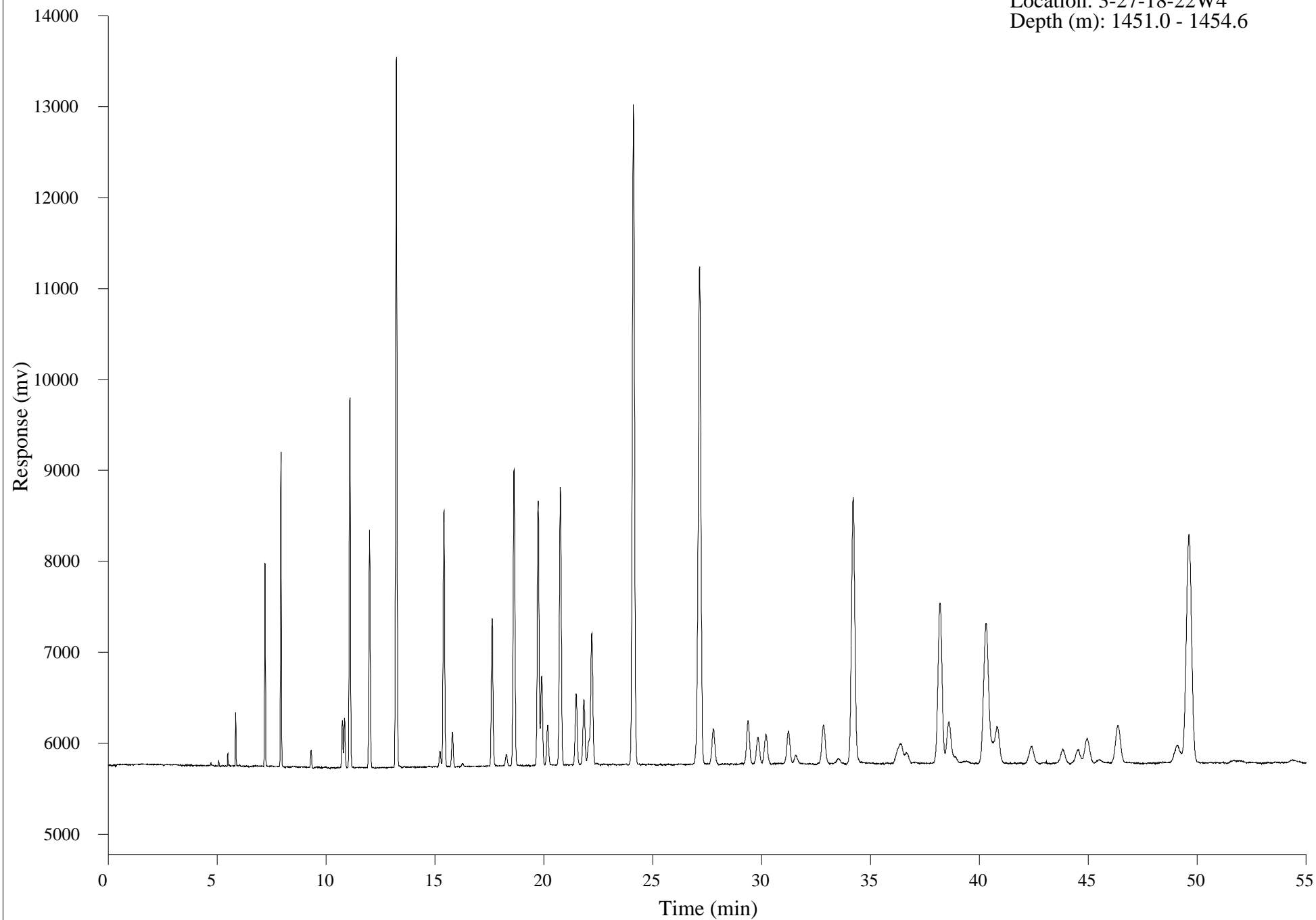
Instrument: HP 5890 GC

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

Time	Compound Name	Area	Height
7.20	iC5	5830.00	2253.74
7.94	nC5	9384.00	3470.86
9.32	22DMC4	692.00	192.25
10.76	CYC5	1978.00	526.21
10.86	23DMC4	2238.00	553.91
11.10	2MC5	15719.00	4077.48
12.00	3MC5	10815.00	2613.63
13.23	nC6	32974.00	7823.15
15.24	22DMC5	913.00	174.44
15.42	MCYC5	13923.00	2819.75
15.81	24DMC5	2003.00	383.51
16.27	223TMC4	200.00	33.51
17.63	BEN	8465.00	1628.07
18.29	33DMC5	755.00	126.76
18.63	CYC6	18447.00	3249.74
19.74	2MC6	17033.00	2914.57
19.90	23DMC5	5818.00	984.46
20.18	11DMCYC5	2696.00	438.27
20.76	3MC6	18855.00	3058.59
21.49	1c3DMCYC5	5035.00	781.74
21.84	1t3DMCYC5	4316.00	687.70
22.20	1t2DMCYC5	10107.00	1444.00
24.12	nC7	51948.00	7261.38
27.15	MCYC6	48379.00	5464.15
27.79	22DMC6	3632.00	388.72
29.38	ECYC5	4323.00	472.98
29.84	25DMC6	2881.00	290.69
30.20	24DMC6	3173.00	322.73
31.23	223TMC5	3427.00	348.77
33.52	234TMC5	640.00	56.23
34.20	TOL	31869.00	2922.34
38.19	2MC7	21873.00	1733.40
40.81	3MC7	5353.00	392.17
49.10	1c4DMCYC6	2878.00	176.09
49.61	nC8	42457.00	2499.68

