

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: L01952

GSC Catalog No: C-562114

Acquisition Date: 1995-06-06

Location: 15-34-18-21W4

UWI: 100153401821W400

Upper Depth (m): 1406.0

Lower Depth (m): 1433.0

Fraction: gasoline

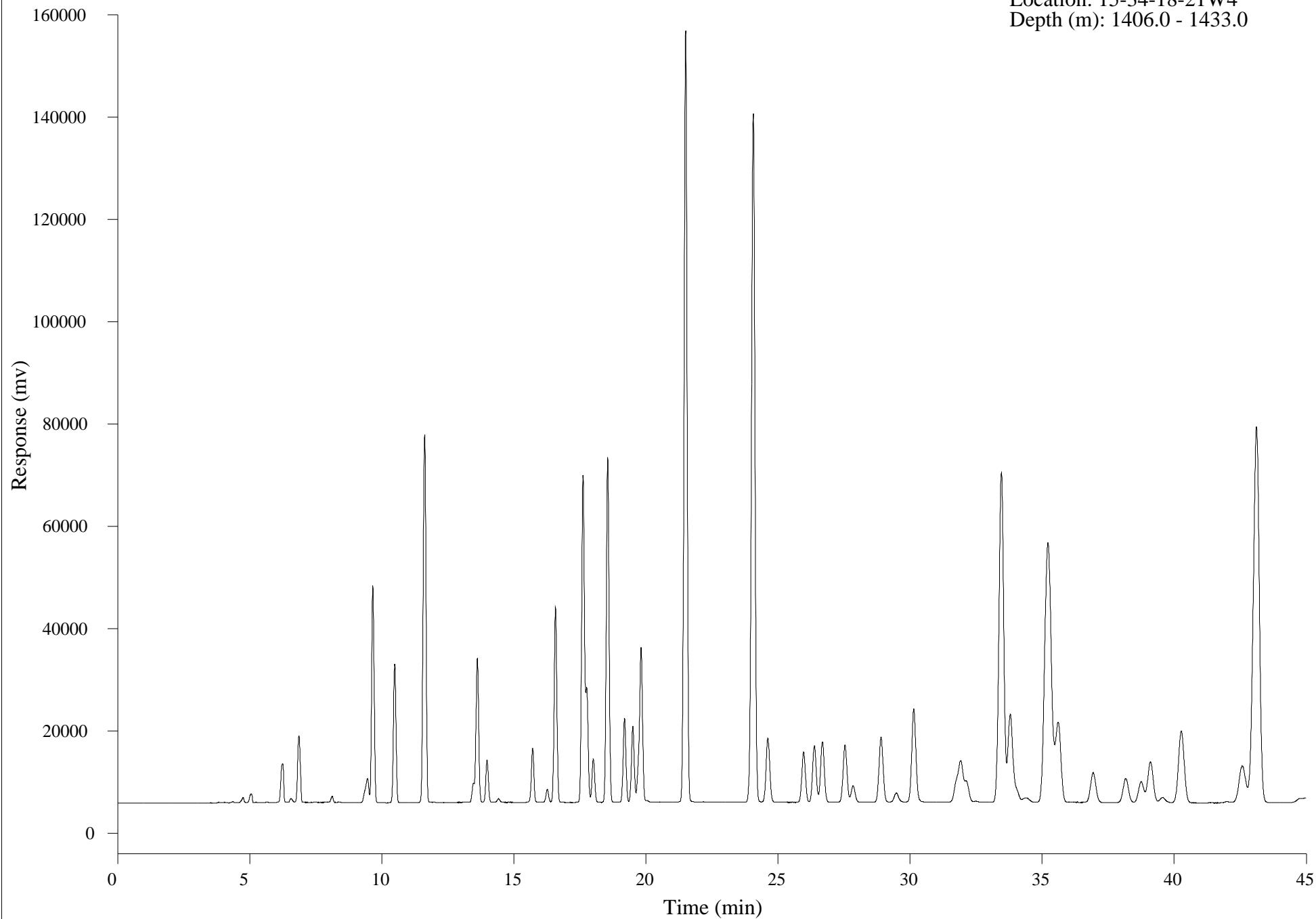
Instrument: HP 5890 GC

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

Time	Compound Name	Area	Height
6.25	iC5	56171.00	7561.01
6.87	nC5	91211.00	13098.10
8.13	22DMC4	7045.00	1211.20
9.38	CYC5	14163.00	3505.00
9.46	23DMC4	43407.00	5404.55
9.66	2MC5	287472.00	42846.33
10.49	3MC5	181706.00	27110.03
11.63	nC6	549626.00	71876.22
13.47	22DMC5	18576.00	3759.19
13.62	MCYC5	202965.00	28159.26
13.99	24DMC5	54940.00	8198.82
14.42	223TMC4	4871.00	708.59
15.72	BEN	69348.00	10572.72
16.27	33DMC5	17522.00	2531.99
16.58	CYC6	269516.00	38058.93
17.62	2MC6	488397.00	64019.34
17.76	23DMC5	128924.00	22522.00
18.01	11DMCYC5	60633.00	8402.24
18.56	3MC6	494036.00	67447.62
19.19	1c3DMCYC5	120757.00	16420.59
19.51	1t3DMCYC5	110103.00	14869.93
19.82	1t2DMCYC5	262375.00	30295.01
21.51	nC7	1198330.00	150855.96
24.07	MCYC6	1217586.00	134728.61
24.62	22DMC6	120807.00	12491.05
25.97	ECYC5	92990.00	9839.20
26.38	25DMC6	106671.00	11072.07
26.69	24DMC6	116251.00	11803.00
27.54	223TMC5	114015.00	11176.64
29.49	234TMC5	20913.00	1797.54
30.14	TOL	198289.00	18199.38
33.46	2MC7	805514.00	64315.85
35.61	3MC7	221007.00	15626.79
42.58	1c4DMCYC6	125652.00	7190.75
43.12	nC8	1178969.00	73503.93

Gasoline Gas Chromatogram

Lab Id: L01952
GSC No: C-562114
Location: 15-34-18-21W4
Depth (m): 1406.0 - 1433.0



