

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/>

Copyright of Her Majesty the Queen in Right of Canada, 1994.

Sample ID: L01337

GSC Catalog No: C-558234

Acquisition Date: 1994-09-08

Location: 10-31-16-14W4

UWI: 102103101614W400

Upper Depth (m): 1148.3

Lower Depth (m): 1149.5

Fraction: gasoline

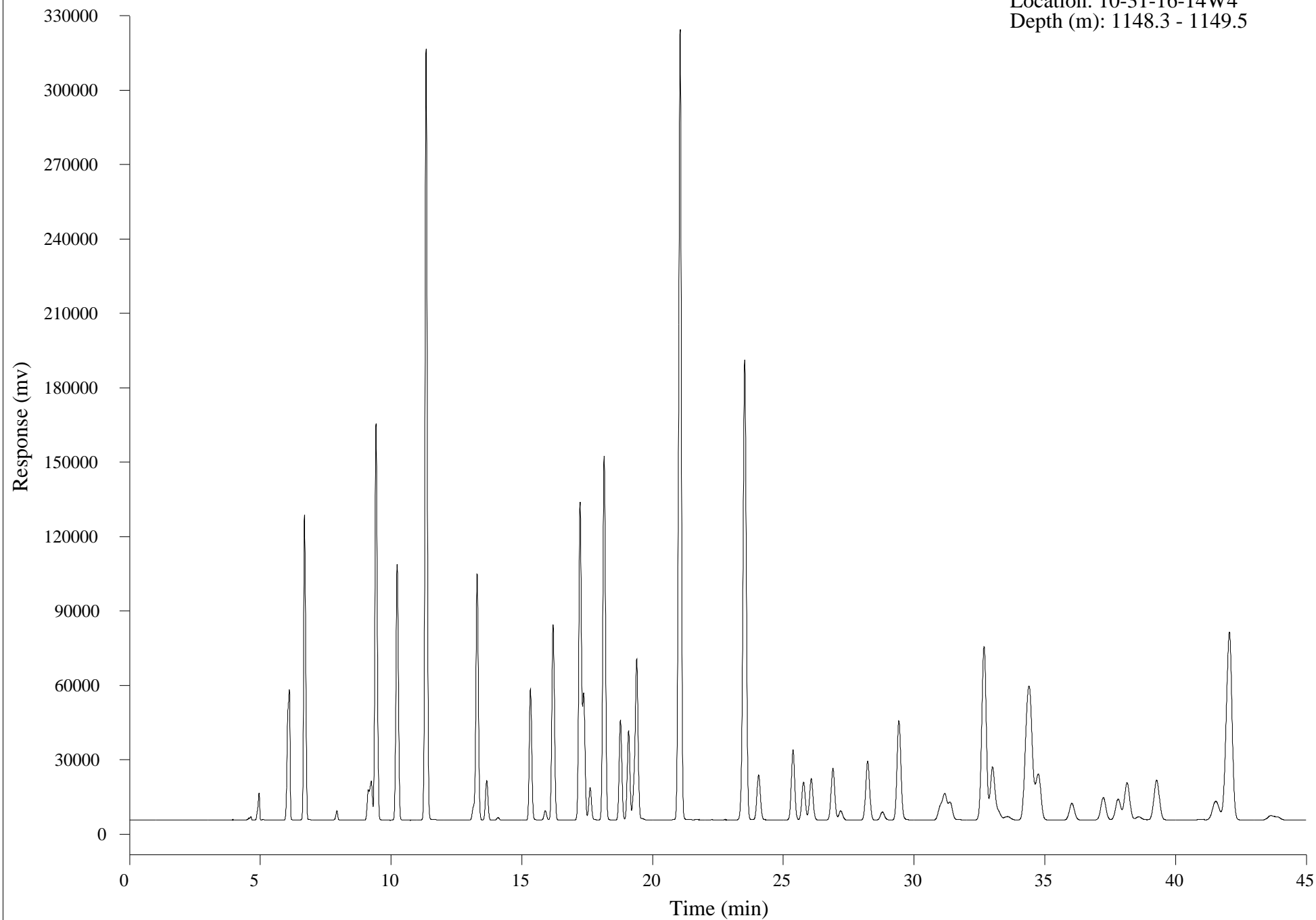
Instrument: HP 5890 GC

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

Time	Compound Name	Area	Height
6.11	iC5	374785.18	52607.75
6.69	nC5	648157.53	123288.23
7.93	22DMC4	19040.80	3724.10
9.13	CYC5	60232.56	12287.24
9.24	23DMC4	111594.87	15784.03
9.43	2MC5	996337.96	159790.69
10.23	3MC5	675265.84	103412.69
11.34	nC6	1865570.99	310918.67
13.29	MCYC5	678368.45	99211.79
13.66	24DMC5	105707.47	15994.03
14.09	223TMC4	6970.00	1050.01
15.33	BEN	341693.07	52903.09
15.90	33DMC5	25737.71	3740.96
16.20	CYC6	548034.87	78684.60
17.23	2MC6	916746.79	128284.01
17.37	23DMC5	305785.92	51267.36
17.62	11DMCYC5	91926.34	12845.11
18.15	3MC6	1025265.84	146924.30
18.78	1c3DMCYC5	284901.33	40381.59
19.09	1t3DMCYC5	256304.04	36016.20
19.40	1t2DMCYC5	552361.61	64844.65
21.06	nC7	2284293.47	318455.09
22.77	3EC5	118.81	25.90
23.53	MCYC6	1619480.67	185555.62
24.06	22DMC6	166210.92	18079.55
25.38	ECYC5	252683.74	28183.76
25.78	25DMC6	141663.72	15244.10
26.07	24DMC6	157504.13	16618.12
26.90	223TMC5	208326.74	20754.96
28.80	234TMC5	35760.28	3246.83
29.42	TOL	415848.79	39947.88
32.68	2MC7	842666.94	69976.84
34.76	3MC7	250754.26	18567.46
41.54	1c4DMCYC6	130771.47	7500.94
42.06	nC8	1176806.71	75836.16

Gasoline Gas Chromatogram

Lab Id: L01337
GSC No: C-558234
Location: 10-31-16-14W4
Depth (m): 1148.3 - 1149.5



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/>
Copyright of Her Majesty the Queen in Right of Canada, 1994.