Gasoline Gas Chromatogram

Lab Id: L02509
GSC No: C-558698
Location: 3-27-18-22W4
Depth (m): 1451.0 - 1454.6



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Sample ID: L02509

GSC Catalog No: C-558698

Acquisition Date: 1998-05-14

Location: 3-27-18-22W4

UWI: 100032701822W400

Upper Depth (m): 1451.0

Lower Depth (m): 1454.6

Fraction: saturate

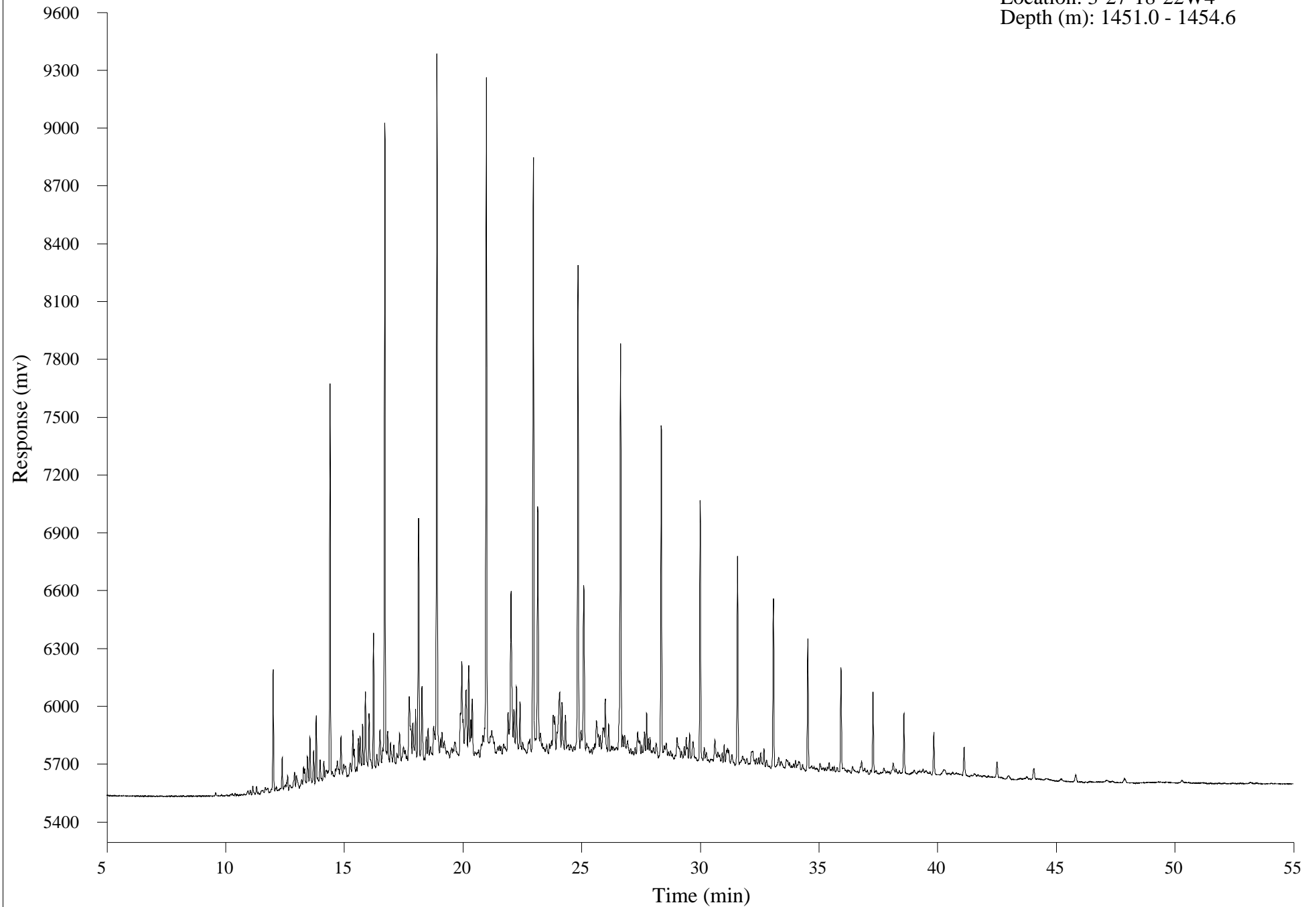
Instrument: Varian 3800 GC

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

Time	Compound Name	Area	Height
12.00	C12	1580.86	633.95
14.40	C13	5018.34	2041.76
16.71	C14	8964.24	3351.19
18.90	C15	9996.51	3640.79
20.99	C16	9806.06	3495.04
22.96	C17	8391.69	3069.90
23.15	Pr	4029.25	1248.89
24.85	C18	7009.16	2530.81
25.09	Ph	2916.80	867.58
26.64	C19	6104.41	2112.18
28.35	C20	4827.38	1721.39
30.00	C21	3700.96	1363.58
31.57	C22	3012.30	1085.48
33.08	C23	2417.04	875.51
34.53	C24	1854.79	683.72
35.93	C25	1485.45	532.48
37.28	C26	1153.62	419.38
38.58	C27	905.94	312.16
39.84	C28	663.07	220.59
41.11	C29	504.95	146.52
42.50	C30	295.98	82.76
44.05	C31	232.22	55.98
45.82	C32	169.97	35.62

Saturated Hydrocarbons Gas Chromatogram

Lab Id: L02509
GSC No: C-558698
Location: 3-27-18-22W4
Depth (m): 1451.0 - 1454.6