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: L01952

GSC Catalog No: C-562114

Acquisition Date: 1996-03-19

Location: 15-34-18-21W4

UWI: 100153401821W400

Upper Depth (m): 1406.0

Lower Depth (m): 1433.0

Fraction: saturate

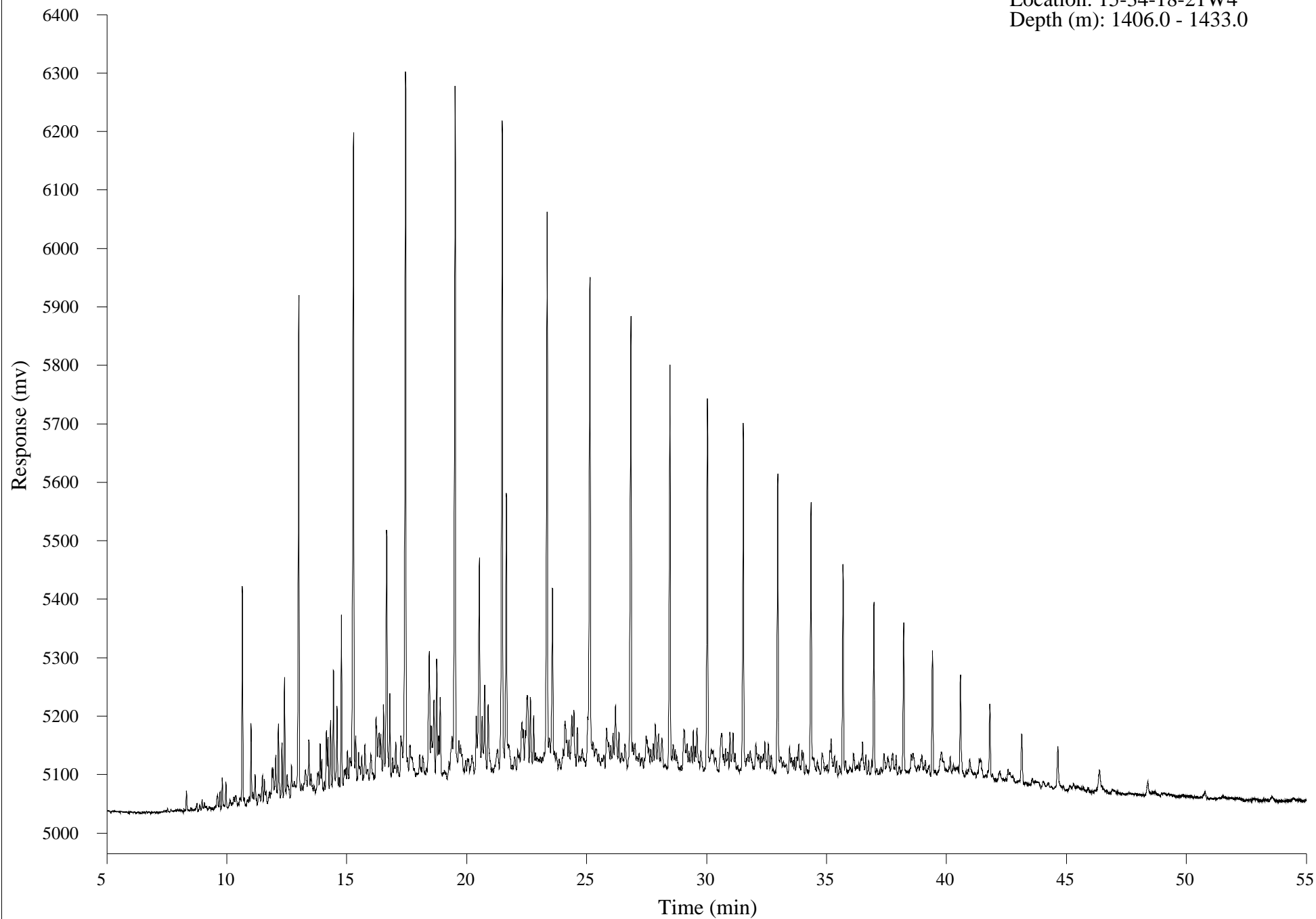
Instrument: Varian 3800 GC

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

Time	Compound Name	Area	Height
8.32	C11	84.31	34.30
10.65	C12	825.38	366.89
13.00	C13	2253.23	846.89
15.28	C14	3447.07	1116.91
17.46	C15	3731.68	1196.51
19.52	C16	3671.04	1162.65
21.49	C17	3433.84	1098.06
21.66	Pr	1329.73	443.36
23.36	C18	2820.88	905.82
23.58	Ph	907.59	286.96
25.14	C19	2902.19	817.24
26.85	C20	2363.79	764.43
28.48	C21	2105.10	692.86
30.04	C22	1835.88	625.99
31.54	C23	1741.67	592.05
32.97	C24	1476.15	500.11
34.36	C25	1278.43	450.18
35.69	C26	1067.21	353.40
36.98	C27	873.46	294.38
38.22	C28	754.58	254.80
39.42	C29	644.46	212.68
40.59	C30	536.60	167.89
41.81	C31	371.89	121.26
43.14	C32	322.83	83.65

Saturated Hydrocarbons Gas Chromatogram

Lab Id: L01952
GSC No: C-562114
Location: 15-34-18-21W4
Depth (m): 1406.0 - 1433.0



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, 1996.