Sample ID: L01337

GSC Catalog No: C-558234

Acquisition Date: 1994-07-06

Location: 10-31-16-14W4

UWI: 102103101614W400

Upper Depth (m): 1148.3

Lower Depth (m): 1149.5

Fraction: saturate

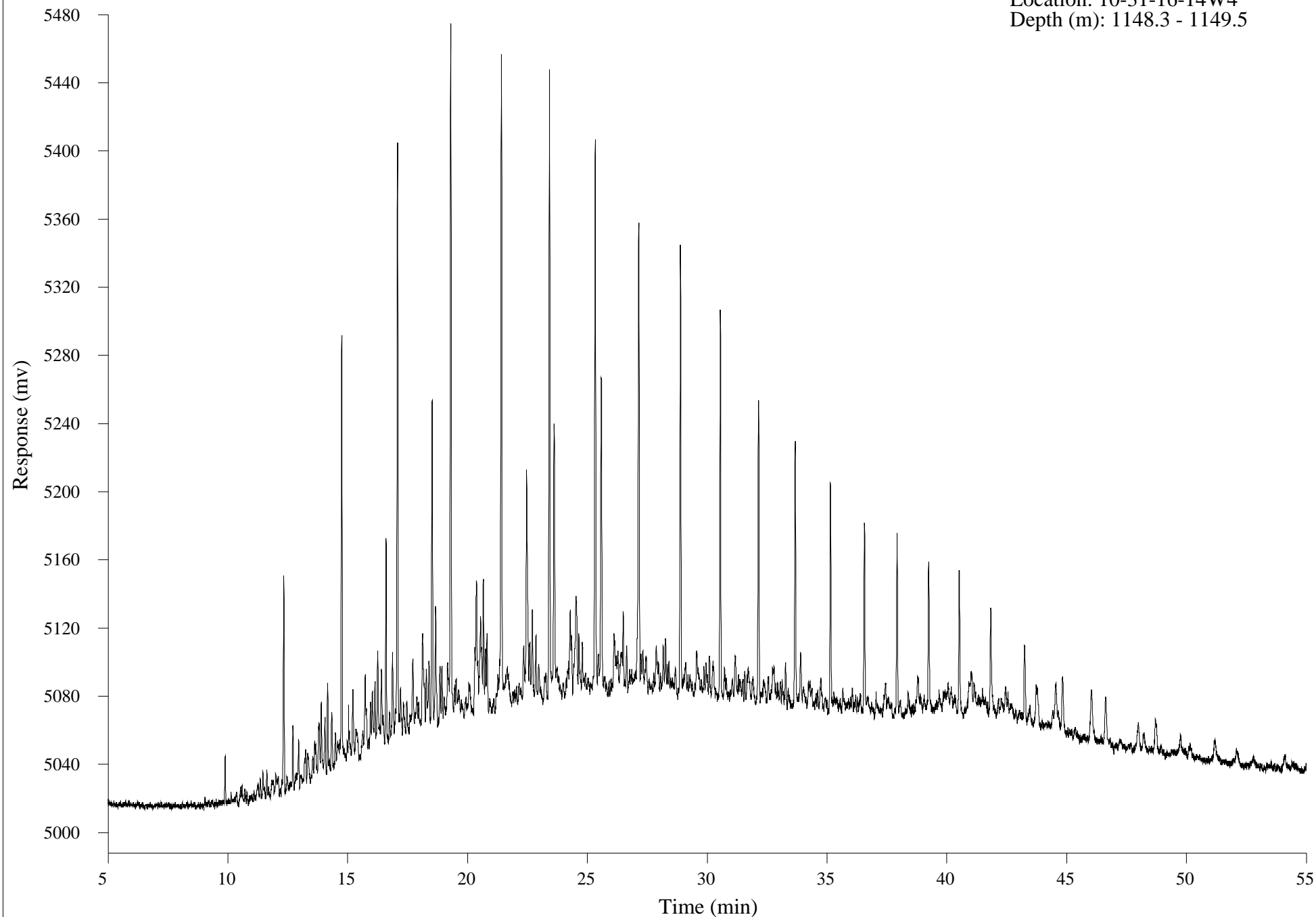
Instrument: Varian 3800 GC

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

Time	Compound Name	Area	Height
9.89	C11	62.71	27.74
12.33	C12	315.33	127.37
14.75	C13	597.96	244.77
17.08	C14	920.47	338.40
19.30	C15	1149.27	403.14
21.42	C16	1060.91	371.87
23.42	C17	1055.98	370.16
23.62	Pr	508.23	152.58
25.33	C18	933.39	318.84
25.58	Ph	601.41	179.63
27.15	C19	857.19	268.57
28.89	C20	734.17	260.88
30.55	C21	594.06	225.81
32.15	C22	542.75	177.25
33.68	C23	474.80	154.45
35.15	C24	382.84	133.40
36.57	C25	330.48	111.01
37.93	C26	310.53	104.94
39.25	C27	252.33	85.48
40.52	C28	262.83	84.01
41.84	C29	239.42	60.65
43.26	C30	177.02	45.28
44.83	C31	161.72	32.57
46.63	C32	120.01	25.38

Saturated Hydrocarbons Gas Chromatogram

Lab Id: L01337
GSC No: C-558234
Location: 10-31-16-14W4
Depth (m): 1148.3 - 1149.5



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

For data reference, general terms and conditions go to <http://open.canada.ca/en/open-government-licence-canada/>

Copyright of Her Majesty the Queen in Right of Canada, 1994.