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: L02509

GSC Catalog No: C-558698

Acquisition Date: 1998-06-09

Location: 3-27-18-22W4

UWI: 100032701822W400

Upper Depth (m): 1451.0

Lower Depth (m): 1454.6

Fraction: saturate

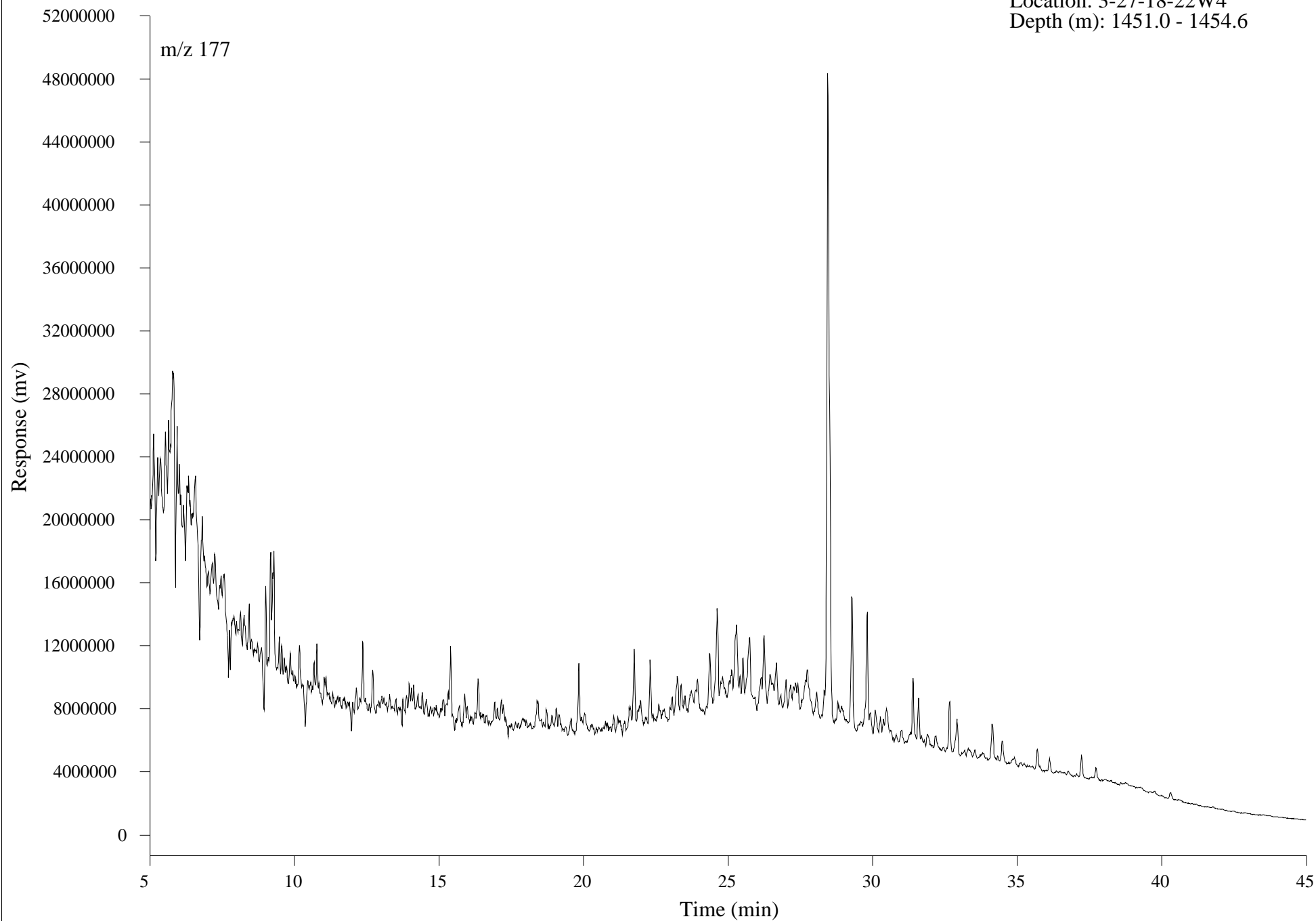
