

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, 1995.

Sample ID: L02014

GSC Catalog No: C-558589

Acquisition Date: 1995-05-23

Location: 11-25-19-17W4

UWI: 100112501917W400

Upper Depth (m): 1133.0

Lower Depth (m): 1134.0

Fraction: gasoline

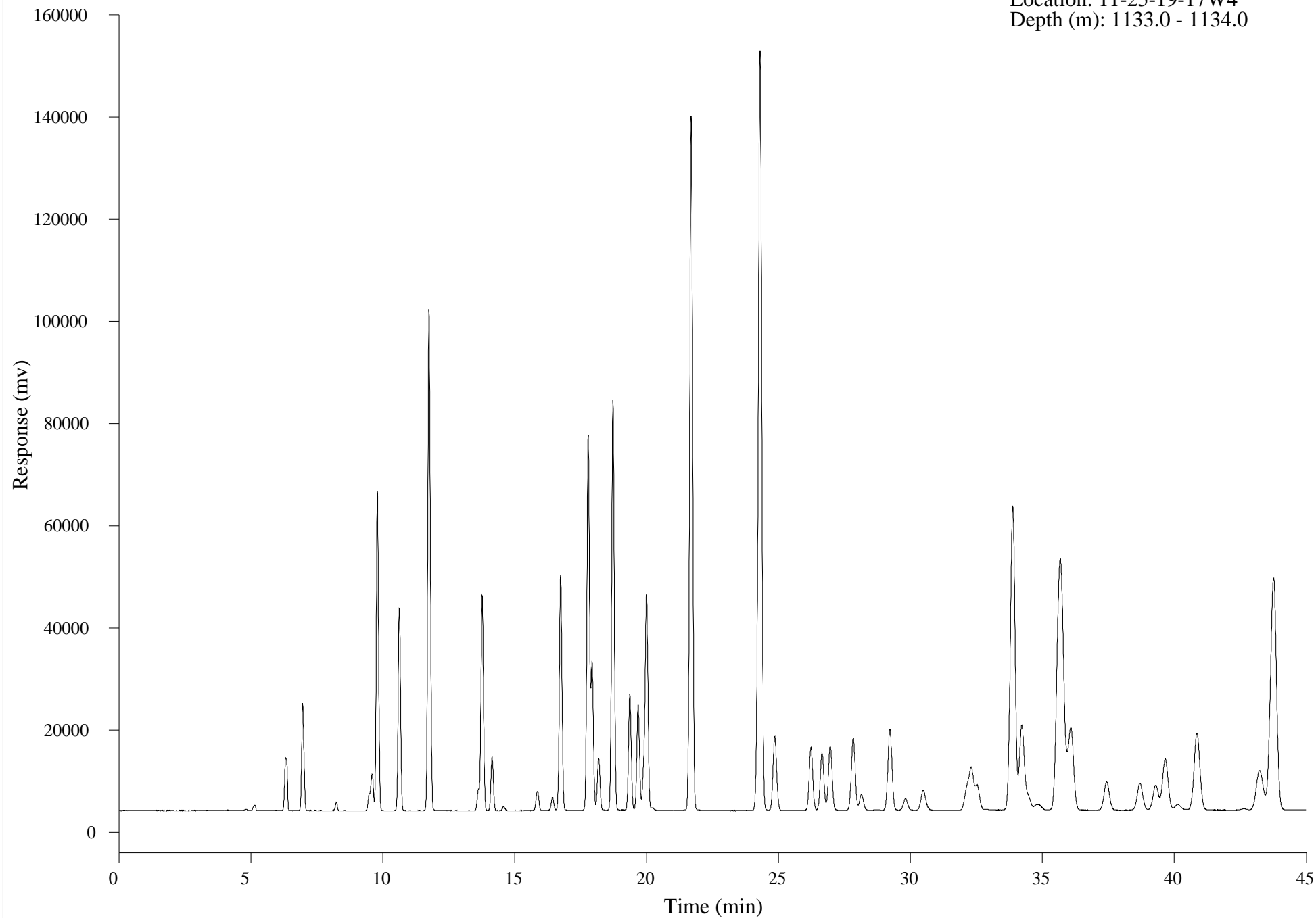
Instrument: HP 5890 GC

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

Time	Compound Name	Area	Height
6.33	iC5	73016.00	10336.42
6.97	nC5	124463.00	20999.98
8.25	22DMC4	8955.00	1649.40
9.52	CYC5	11958.00	2691.00
9.60	23DMC4	43850.00	6596.69
9.80	2MC5	376188.00	62165.00
10.63	3MC5	248855.00	39555.02
11.75	nC6	662774.00	98239.72
13.64	22DMC5	18584.00	4234.35
13.77	MCYC5	288137.00	42123.53
14.15	24DMC5	67896.00	10418.22
14.59	223TMC4	5740.00	827.09
15.87	BEN	28457.00	3771.61
16.44	33DMC5	17785.00	2564.57
16.75	CYC6	321548.00	46113.06
17.79	2MC6	522662.00	73557.00
17.93	23DMC5	183237.00	29009.01
18.19	11DMCYC5	72081.00	10043.84
18.73	3MC6	565507.00	80302.14
19.37	1c3DMCYC5	162916.00	22747.96
19.68	1t3DMCYC5	148699.00	20593.84
20.00	1t2DMCYC5	357306.00	42337.59
21.69	nC7	1061914.00	135891.92
24.30	MCYC6	1350220.00	148674.79
24.86	22DMC6	139280.00	14510.13
26.23	ECYC5	117136.00	12353.93
26.65	25DMC6	108797.00	11187.17
26.96	24DMC6	124424.00	12559.18
27.84	223TMC5	146218.00	14191.02
29.82	234TMC5	25578.00	2271.24
30.49	TOL	49845.00	3931.38
33.88	2MC7	744615.00	59298.12
36.08	3MC7	233439.00	16102.96
43.23	1c4DMCYC6	140340.00	7759.13
43.77	nC8	743236.00	45444.09

Gasoline Gas Chromatogram

Lab Id: L02014
GSC No: C-558589
Location: 11-25-19-17W4
Depth (m): 1133.0 - 1134.0



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, 1996.

