

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: L01939

GSC Catalog No: C-558522

Acquisition Date: 1995-07-17

Location: 12-33-19-19W4

UWI: 100123301919W400

Upper Depth (m): 1315.0

Lower Depth (m): 1318.5

Fraction: gasoline

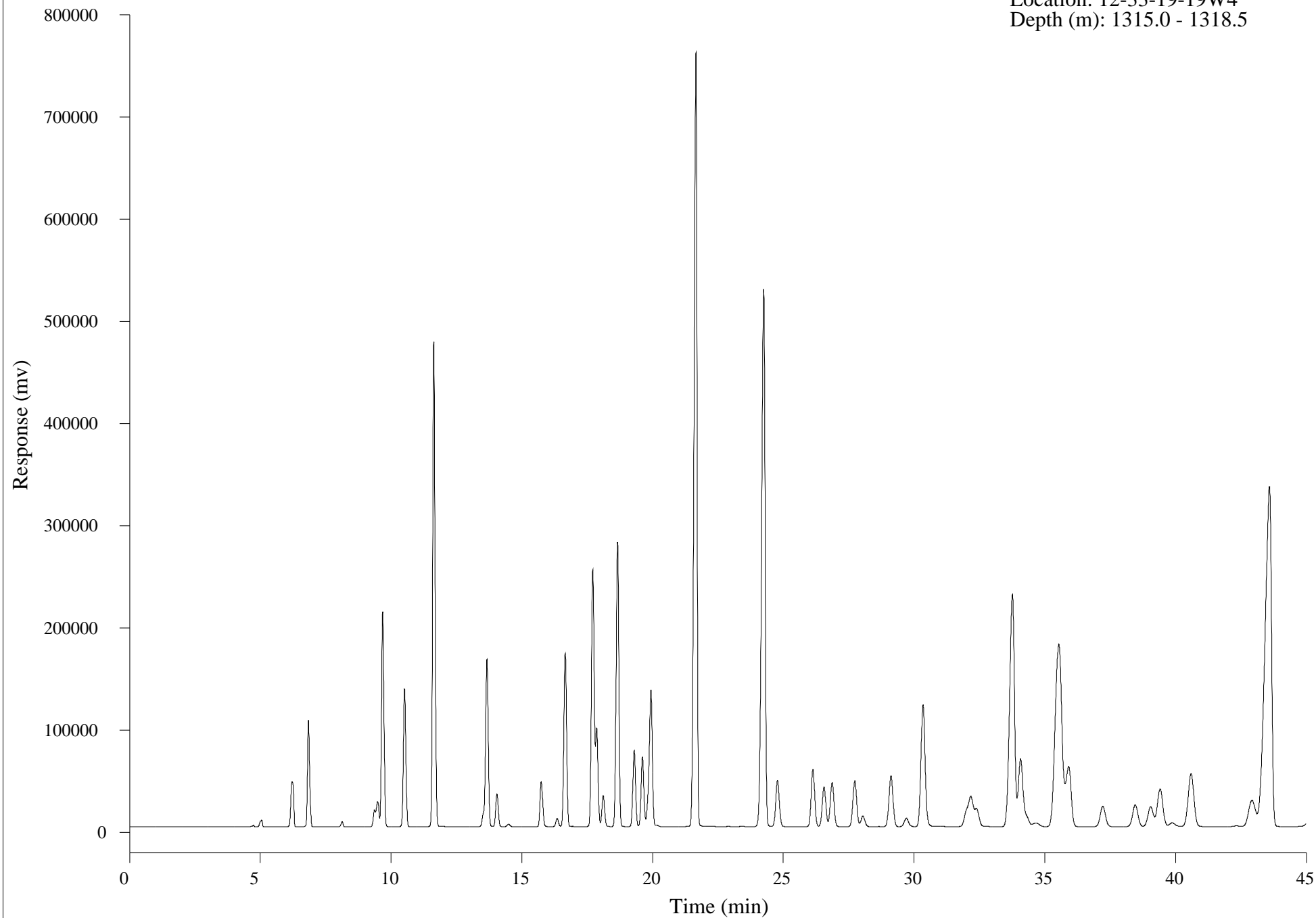
Instrument: HP 5890 GC

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

Time	Compound Name	Area	Height
6.21	iC5	332907.00	44246.56
6.84	nC5	598238.00	104271.40
8.14	22DMC4	27410.00	5034.36
9.37	CYC5	89893.00	16553.85
9.49	23DMC4	176303.00	24651.60
9.68	2MC5	1356363.00	210357.21
10.52	3MC5	898986.00	134936.16
11.64	nC6	2994930.00	474805.24
13.55	22DMC5	72916.00	17839.00
13.67	MCYC5	1138143.00	163487.00
14.05	24DMC5	213891.00	31840.52
14.49	223TMC4	17102.00	2465.50
15.74	BEN	315851.00	43880.00
16.36	33DMC5	56946.00	8075.07
16.66	CYC6	1228369.00	169639.38
17.72	2MC6	1873675.00	251503.64
17.87	23DMC5	611412.00	96552.77
18.12	11DMCYC5	223002.00	30570.13
18.66	3MC6	2011522.00	278368.51
19.30	1c3DMCYC5	543016.00	74367.95
19.62	1t3DMCYC5	502114.00	67967.86
19.94	1t2DMCYC5	1145310.00	133359.56
21.66	nC7	5905523.00	757913.79
24.25	MCYC6	4856672.00	526491.08
24.78	22DMC6	428083.00	45076.35
26.14	ECYC5	528714.00	56037.10
26.56	25DMC6	378519.00	38911.87
26.87	24DMC6	427369.00	43288.05
27.74	223TMC5	461623.00	44719.20
29.71	234TMC5	94720.00	8246.31
30.35	TOL	1325872.00	118995.93
33.77	2MC7	2958942.00	227361.76
35.92	3MC7	817328.00	58691.78
42.93	1c4DMCYC6	464730.00	25863.75
43.59	nC8	5901519.00	333110.04

Gasoline Gas Chromatogram

Lab Id: L01939
GSC No: C-558522
Location: 12-33-19-19W4
Depth (m): 1315.0 - 1318.5



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, 1996.