Instrument: HP 5890 GC/VG70SQ MS

MS Mode: Selected Ion Monitoring + EI

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

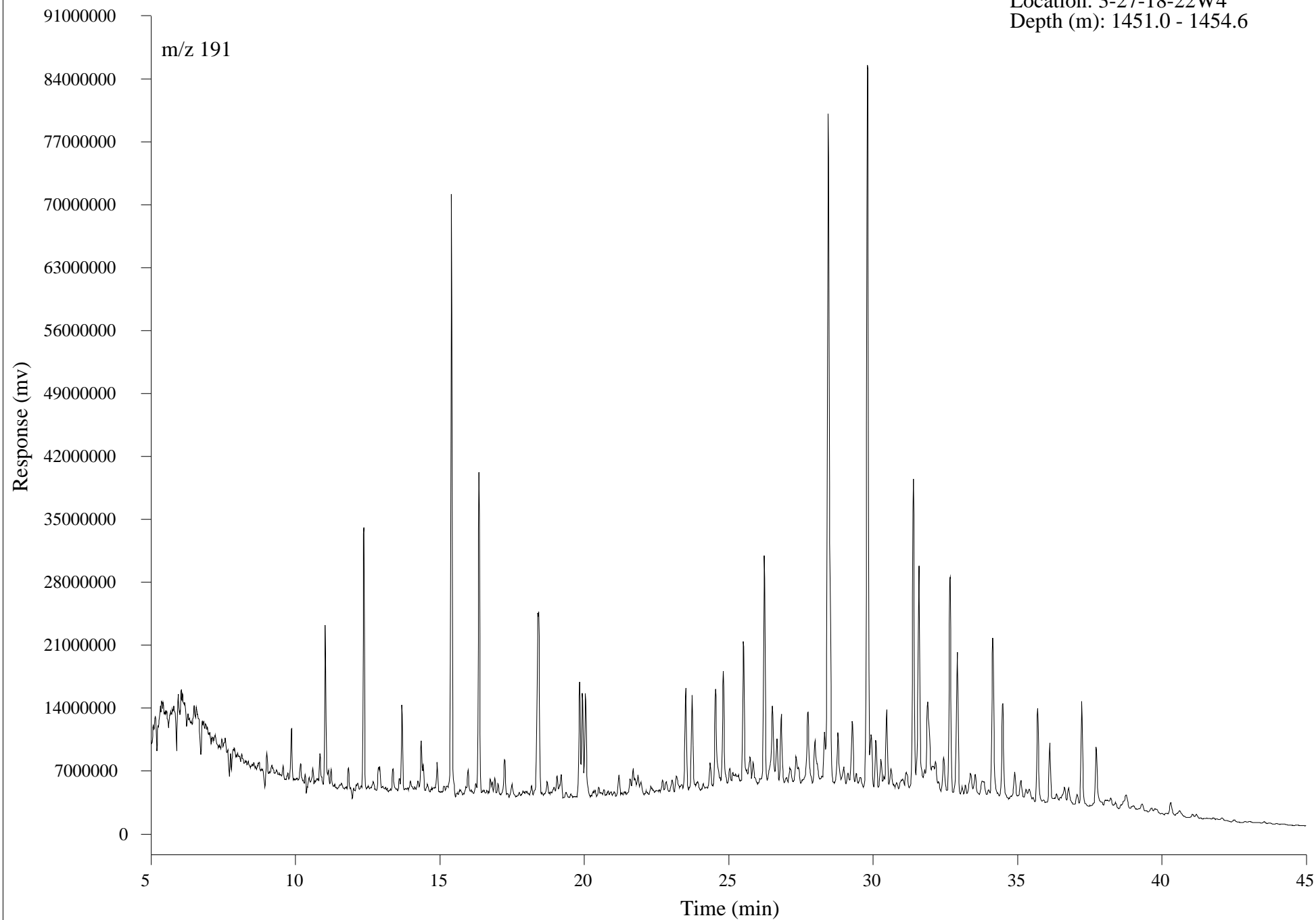
Saturated Hydrocarbons Mass Chromatogram

Lab Id: L02509
GSC No: C-558698
Location: 3-27-18-22W4
Depth (m): 1451.0 - 1454.6