Sample ID: L02014

GSC Catalog No: C-558589

Acquisition Date: 1996-09-03

Location: 11-25-19-17W4

UWI: 100112501917W400

Upper Depth (m): 1133.0

Lower Depth (m): 1134.0

Fraction: saturate

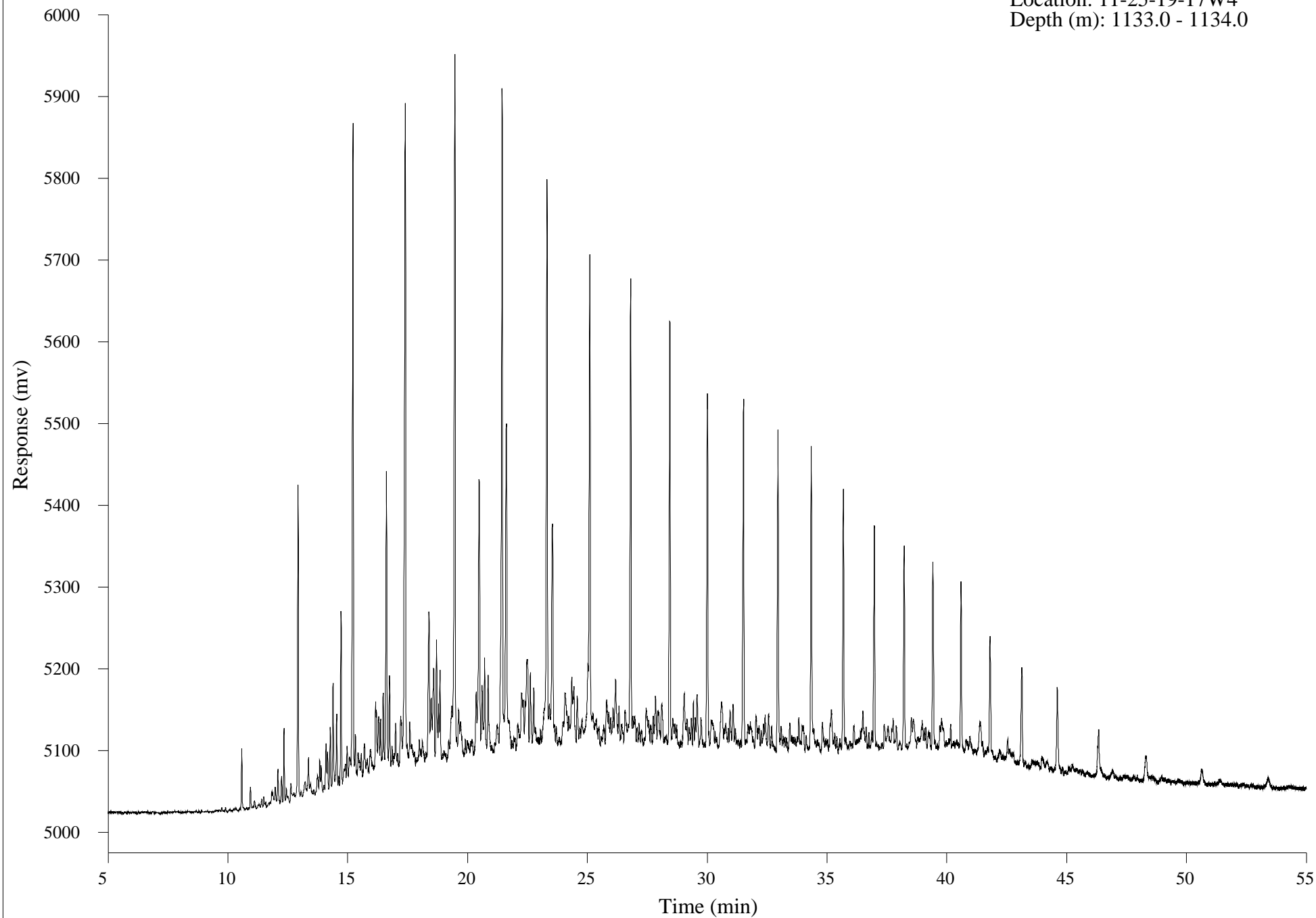
Instrument: Varian 3800 GC

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

Time	Compound Name	Area	Height
10.58	C12	154.52	72.91
12.93	C13	986.05	378.57
15.22	C14	2277.83	805.89
17.40	C15	2735.47	781.57
19.48	C16	2817.20	853.17
21.45	C17	2536.21	784.69
21.62	Pr	1349.18	375.26
23.32	C18	2157.97	662.26
23.54	Ph	884.79	245.52
25.11	C19	2004.05	570.21
26.81	C20	1671.21	563.42
28.45	C21	1494.45	517.48
30.01	C22	1425.74	433.86
31.52	C23	1342.33	431.12
32.96	C24	1216.62	393.80
34.35	C25	1063.76	360.72
35.68	C26	947.79	312.18
36.98	C27	817.73	272.47
38.22	C28	761.63	245.93
39.42	C29	714.07	227.36
40.60	C30	598.56	205.56
41.81	C31	481.25	140.43
43.13	C32	476.75	119.60

Saturated Hydrocarbons Gas Chromatogram

Lab Id: L02014
GSC No: C-558589
Location: 11-25-19-17W4
Depth (m): 1133.0 - 1134.0



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, 1997.