Sample ID: L01337

GSC Catalog No: C-558234

Acquisition Date: 1994-07-06

Location: 10-31-16-14W4

UWI: 102103101614W400

Upper Depth (m): 1148.3

Lower Depth (m): 1149.5

Fraction: saturate

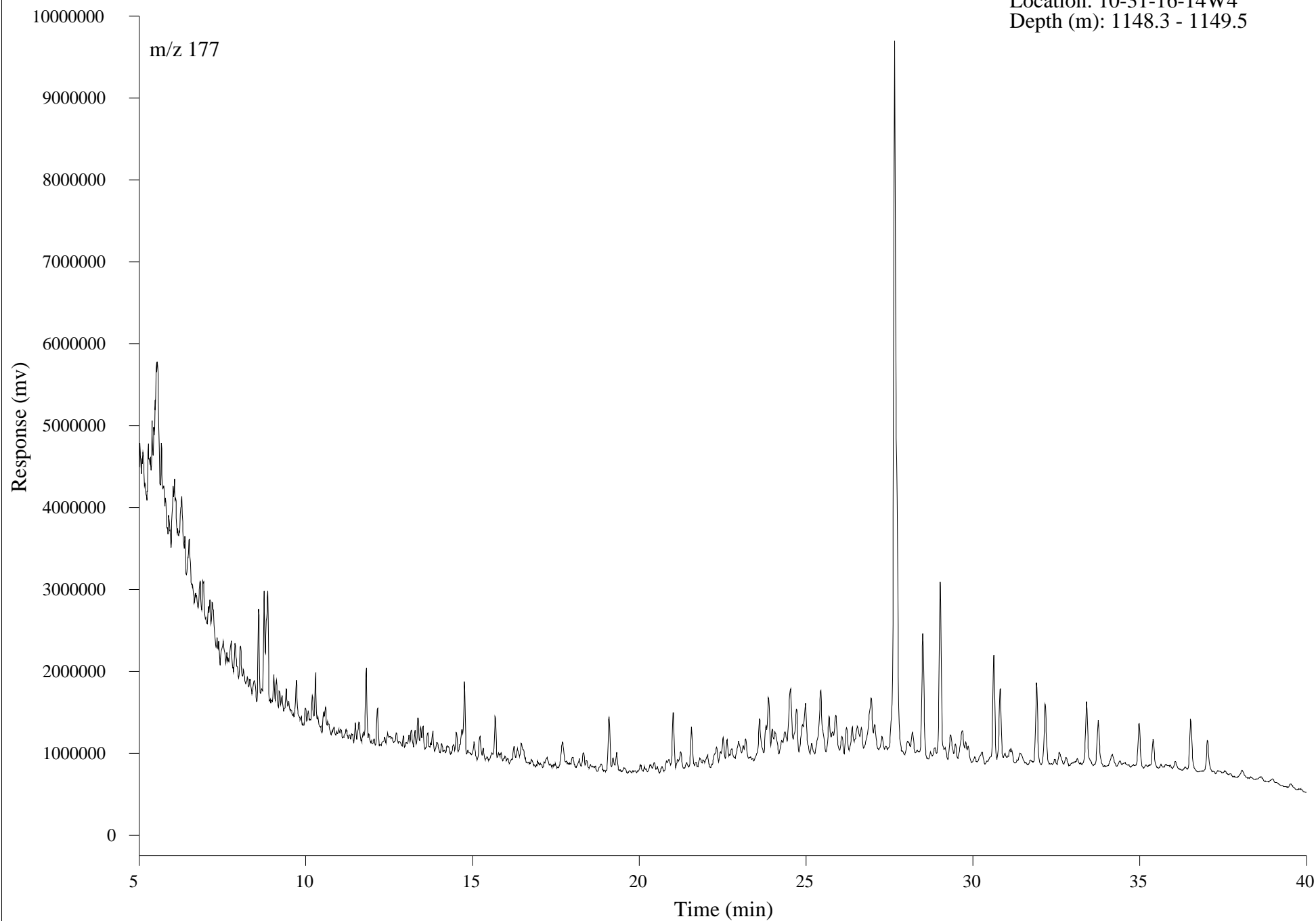