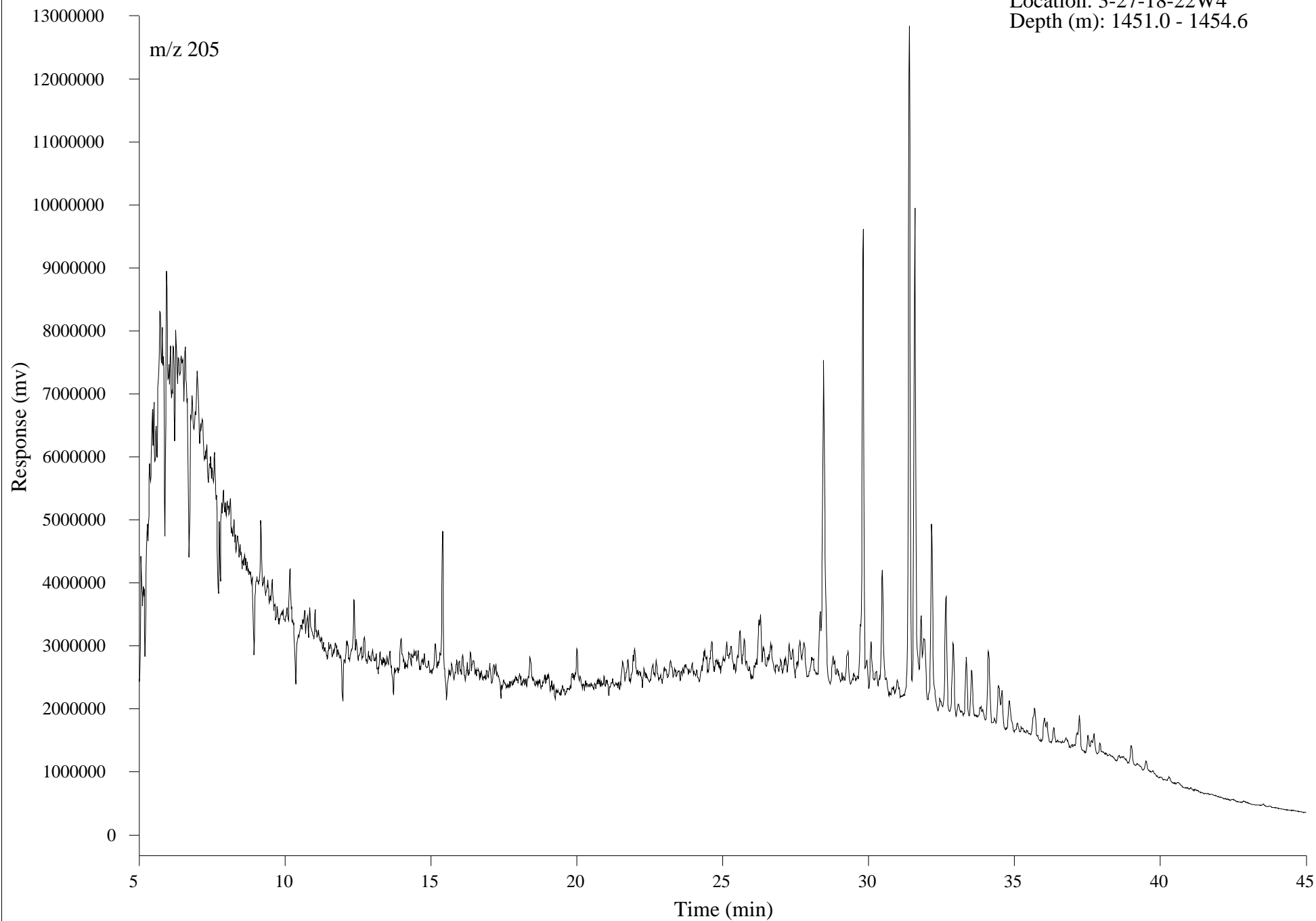
Saturated Hydrocarbons Mass Chromatogram

Lab Id: L02509
GSC No: C-558698
Location: 3-27-18-22W4
Depth (m): 1451.0 - 1454.6