Sample ID: L01939

GSC Catalog No: C-558522

Acquisition Date: 1996-03-05

Location: 12-33-19-19W4

UWI: 100123301919W400

Upper Depth (m): 1315.0

Lower Depth (m): 1318.5

Fraction: saturate

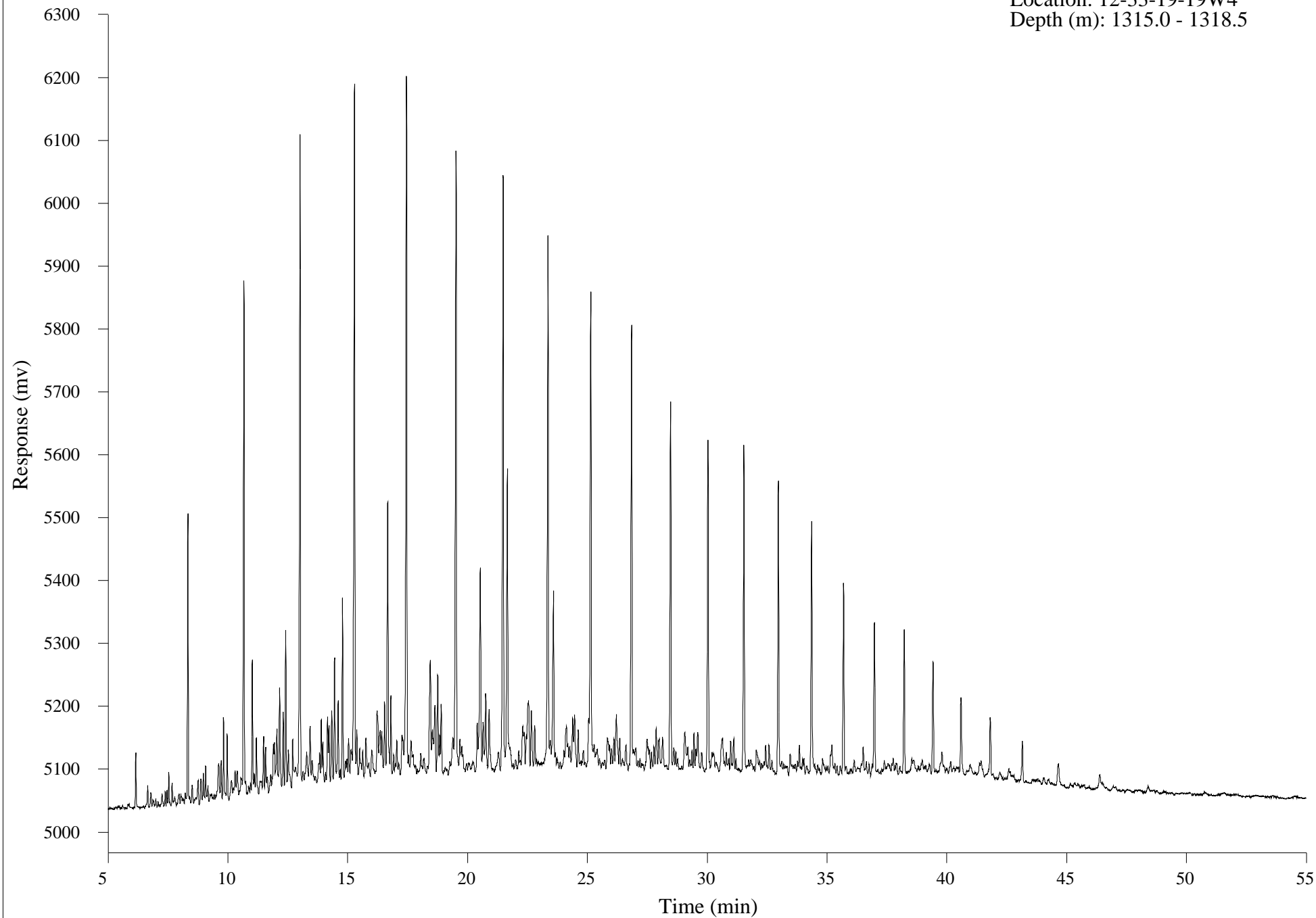
Instrument: Varian 3800 GC

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

Time	Compound Name	Area	Height
6.16	C10	167.42	87.57
8.33	C11	954.85	452.90
10.67	C12	1965.50	800.35
13.01	C13	2848.48	1028.45
15.28	C14	3220.33	1091.81
17.45	C15	3366.22	1097.04
19.52	C16	3022.92	986.60
21.49	C17	3082.08	948.78
21.66	Pr	1791.31	480.53
23.36	C18	2426.34	809.14
23.59	Ph	829.28	265.65
25.15	C19	2498.80	738.43
26.85	C20	1997.00	682.63
28.48	C21	1827.60	587.64
30.04	C22	1631.41	520.79
31.54	C23	1484.25	516.38
32.97	C24	1281.43	462.47
34.36	C25	1136.06	391.00
35.70	C26	910.29	299.64
36.98	C27	740.47	235.96
38.23	C28	645.66	227.59
39.43	C29	550.71	178.64
40.60	C30	426.64	119.57
41.81	C31	289.23	89.53
43.16	C32	210.92	63.53

Saturated Hydrocarbons Gas Chromatogram

Lab Id: L01939
GSC No: C-558522
Location: 12-33-19-19W4
Depth (m): 1315.0 - 1318.5



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, 1996.