Sample ID: L01952

GSC Catalog No: C-562114

Acquisition Date: 1996-04-29

Location: 15-34-18-21W4

UWI: 100153401821W400

Upper Depth (m): 1406.0

Lower Depth (m): 1433.0

Fraction: saturate

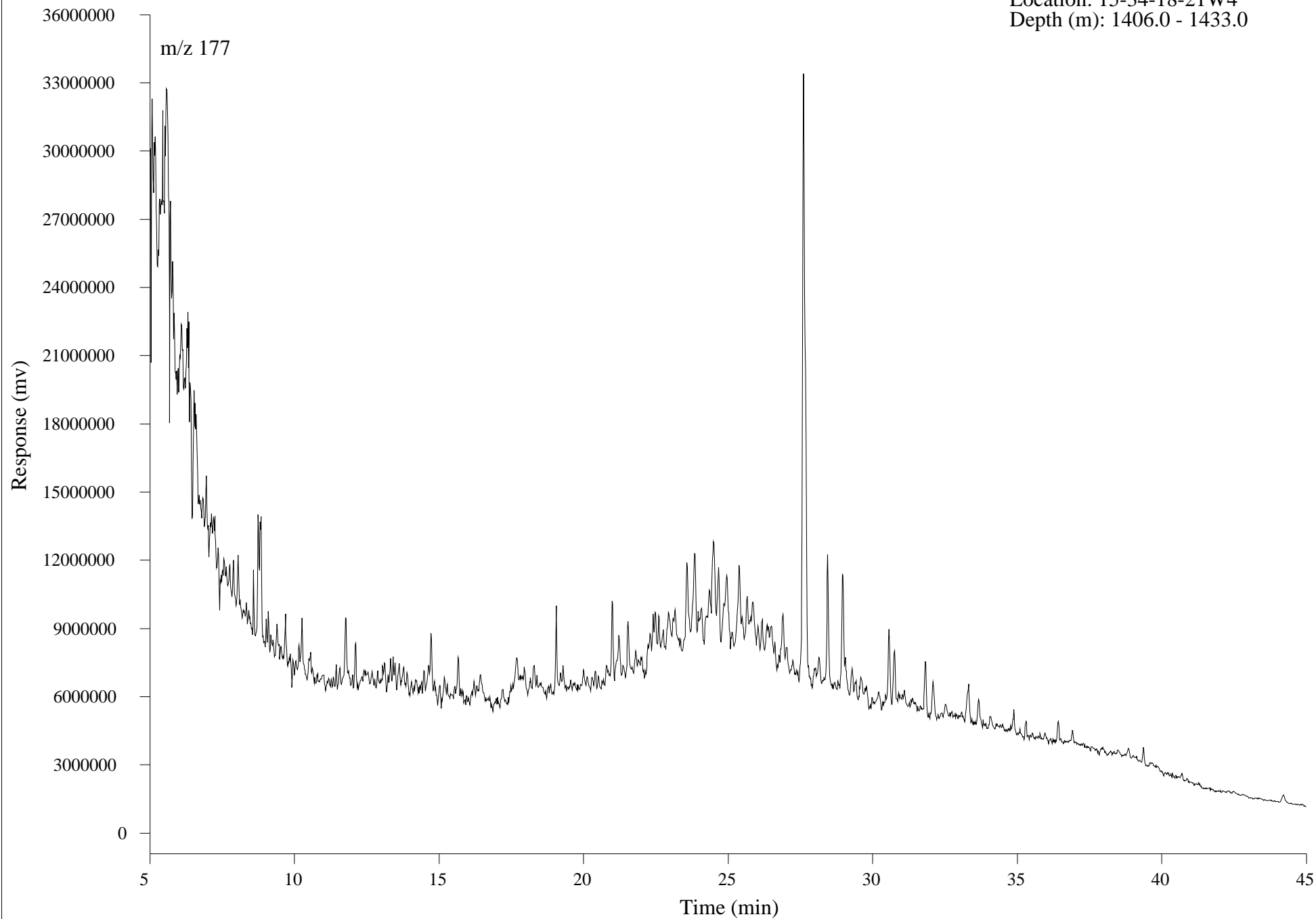