Instrument: HP 5890 GC/VG70SQ MS

MS Mode: Selected Ion Monitoring + EI

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

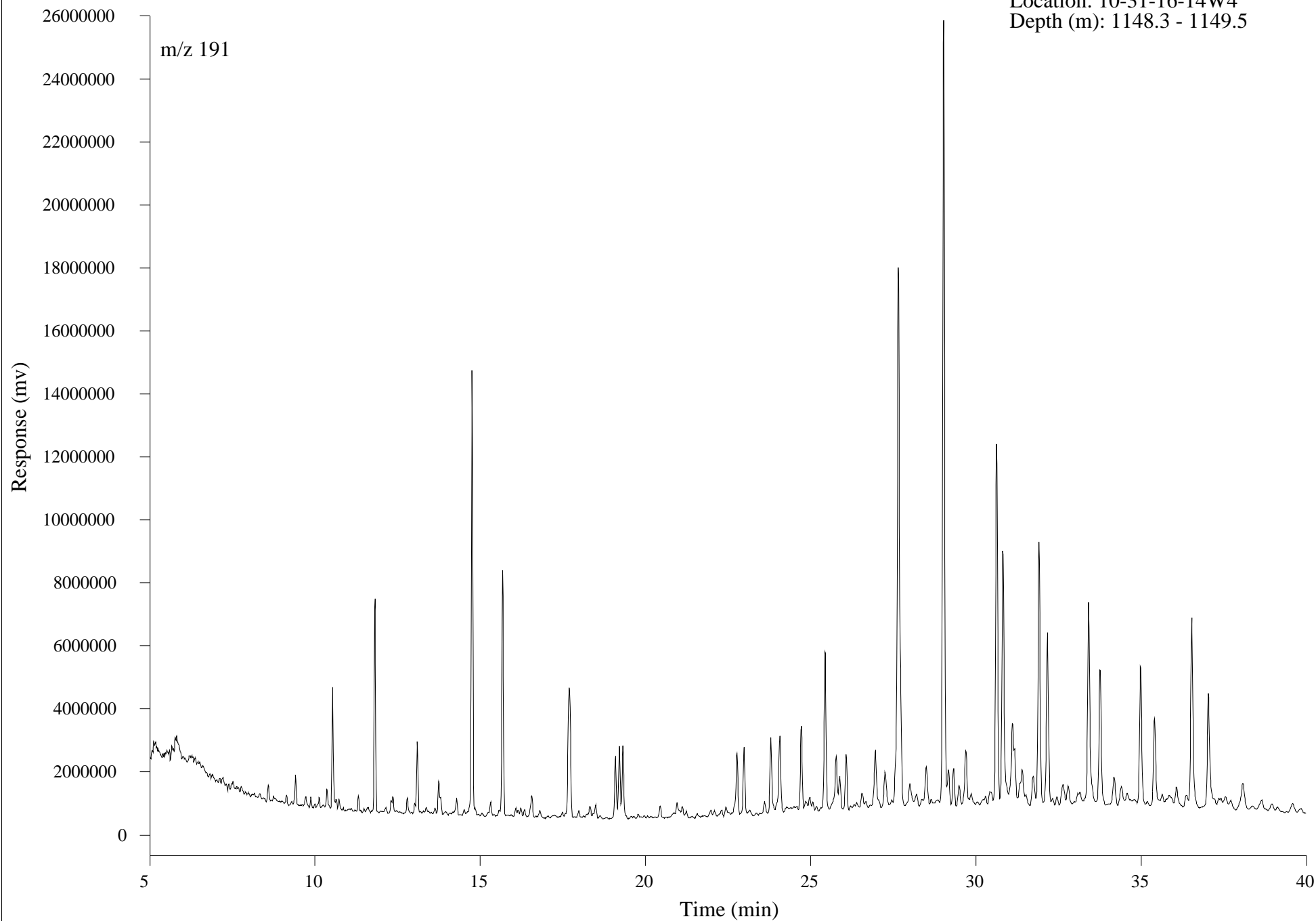
Saturated Hydrocarbons Mass Chromatogram