Sample ID: L02014

GSC Catalog No: C-558589

Acquisition Date: 1997-01-20

Location: 11-25-19-17W4

UWI: 100112501917W400

Upper Depth (m): 1133.0

Lower Depth (m): 1134.0

Fraction: saturate

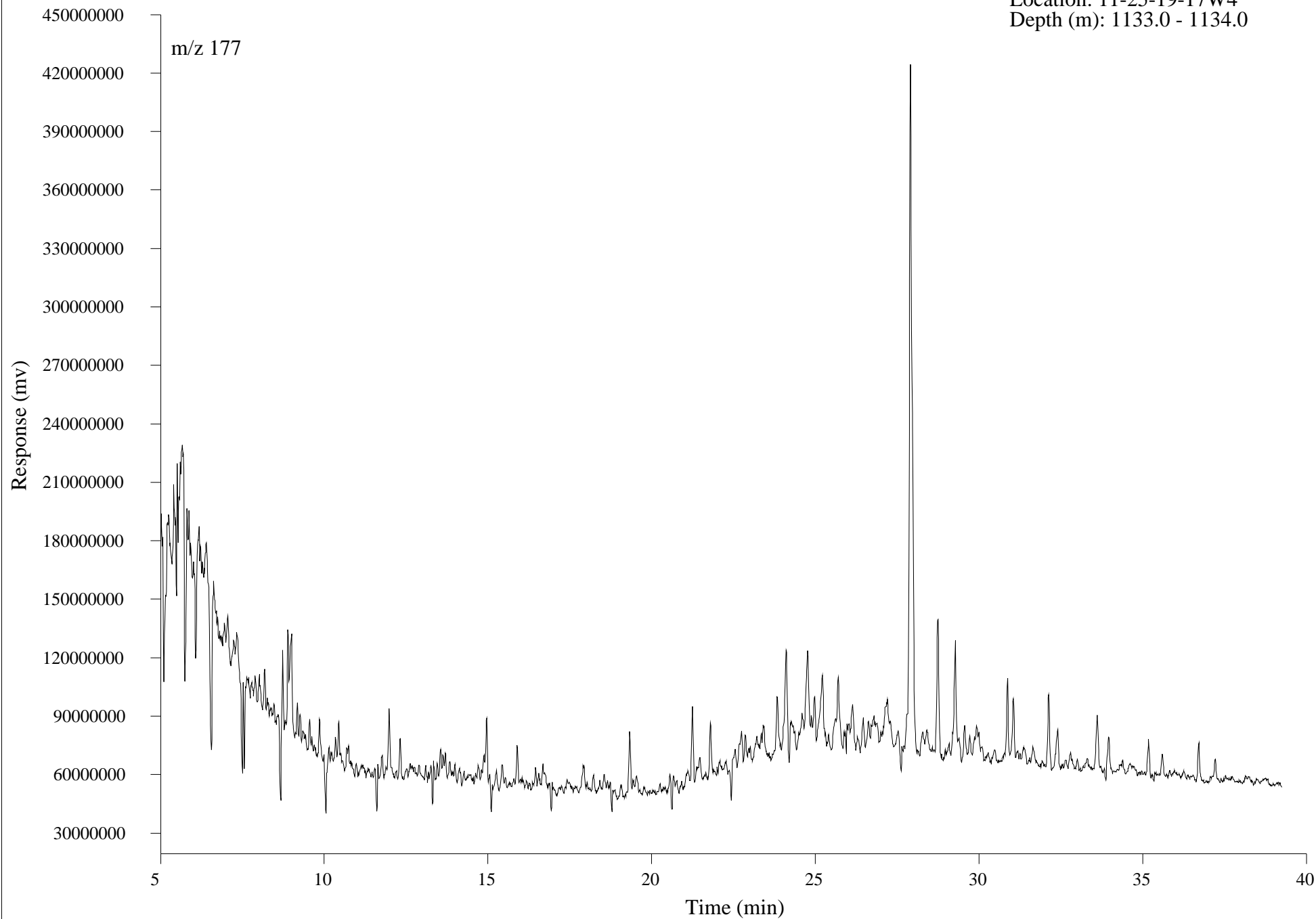