Sample ID: L01939

GSC Catalog No: C-558522

Acquisition Date: 1996-04-02

Location: 12-33-19-19W4

UWI: 100123301919W400

Upper Depth (m): 1315.0

Lower Depth (m): 1318.5

Fraction: saturate

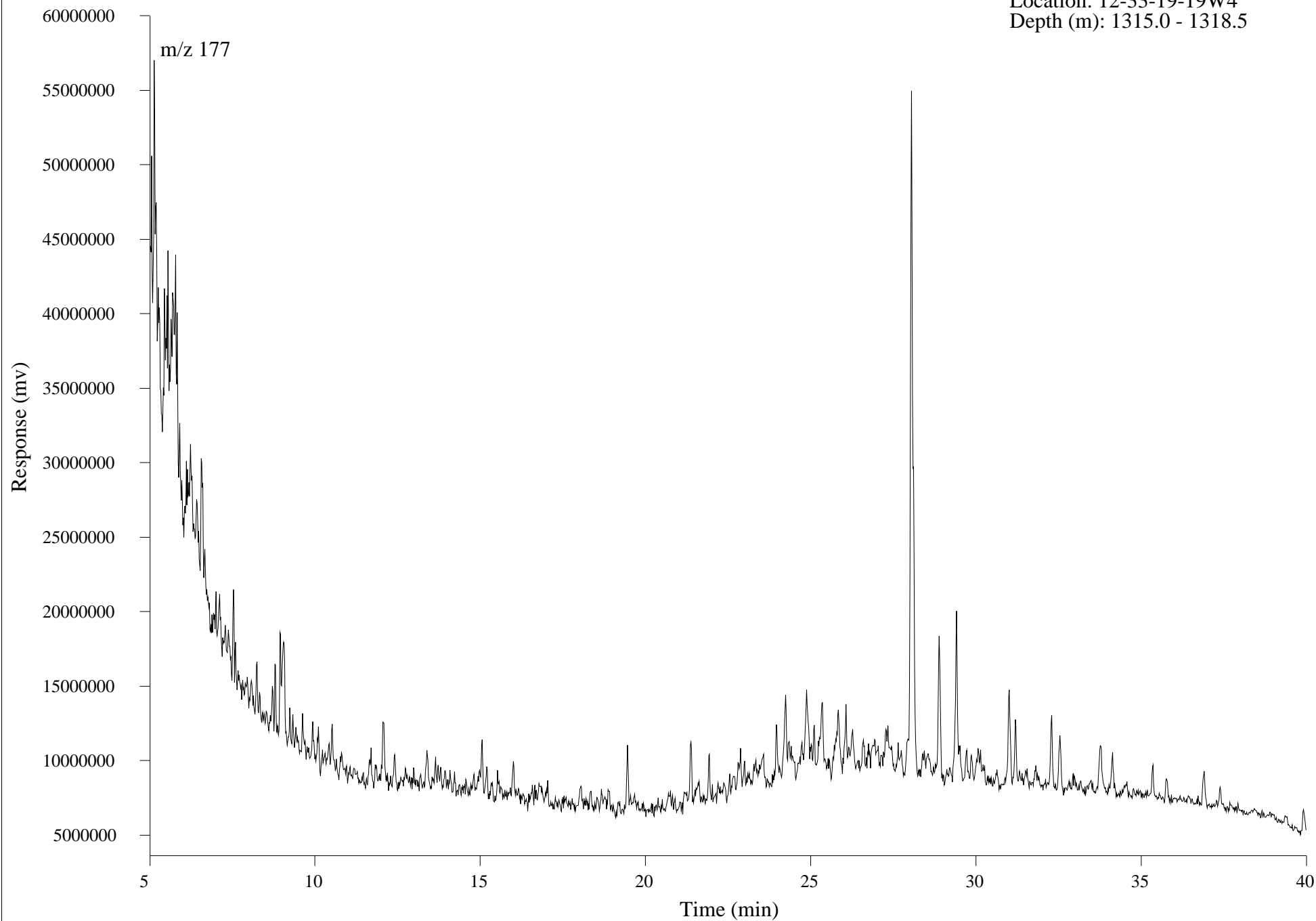