Lab Id: L01337
GSC No: C-558234
Location: 10-31-16-14W4
Depth (m): 1148.3 - 1149.5



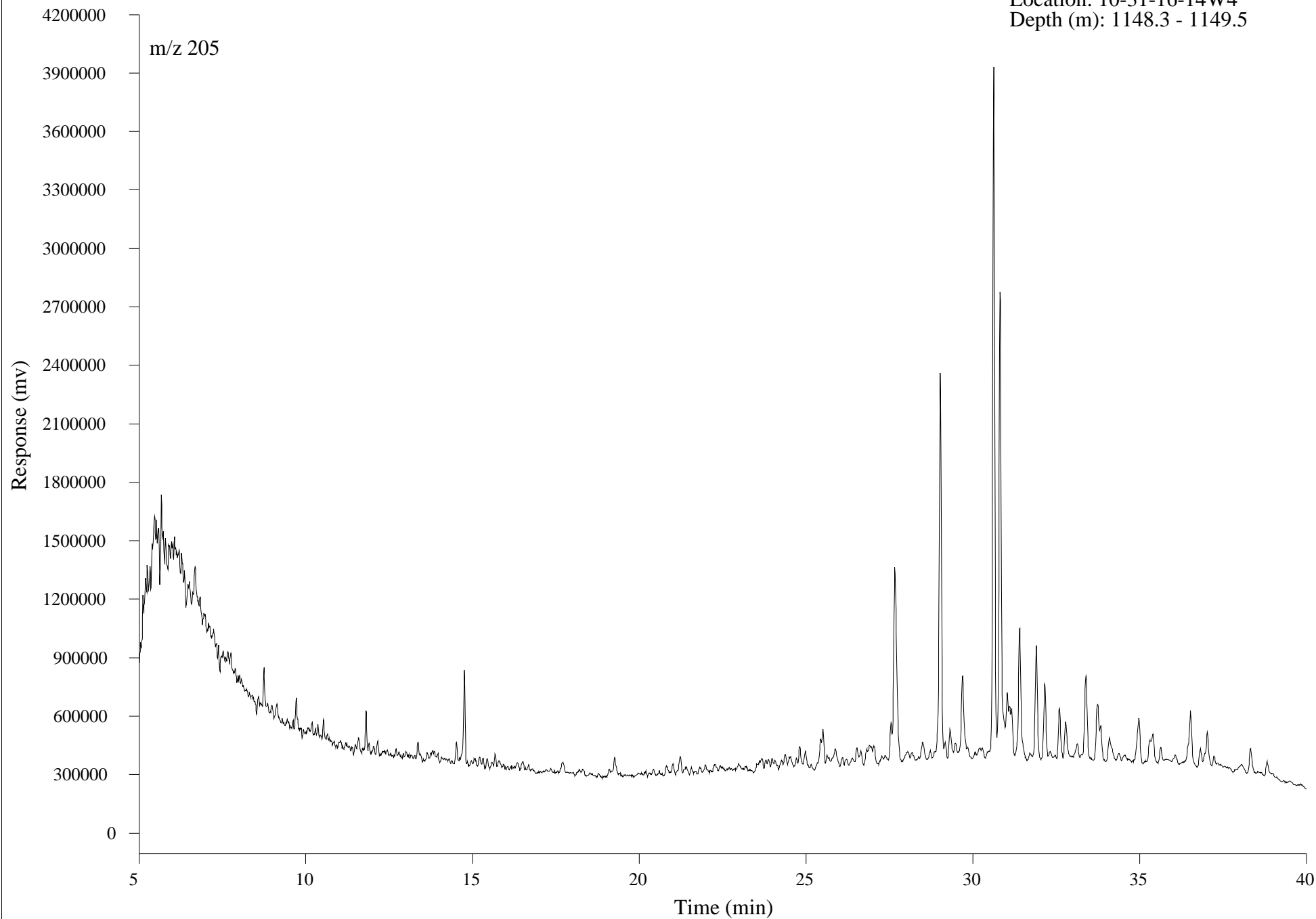
Saturated Hydrocarbons Mass Chromatogram