Instrument: HP 5890 GC/VG70SQ MS

MS Mode: Selected Ion Monitoring + EI

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

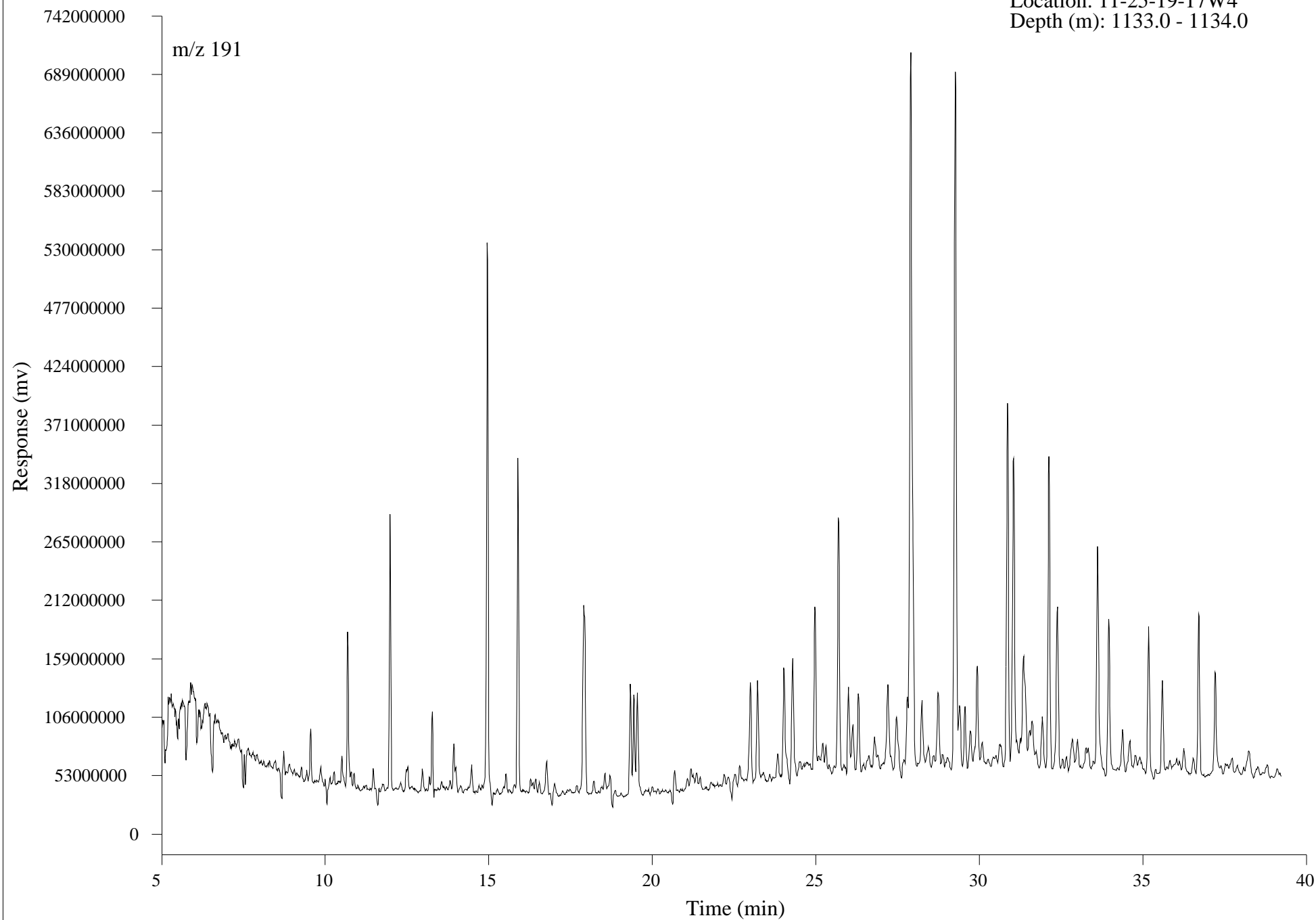
Saturated Hydrocarbons Mass Chromatogram