Instrument: HP 5890 GC/VG70SQ MS

MS Mode: Selected Ion Monitoring + EI

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

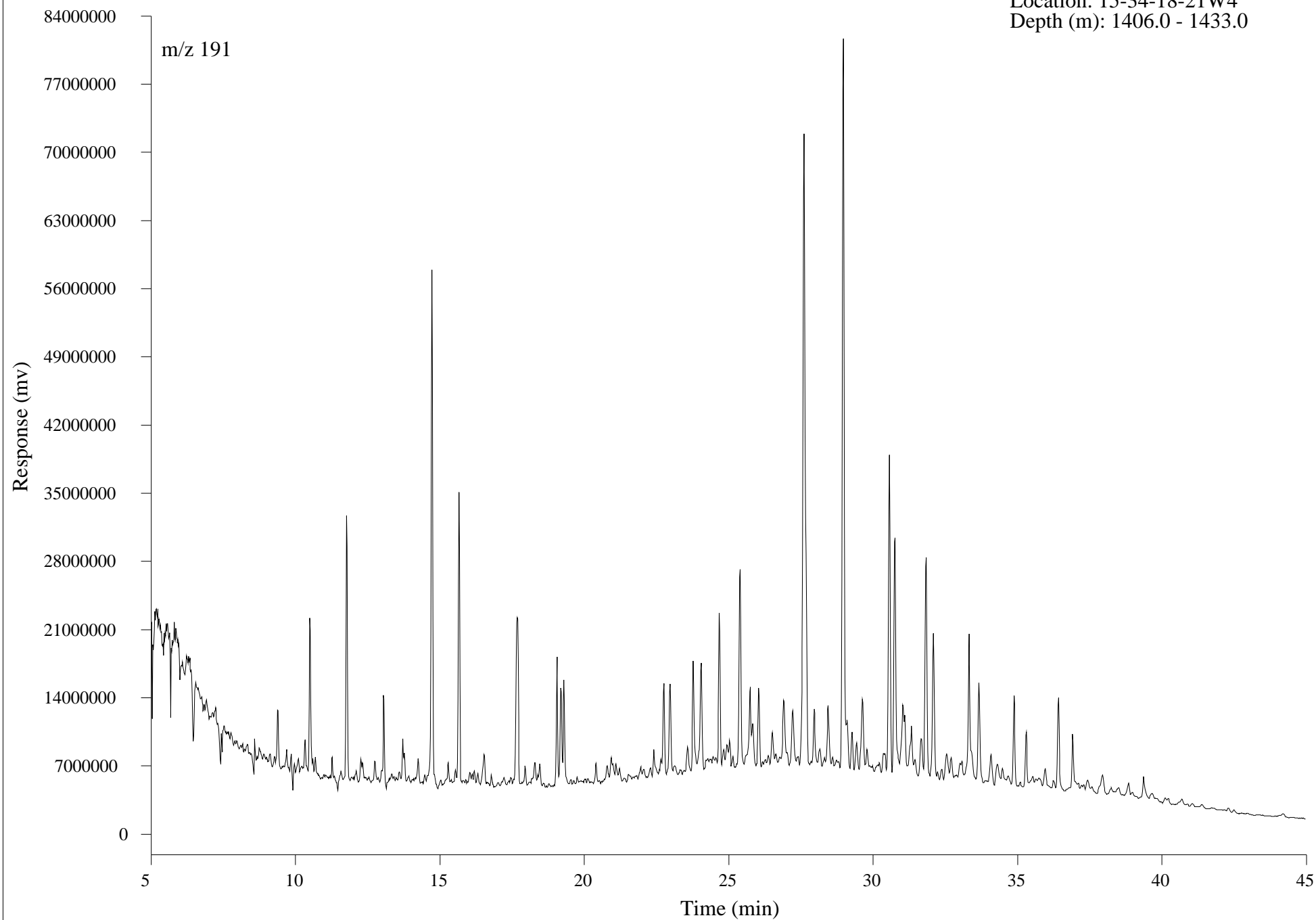
Saturated Hydrocarbons Mass Chromatogram