Lab Id: L01337
GSC No: C-558234
Location: 10-31-16-14W4
Depth (m): 1148.3 - 1149.5



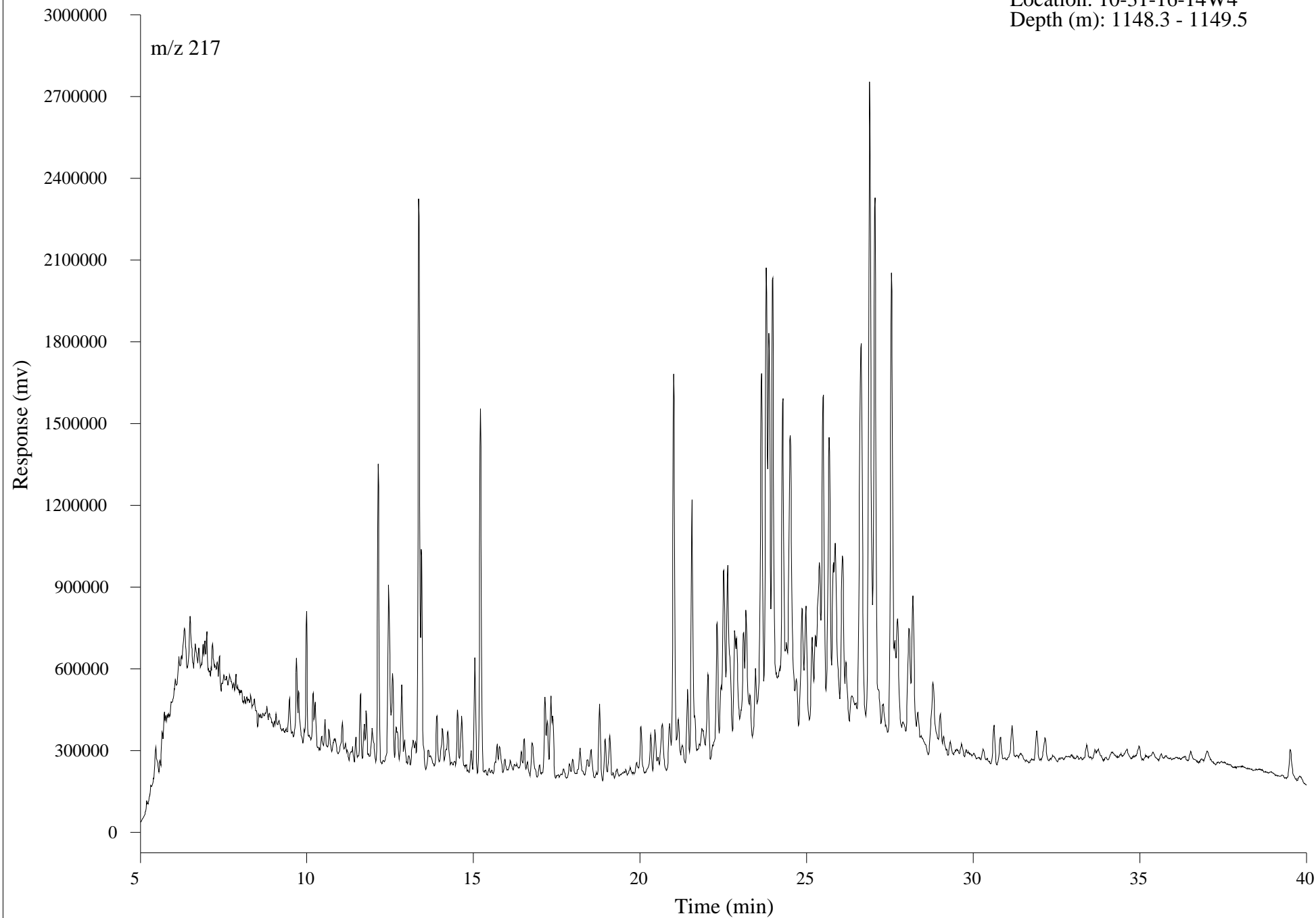
Saturated Hydrocarbons Mass Chromatogram