Instrument: HP 5890 GC/VG70SQ MS

MS Mode: Selected Ion Monitoring + EI

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

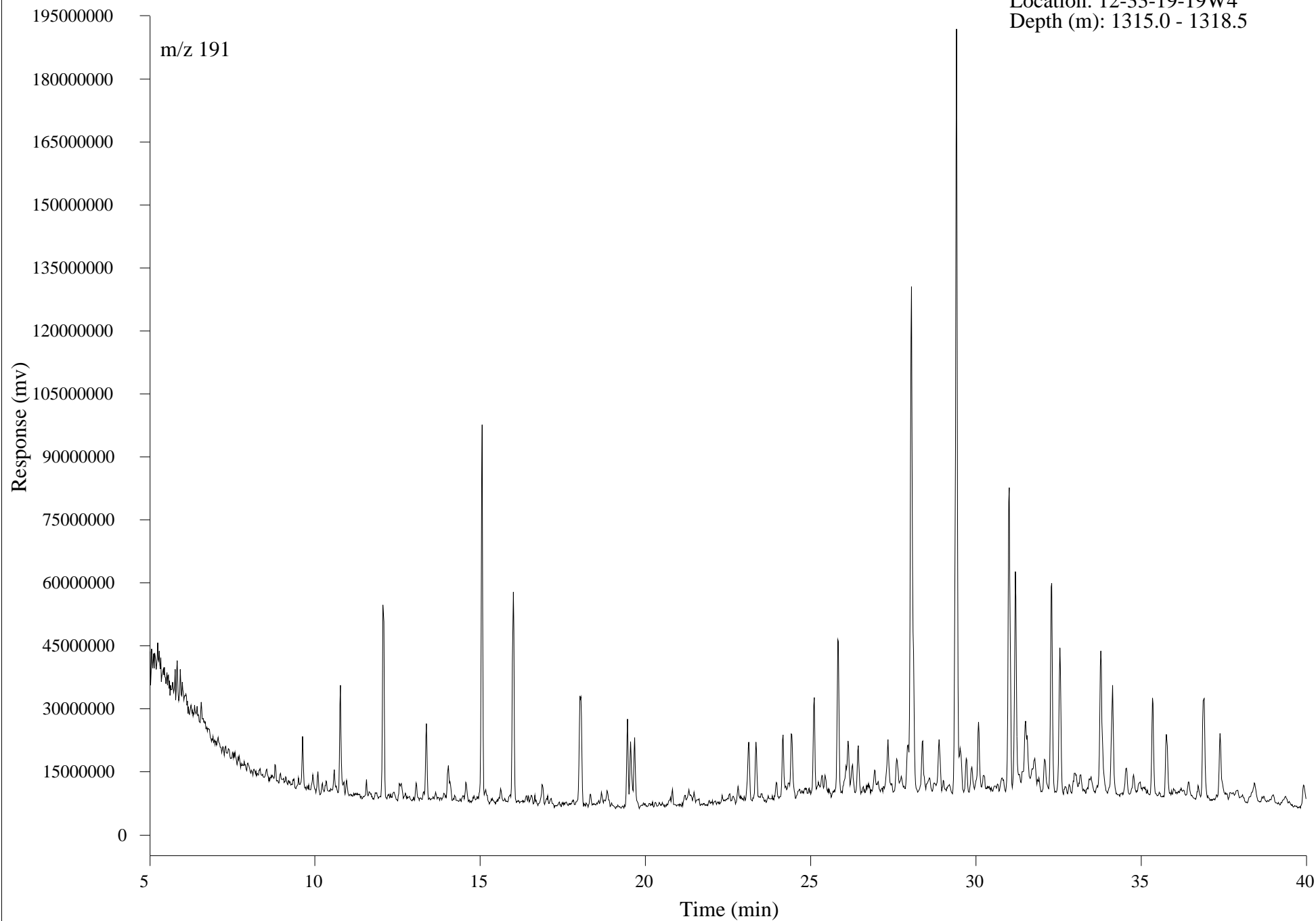
Saturated Hydrocarbons Mass Chromatogram