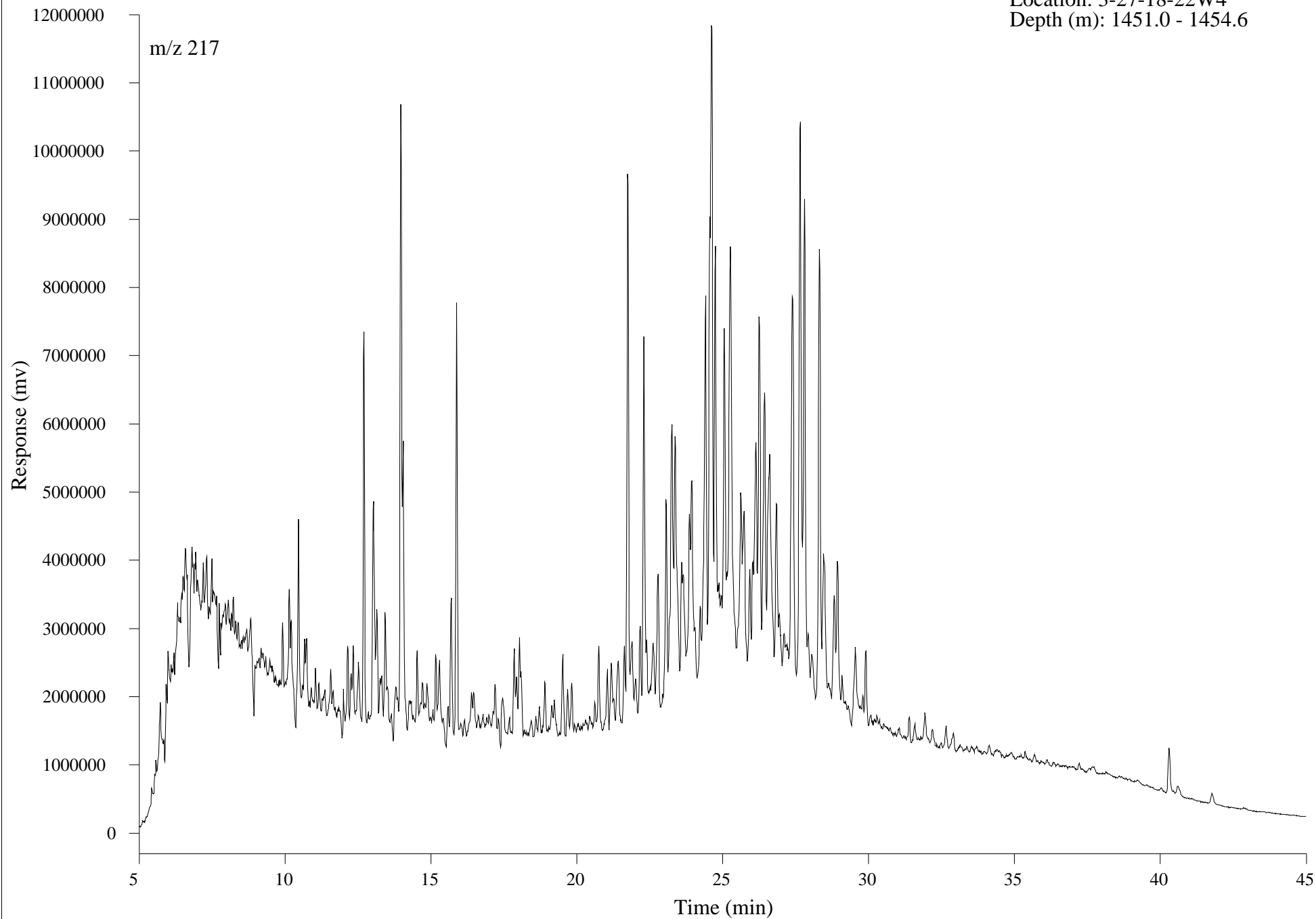
Saturated Hydrocarbons Mass Chromatogram

Lab Id: L02509
GSC No: C-558698
Location: 3-27-18-22W4
Depth (m): 1451.0 - 1454.6



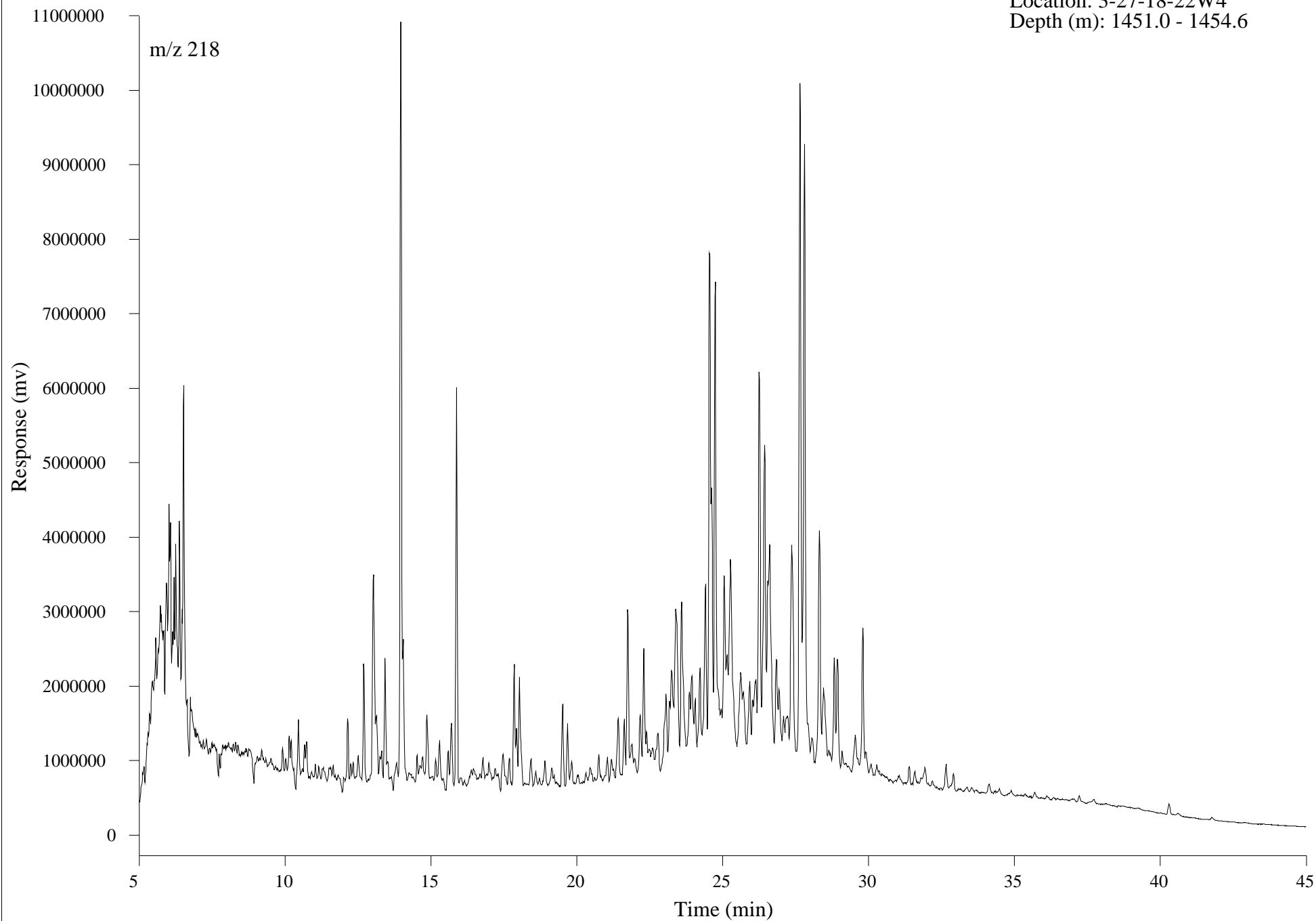
Saturated Hydrocarbons Mass Chromatogram