Lab Id: L01337
GSC No: C-558234
Location: 10-31-16-14W4
Depth (m): 1148.3 - 1149.5



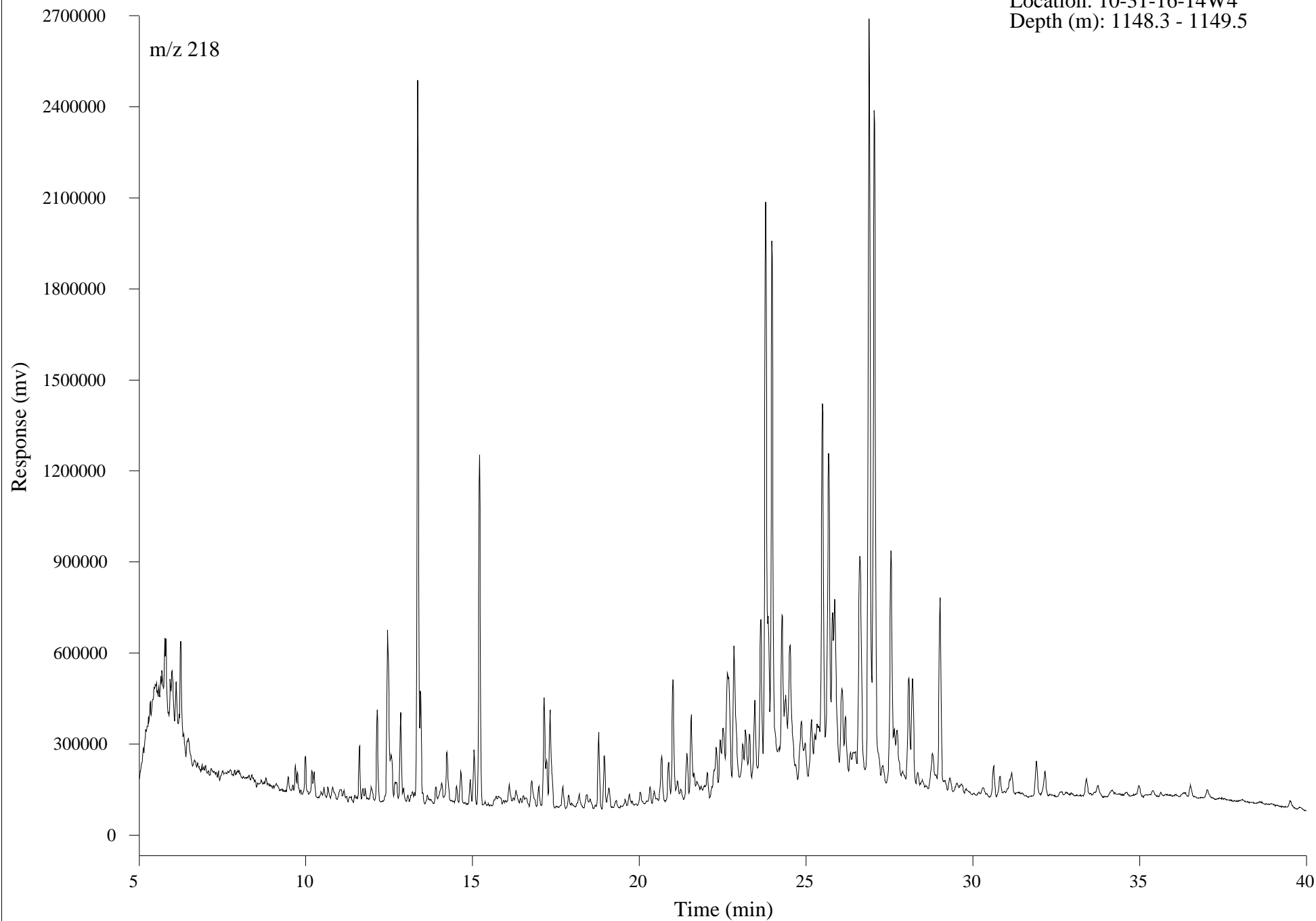
Saturated Hydrocarbons Mass Chromatogram