Lab Id: L01952
GSC No: C-562114
Location: 15-34-18-21W4
Depth (m): 1406.0 - 1433.0



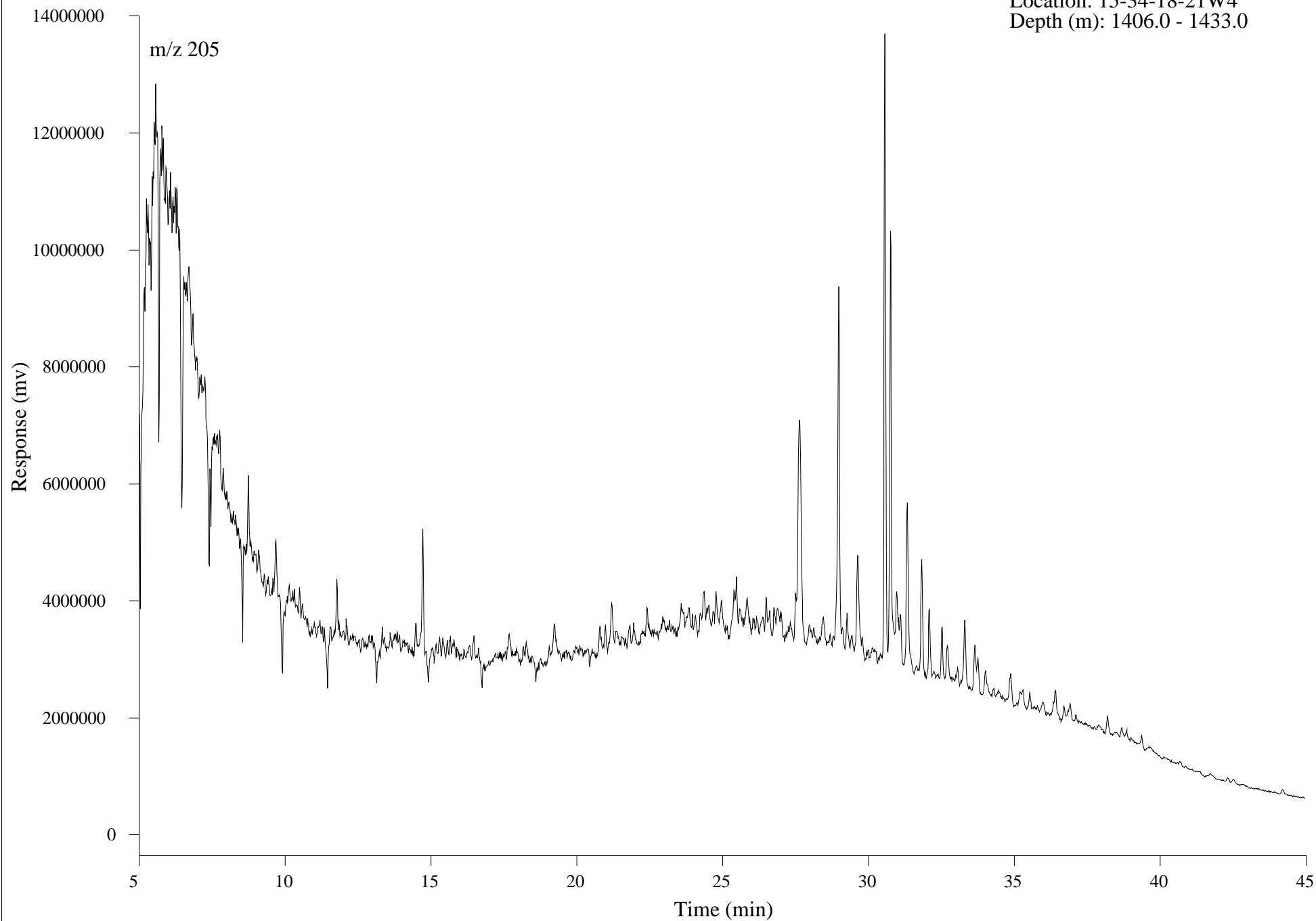
Saturated Hydrocarbons Mass Chromatogram