Lab Id: L02014
GSC No: C-558589
Location: 11-25-19-17W4
Depth (m): 1133.0 - 1134.0



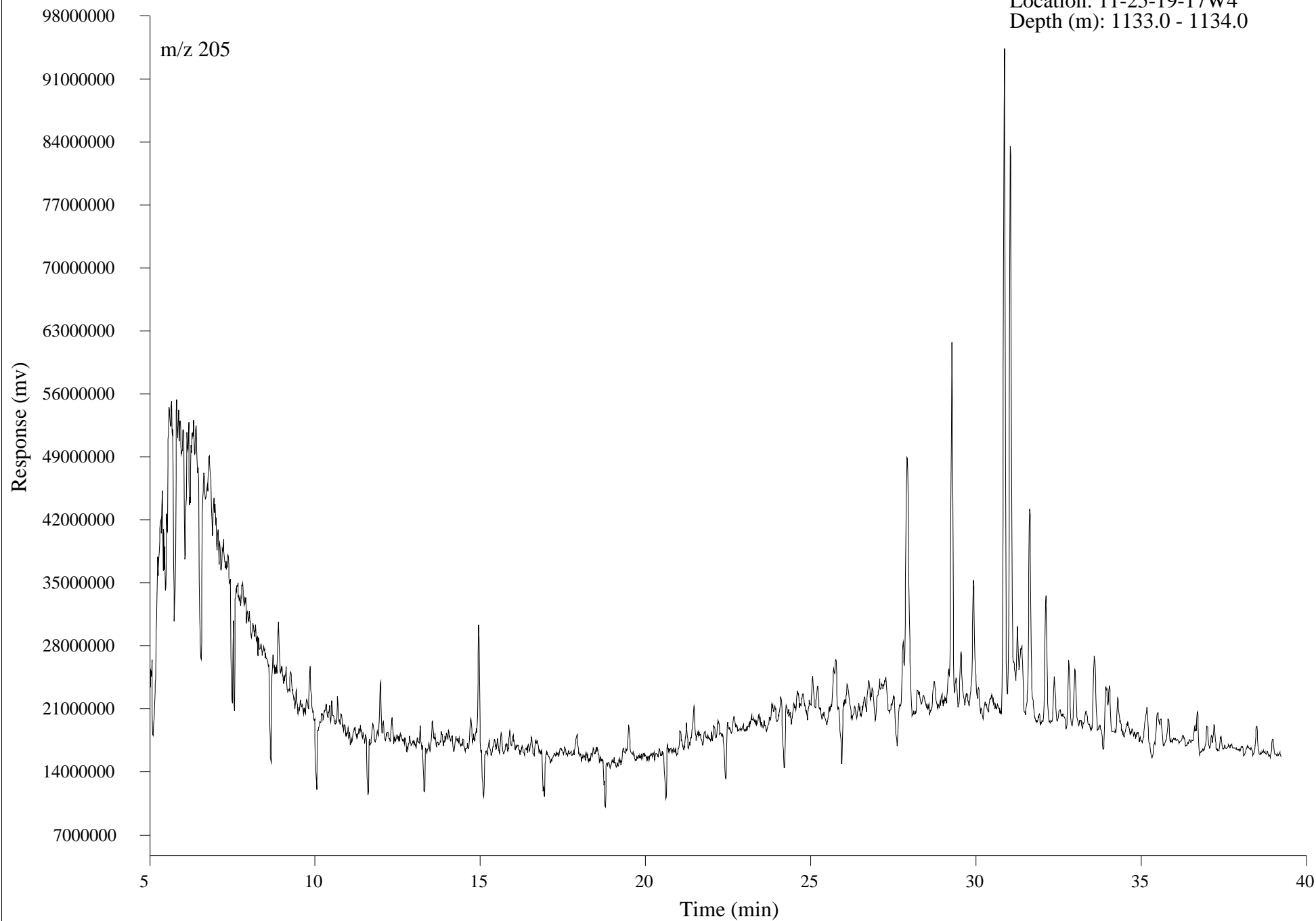
Saturated Hydrocarbons Mass Chromatogram