Lab Id: L01939
GSC No: C-558522
Location: 12-33-19-19W4
Depth (m): 1315.0 - 1318.5



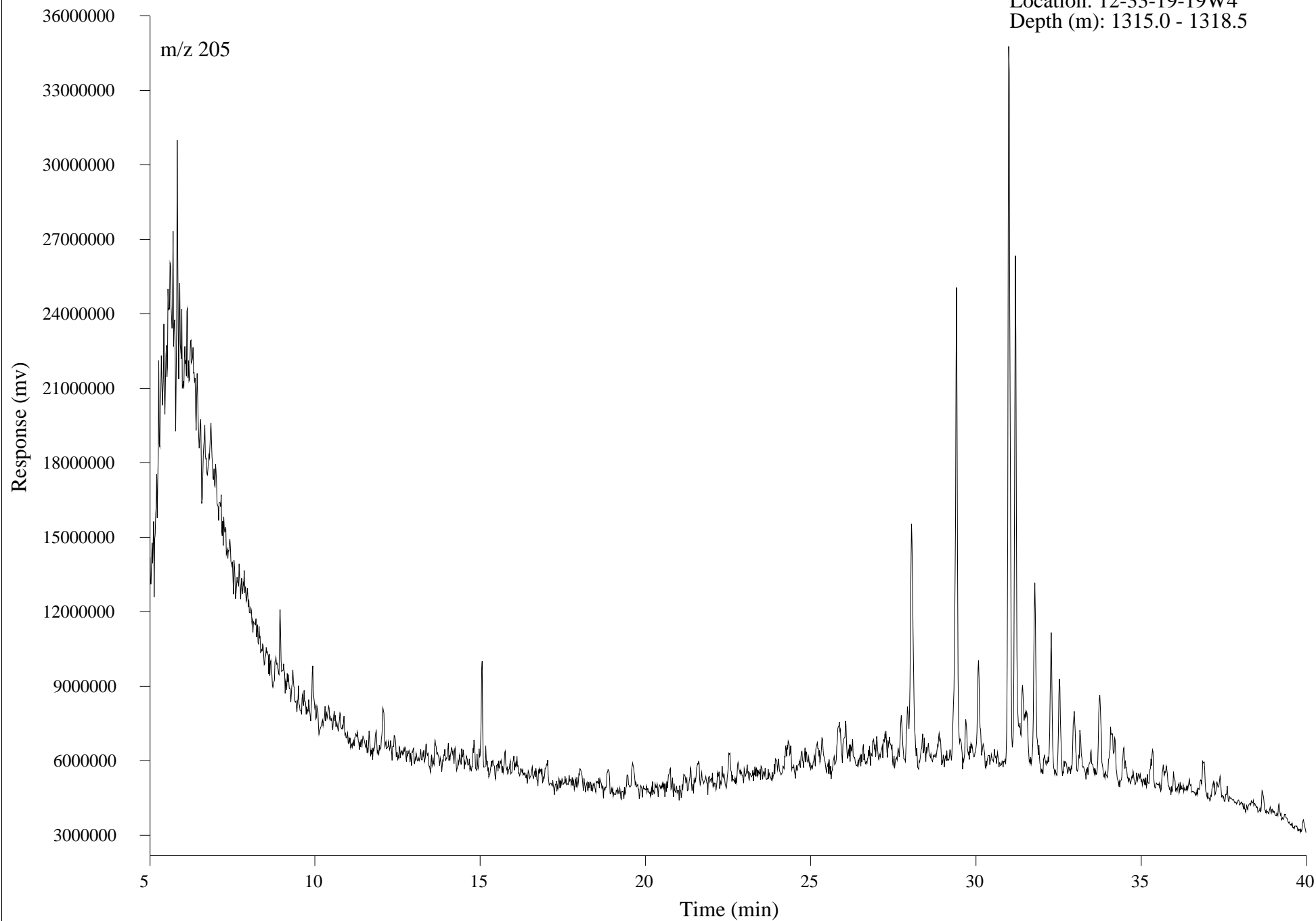
Saturated Hydrocarbons Mass Chromatogram