Lab Id: L01952
GSC No: C-562114
Location: 15-34-18-21W4
Depth (m): 1406.0 - 1433.0



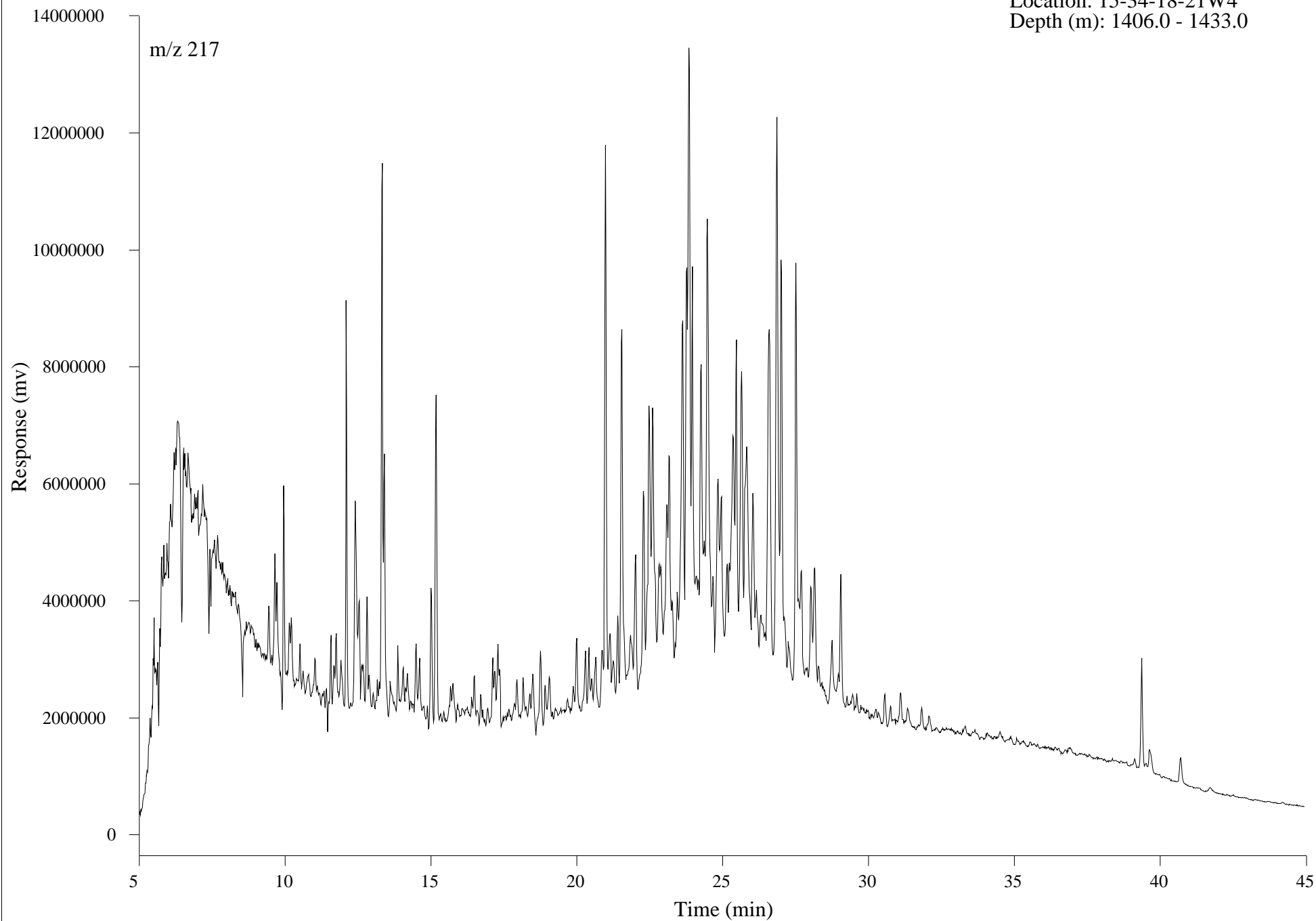
Saturated Hydrocarbons Mass Chromatogram