Lab Id: L02509
GSC No: C-558698
Location: 3-27-18-22W4
Depth (m): 1451.0 - 1454.6



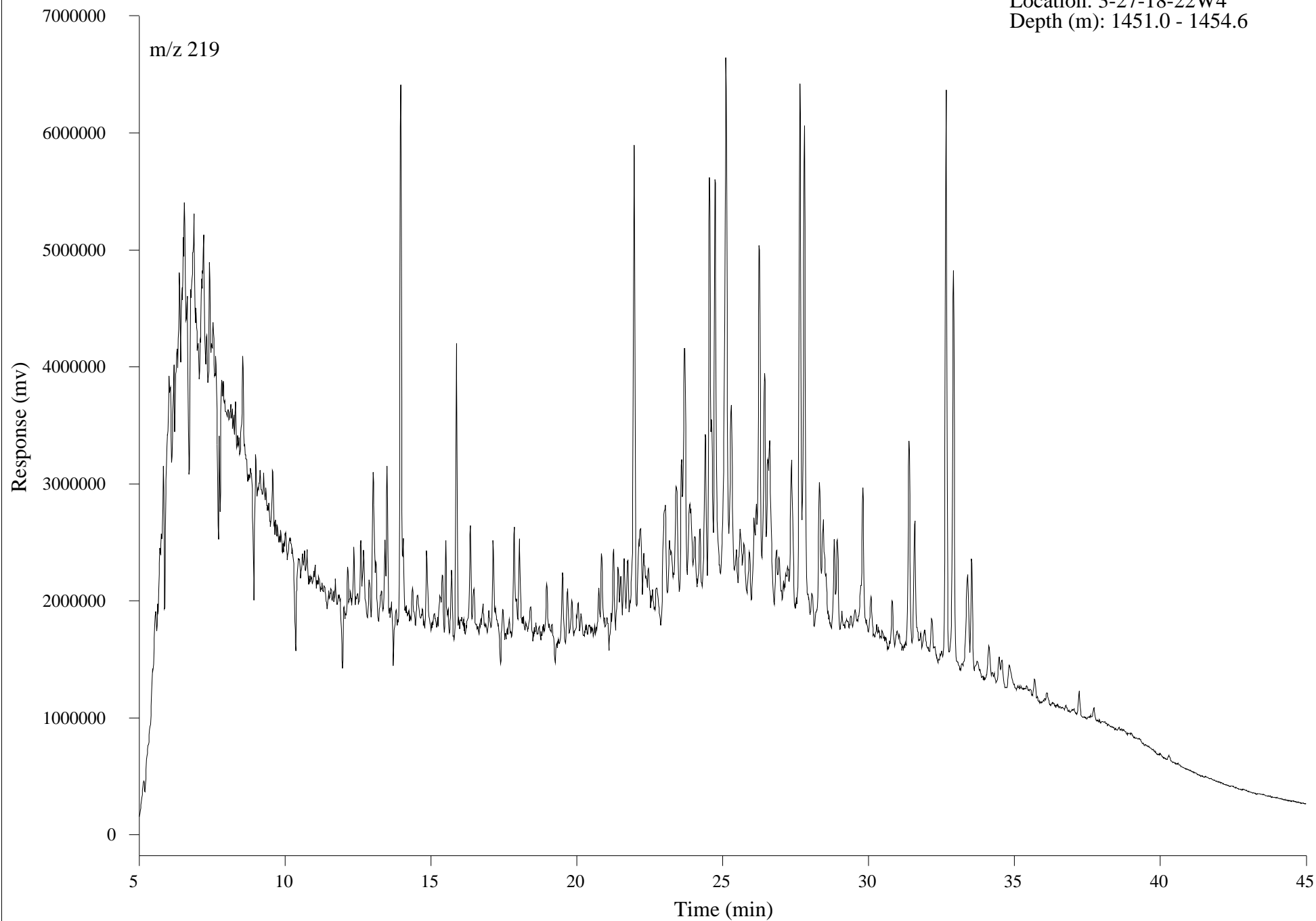
Saturated Hydrocarbons Mass Chromatogram