Lab Id: L01939
GSC No: C-558522
Location: 12-33-19-19W4
Depth (m): 1315.0 - 1318.5



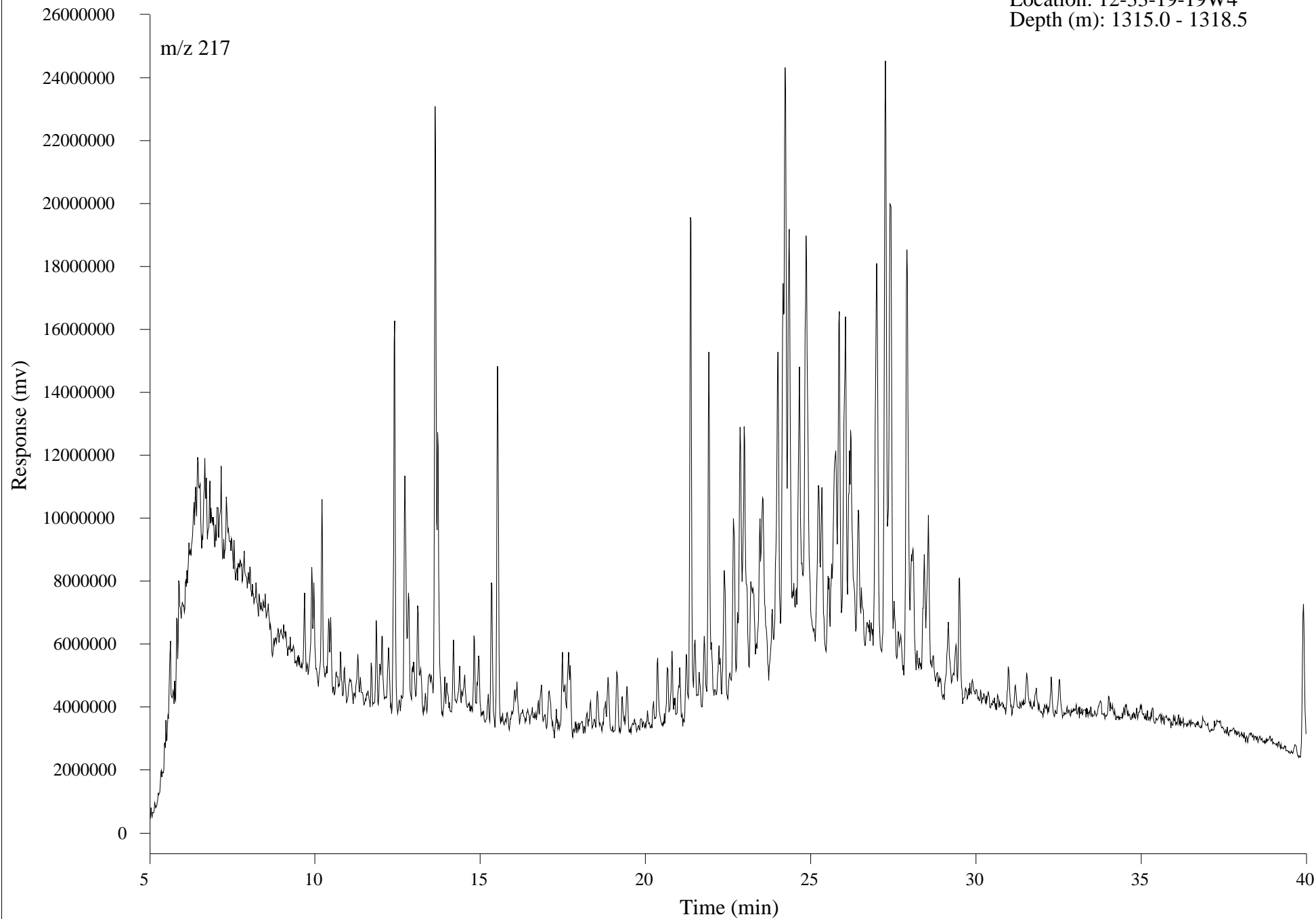
Saturated Hydrocarbons Mass Chromatogram