Lab Id: L01952
GSC No: C-562114
Location: 15-34-18-21W4
Depth (m): 1406.0 - 1433.0



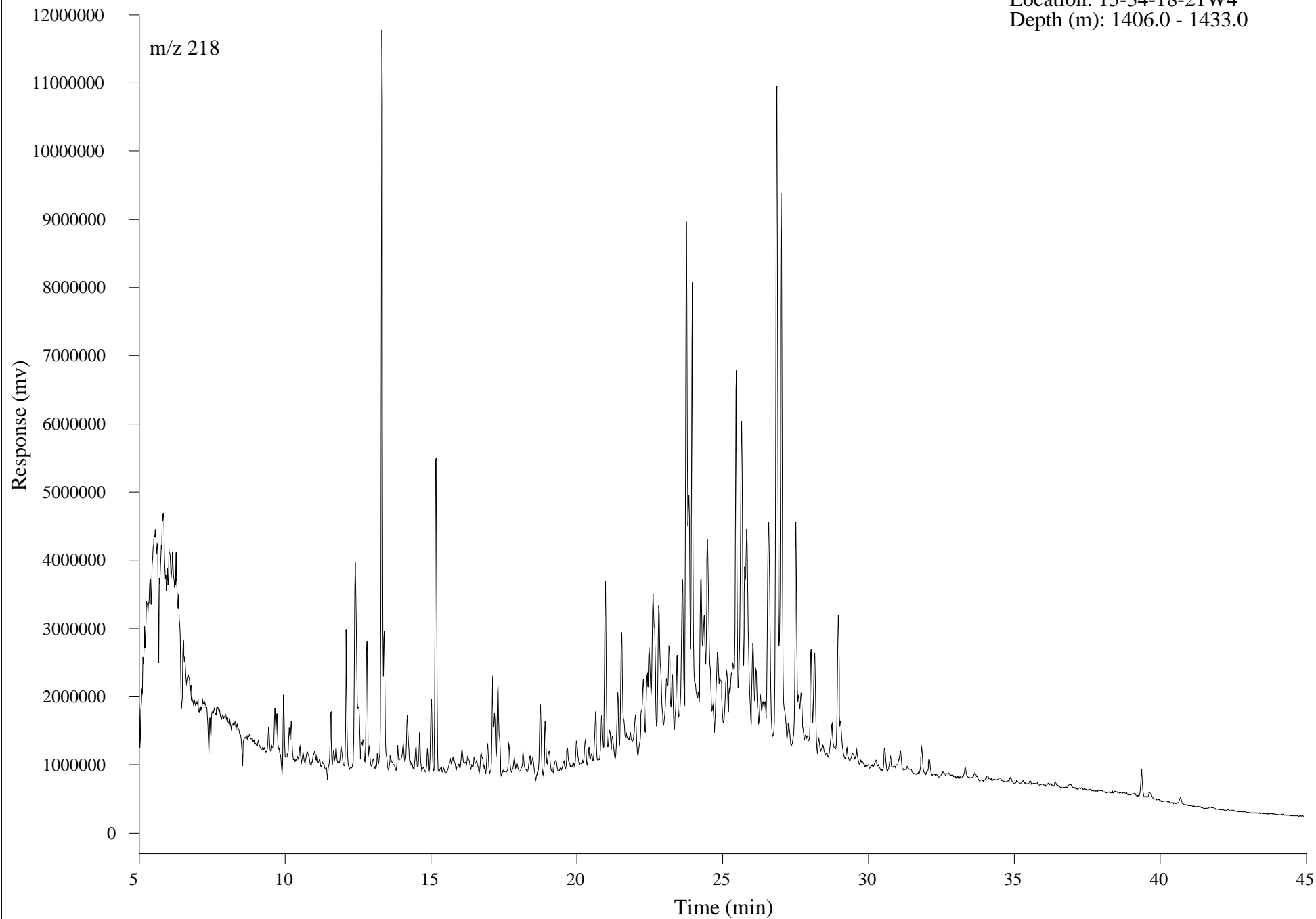
Saturated Hydrocarbons Mass Chromatogram