Lab Id: L01337
GSC No: C-558234
Location: 10-31-16-14W4
Depth (m): 1148.3 - 1149.5



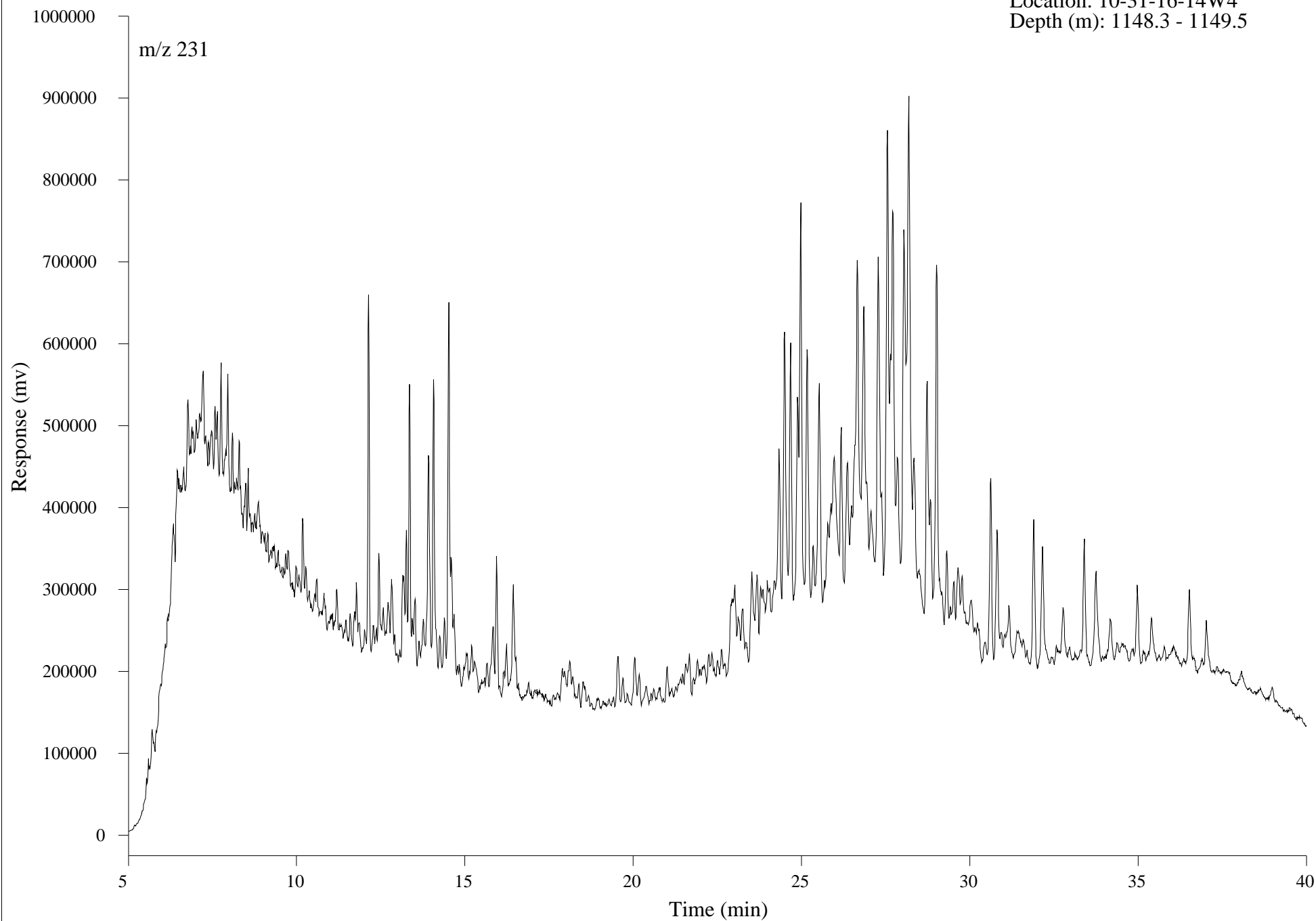
Saturated Hydrocarbons Mass Chromatogram

Lab Id: L01337
GSC No: C-558234
Location: 10-31-16-14W4
Depth (m): 1148.3 - 1149.5



Saturated Hydrocarbons Mass Chromatogram

Lab Id: L01337
GSC No: C-558234
Location: 10-31-16-14W4
Depth (m): 1148.3 - 1149.5



Saturated Hydrocarbons Mass Chromatogram

Lab Id: L01337
GSC No: C-558234
Location: 10-31-16-14W4
Depth (m): 1148.3 - 1149.5