Lab Id: L02014
GSC No: C-558589
Location: 11-25-19-17W4
Depth (m): 1133.0 - 1134.0



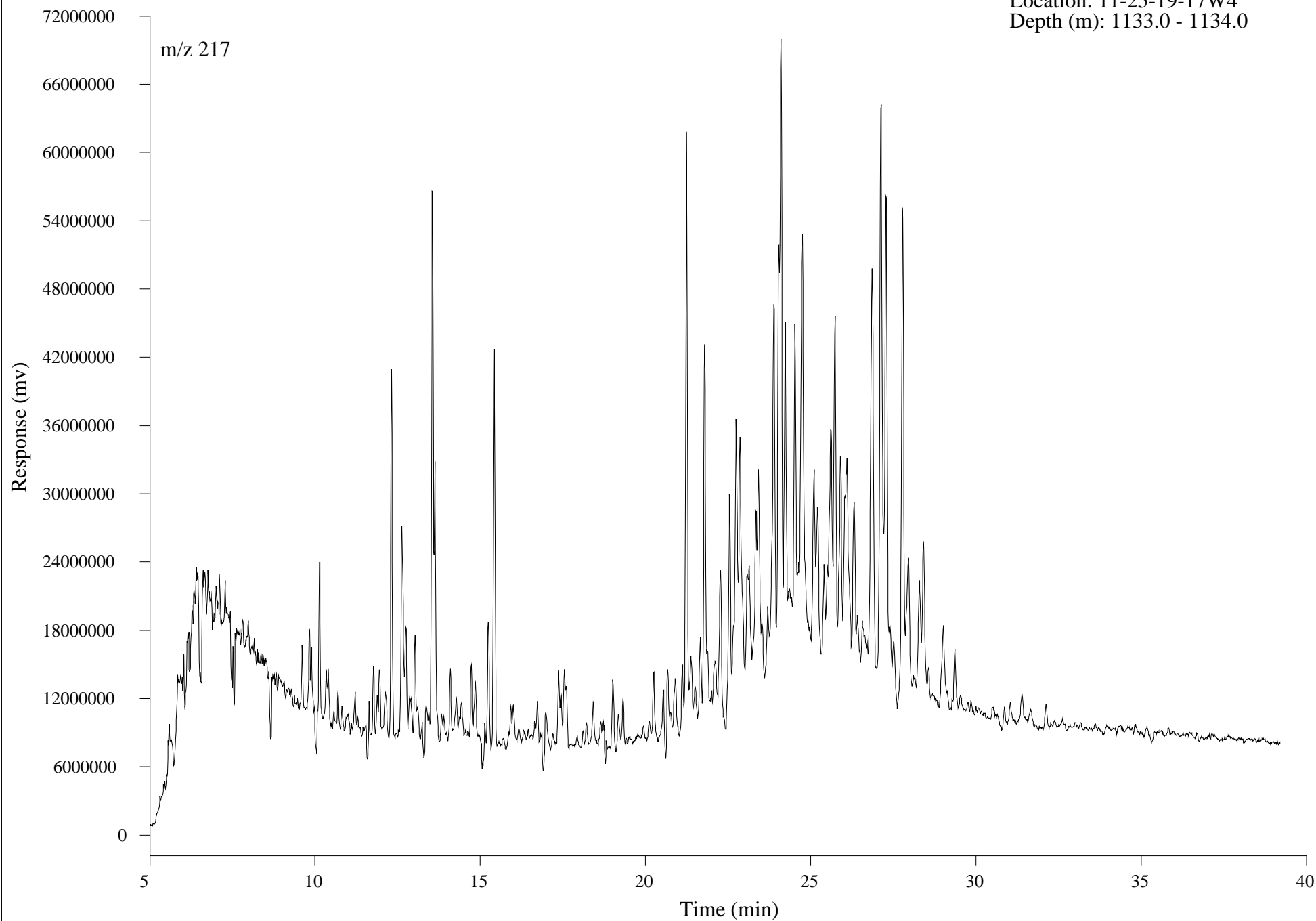
Saturated Hydrocarbons Mass Chromatogram