Lab Id: L01952
GSC No: C-562114
Location: 15-34-18-21W4
Depth (m): 1406.0 - 1433.0



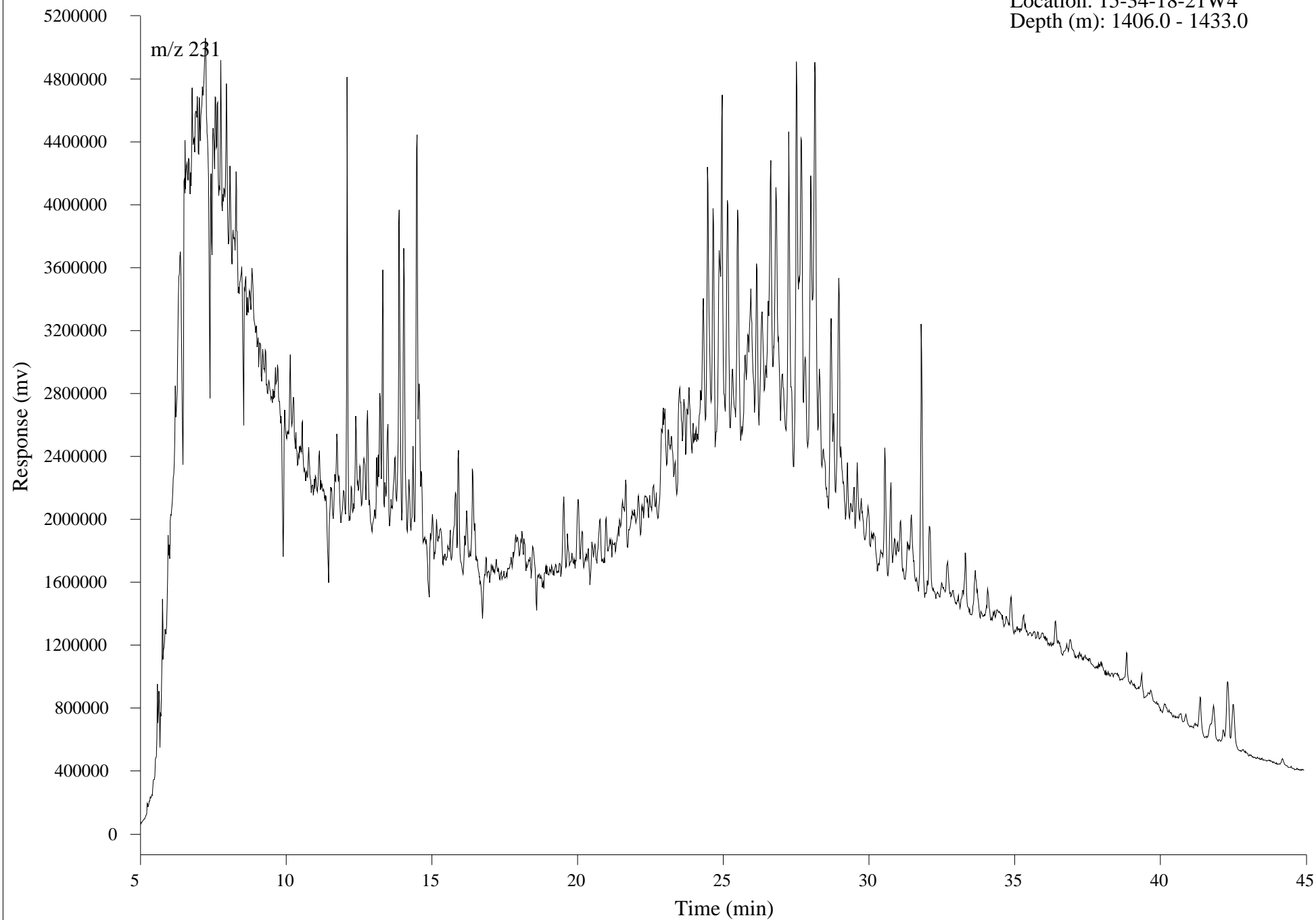
Saturated Hydrocarbons Mass Chromatogram

Lab Id: L01952
GSC No: C-562114
Location: 15-34-18-21W4
Depth (m): 1406.0 - 1433.0



Saturated Hydrocarbons Mass Chromatogram

Lab Id: L01952
GSC No: C-562114
Location: 15-34-18-21W4
Depth (m): 1406.0 - 1433.0



Saturated Hydrocarbons Mass Chromatogram

Lab Id: L01952
GSC No: C-562114
Location: 15-34-18-21W4
Depth (m): 1406.0 - 1433.0