Lab Id: L01939
GSC No: C-558522
Location: 12-33-19-19W4
Depth (m): 1315.0 - 1318.5



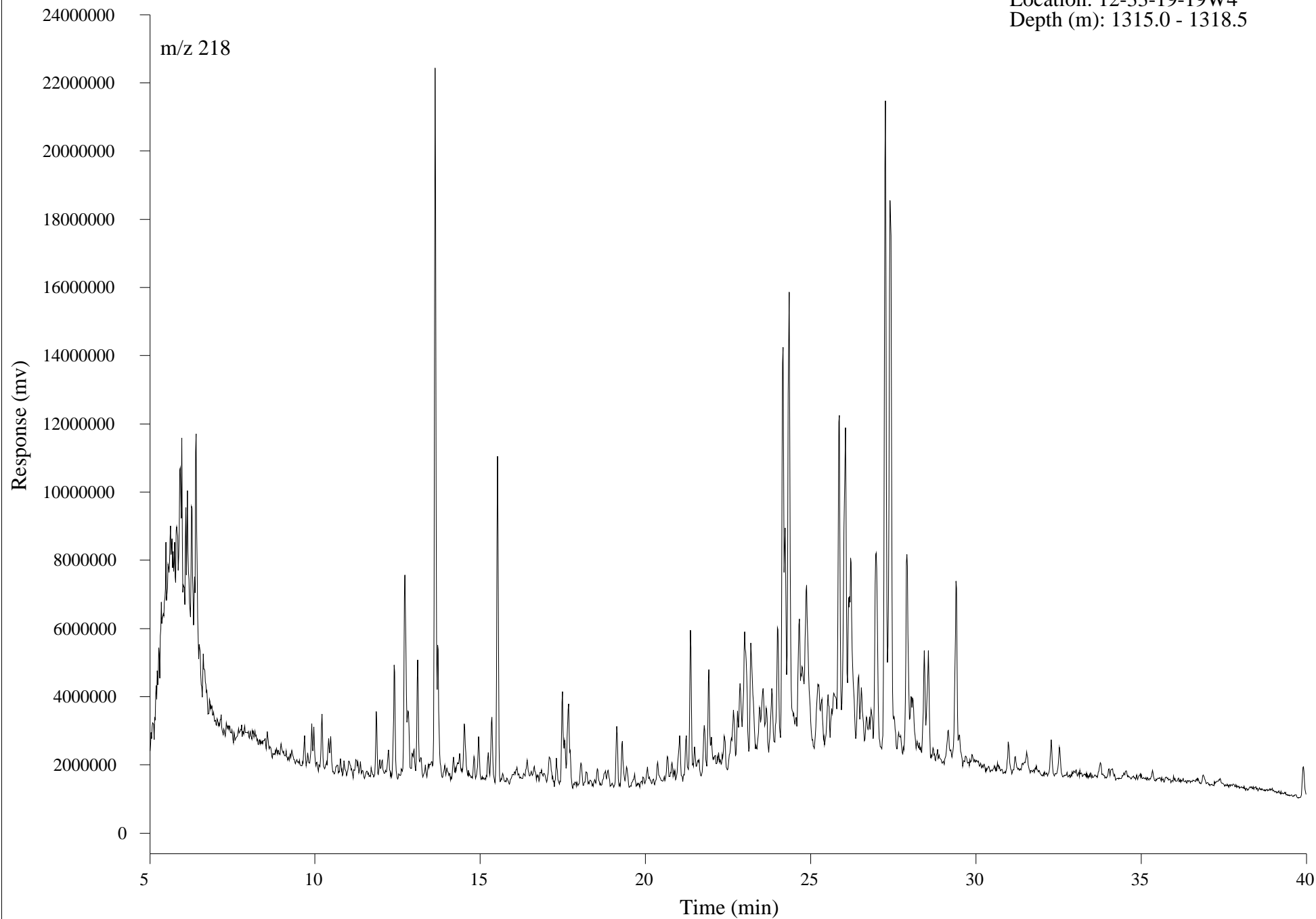
Saturated Hydrocarbons Mass Chromatogram