Lab Id: L02014
GSC No: C-558589
Location: 11-25-19-17W4
Depth (m): 1133.0 - 1134.0



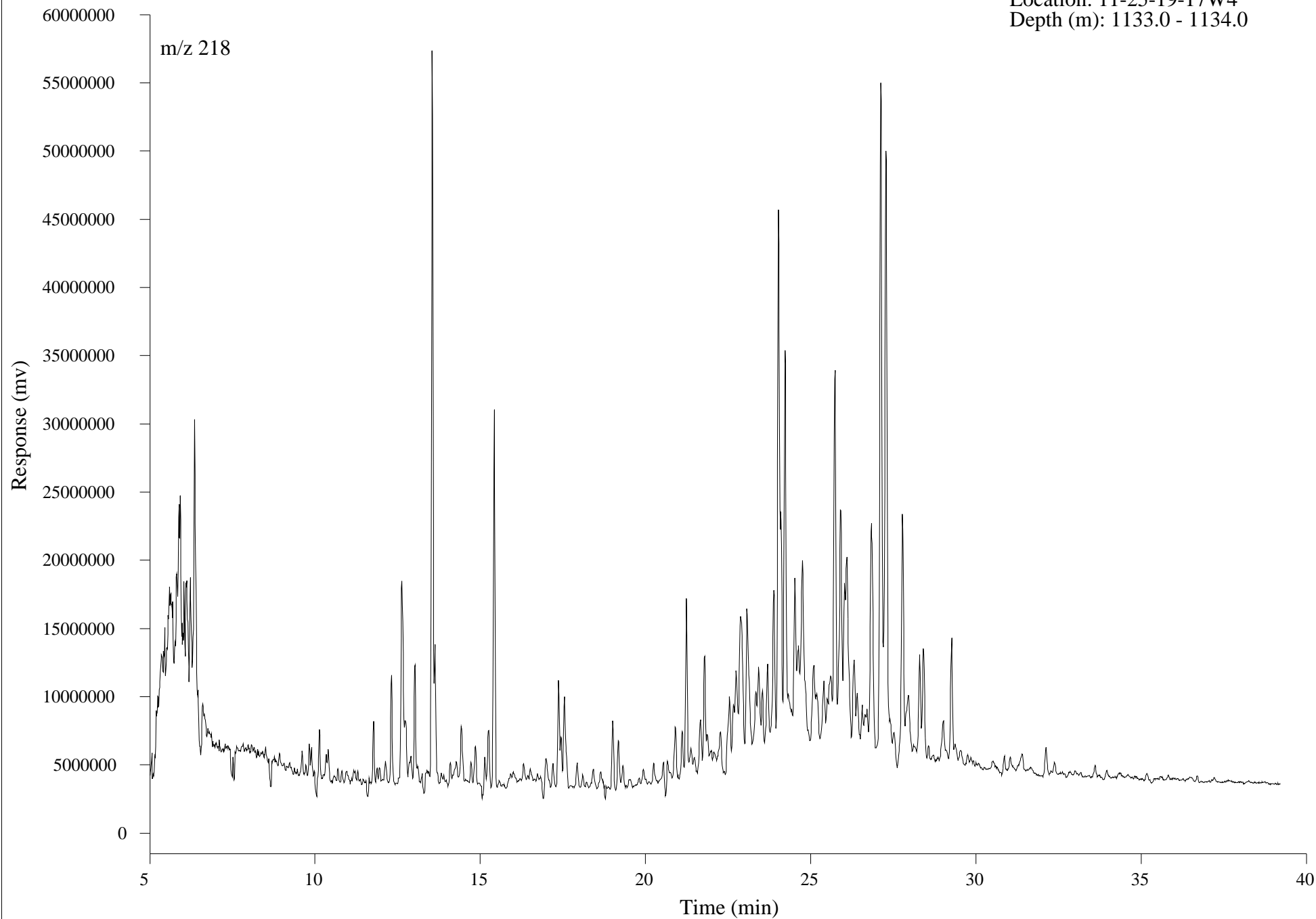
Saturated Hydrocarbons Mass Chromatogram