Lab Id: L02509
GSC No: C-558698
Location: 3-27-18-22W4
Depth (m): 1451.0 - 1454.6



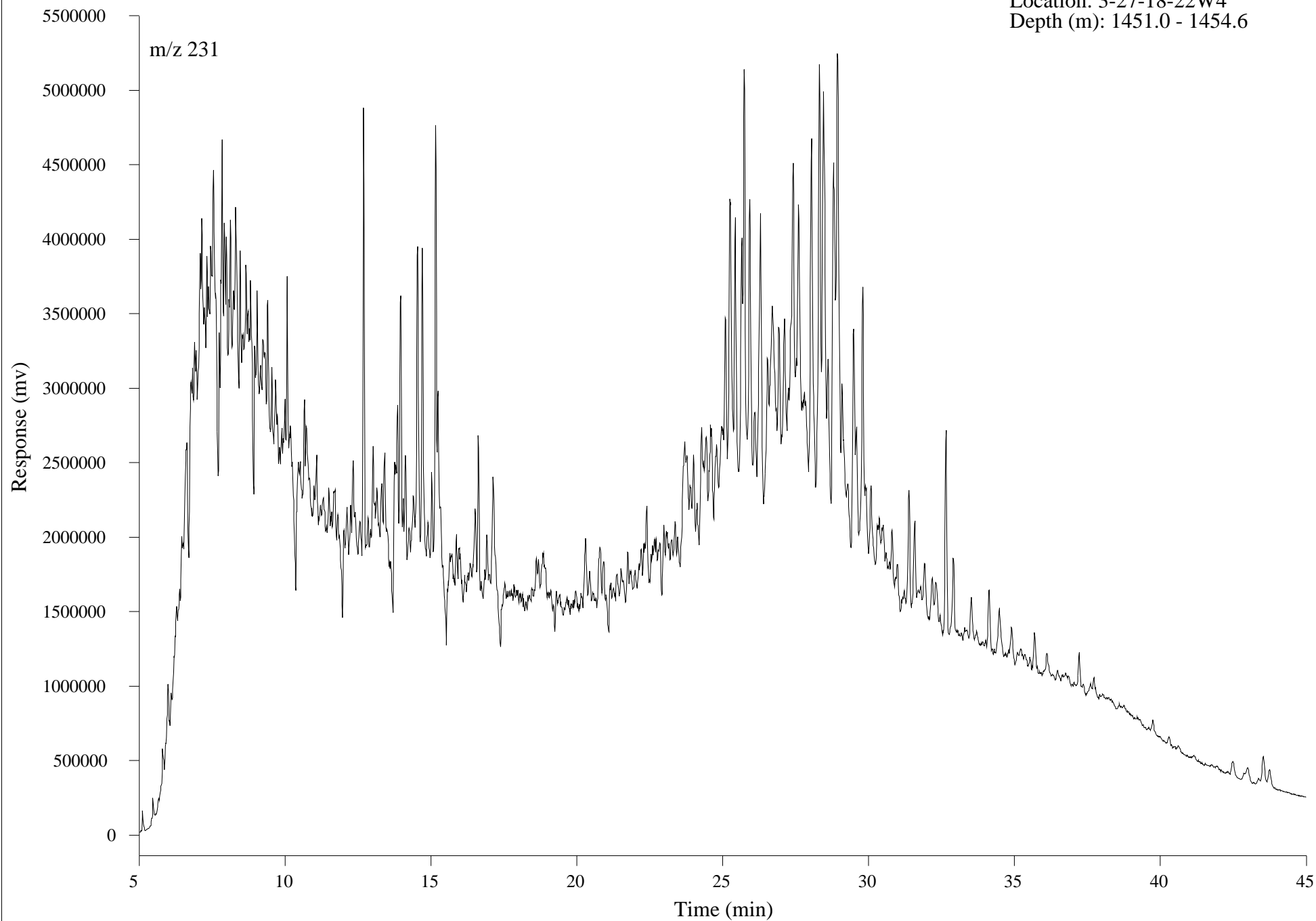
Saturated Hydrocarbons Mass Chromatogram

Lab Id: L02509
GSC No: C-558698
Location: 3-27-18-22W4
Depth (m): 1451.0 - 1454.6



Saturated Hydrocarbons Mass Chromatogram

Lab Id: L02509
GSC No: C-558698
Location: 3-27-18-22W4
Depth (m): 1451.0 - 1454.6



Saturated Hydrocarbons Mass Chromatogram

Lab Id: L02509
GSC No: C-558698
Location: 3-27-18-22W4
Depth (m): 1451.0 - 1454.6