Lab Id: L01939
GSC No: C-558522
Location: 12-33-19-19W4
Depth (m): 1315.0 - 1318.5



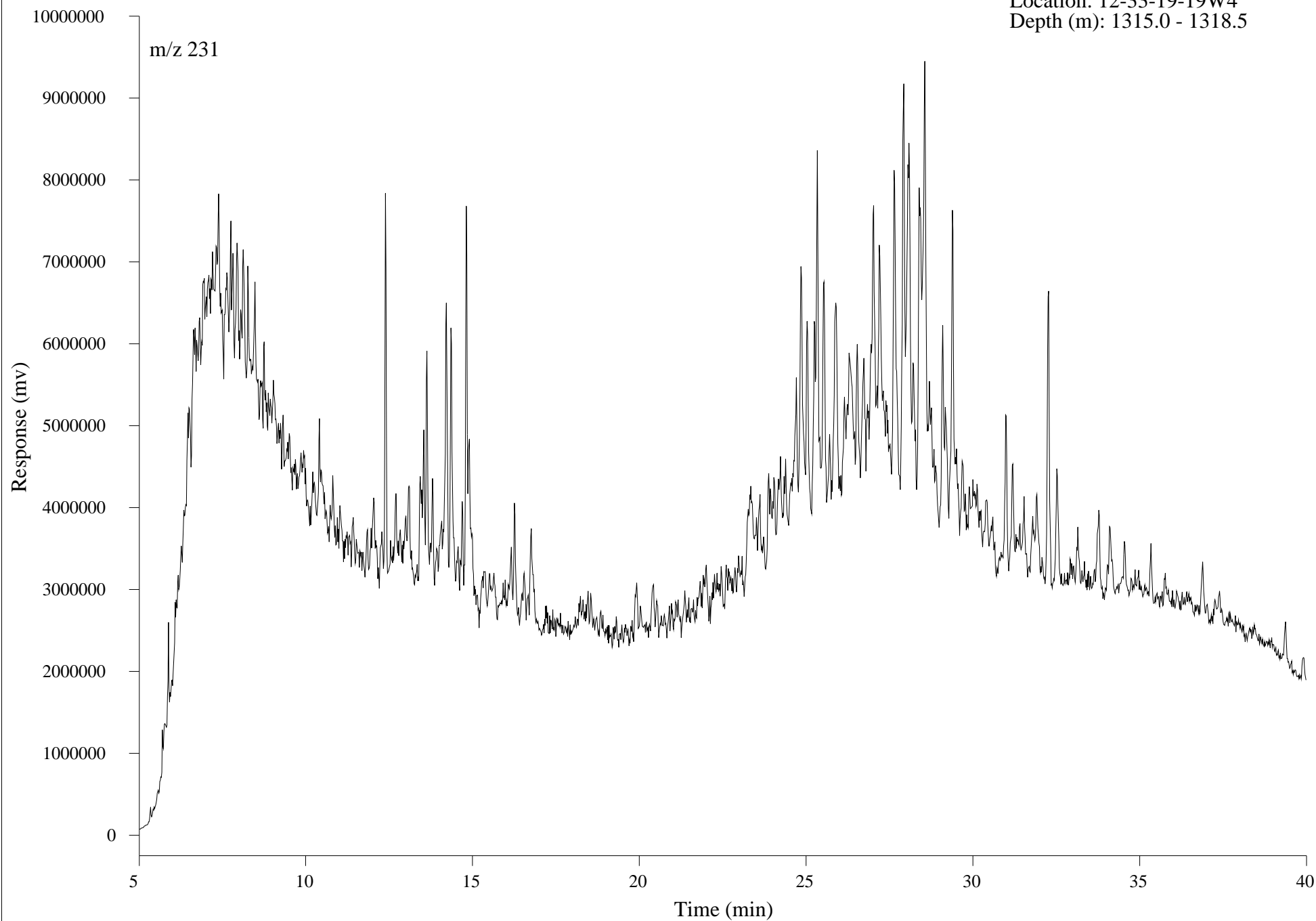
Saturated Hydrocarbons Mass Chromatogram

Lab Id: L01939
GSC No: C-558522
Location: 12-33-19-19W4
Depth (m): 1315.0 - 1318.5



Saturated Hydrocarbons Mass Chromatogram

Lab Id: L01939
GSC No: C-558522
Location: 12-33-19-19W4
Depth (m): 1315.0 - 1318.5



Saturated Hydrocarbons Mass Chromatogram

Lab Id: L01939
GSC No: C-558522
Location: 12-33-19-19W4
Depth (m): 1315.0 - 1318.5