Lab Id: L02014
GSC No: C-558589
Location: 11-25-19-17W4
Depth (m): 1133.0 - 1134.0



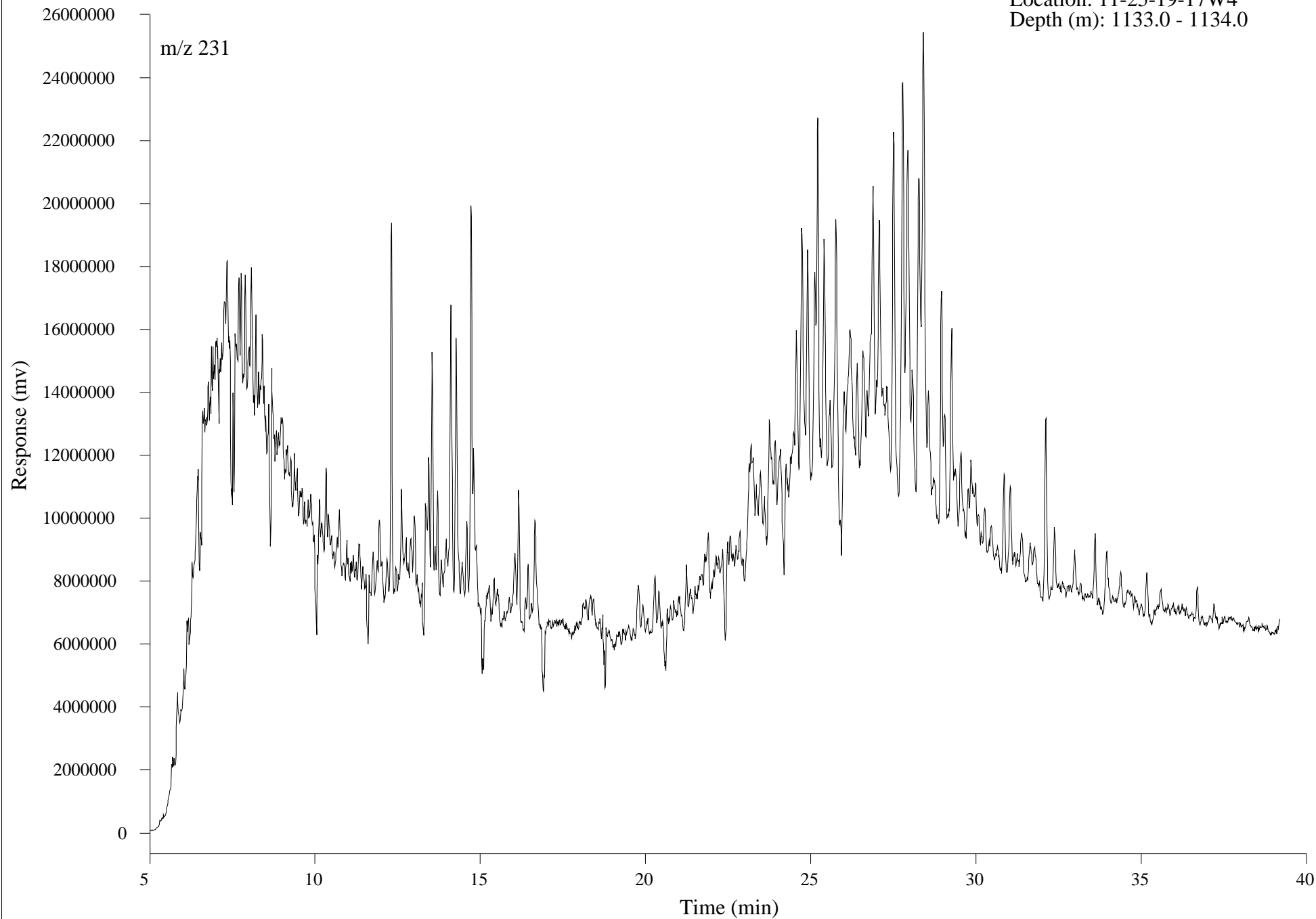
Saturated Hydrocarbons Mass Chromatogram

Lab Id: L02014
GSC No: C-558589
Location: 11-25-19-17W4
Depth (m): 1133.0 - 1134.0



Saturated Hydrocarbons Mass Chromatogram

Lab Id: L02014
GSC No: C-558589
Location: 11-25-19-17W4
Depth (m): 1133.0 - 1134.0



Saturated Hydrocarbons Mass Chromatogram

Lab Id: L02014
GSC No: C-558589
Location: 11-25-19-17W4
Depth (m): 1133.0 - 1134.0

