

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: L02457

GSC Catalog No: C-558740

Acquisition Date: 1997-09-11

Location: 6-16-15-19W4

UWI: 100061601519W400

Upper Depth (m): 1186.5

Lower Depth (m): 1189.5

Fraction: gasoline

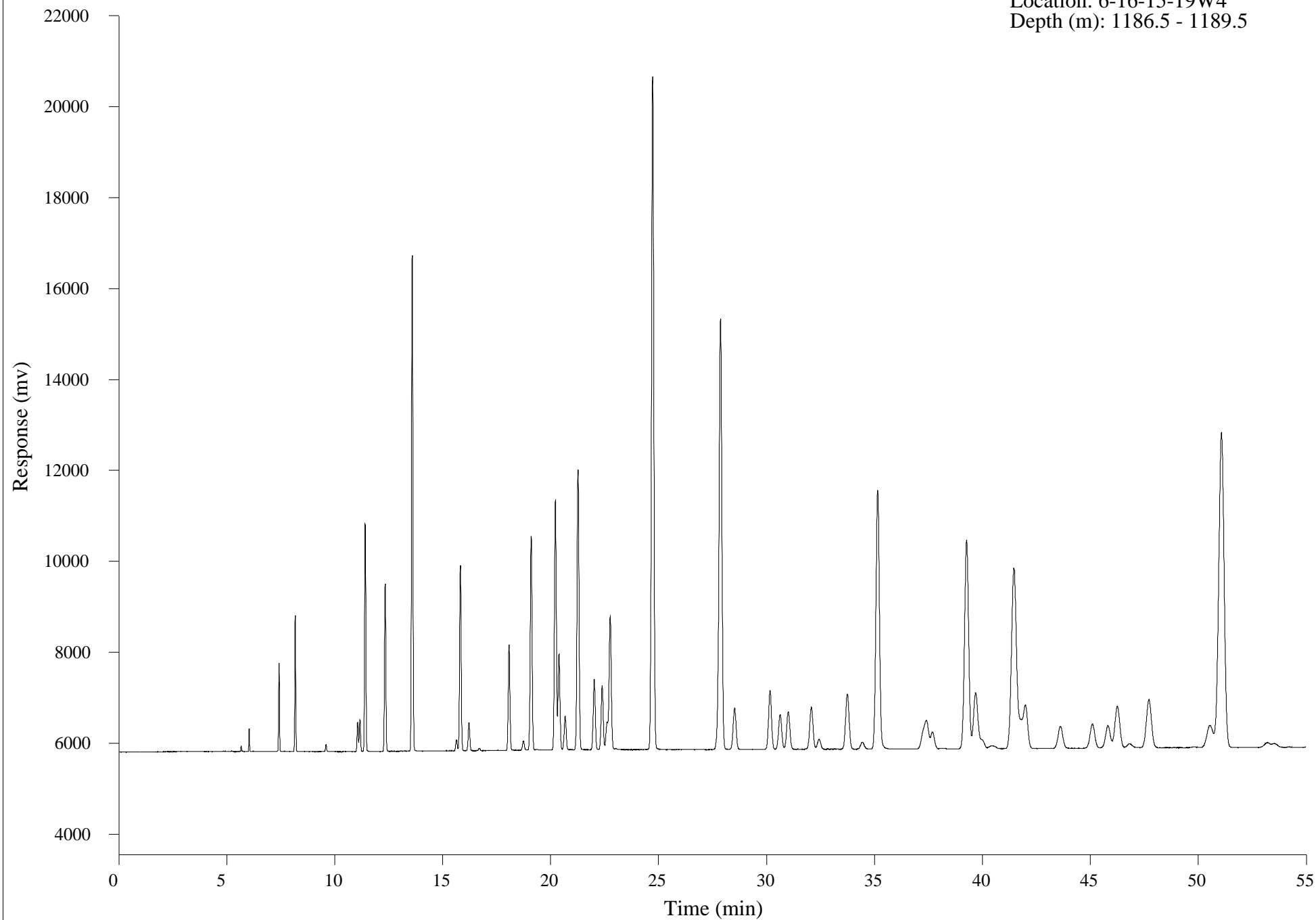
Instrument: HP 5890 GC

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

Time	Compound Name	Area	Height
7.42	iC5	5433.00	1949.12
8.17	nC5	8573.00	2999.05
9.60	22DMC4	580.00	156.00
11.06	CYC5	2508.00	649.85
11.17	23DMC4	2893.00	697.56
11.41	2MC5	19869.00	5006.57
12.34	3MC5	15829.00	3693.40
13.59	nC6	47178.00	10907.29
15.64	22DMC5	1243.00	242.13
15.82	MCYC5	20623.00	4081.98
16.22	24DMC5	3259.00	621.90
16.71	223TMC4	278.00	49.95
18.08	BEN	12274.00	2326.17
18.74	33DMC5	1202.00	203.17
19.10	CYC6	27302.00	4712.37
20.22	2MC6	32389.00	5488.61
20.39	23DMC5	12855.00	2101.39
20.67	11DMCYC5	4740.00	733.26
21.27	3MC6	39146.00	6175.01
22.02	1c3DMCYC5	10212.00	1549.02
22.39	1t3DMCYC5	9475.00	1408.82
22.76	1t2DMCYC5	21277.00	2917.72
24.73	nC7	109259.00	14808.76
27.87	MCYC6	86926.00	9467.19
28.52	22DMC6	8633.00	910.11
30.16	ECYC5	12276.00	1288.92
30.63	25DMC6	7681.00	754.10
31.01	24DMC6	8490.00	830.83
32.08	223TMC5	9772.00	923.65
34.45	234TMC5	1593.00	144.72
35.15	TOL	64150.00	5692.77
39.27	2MC7	58683.00	4535.56
41.99	3MC7	15099.00	955.33
50.54	1c4DMCYC6	8918.00	483.48
51.07	nC8	121007.00	6928.65

Gasoline Gas Chromatogram

Lab Id: L02457
GSC No: C-558740
Location: 6-16-15-19W4
Depth (m): 1186.5 - 1189.5



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Sample ID: L02457

GSC Catalog No: C-558740

Acquisition Date: 1997-09-15

Location: 6-16-15-19W4

UWI: 100061601519W400

Upper Depth (m): 1186.5

Lower Depth (m): 1189.5

Fraction: saturate

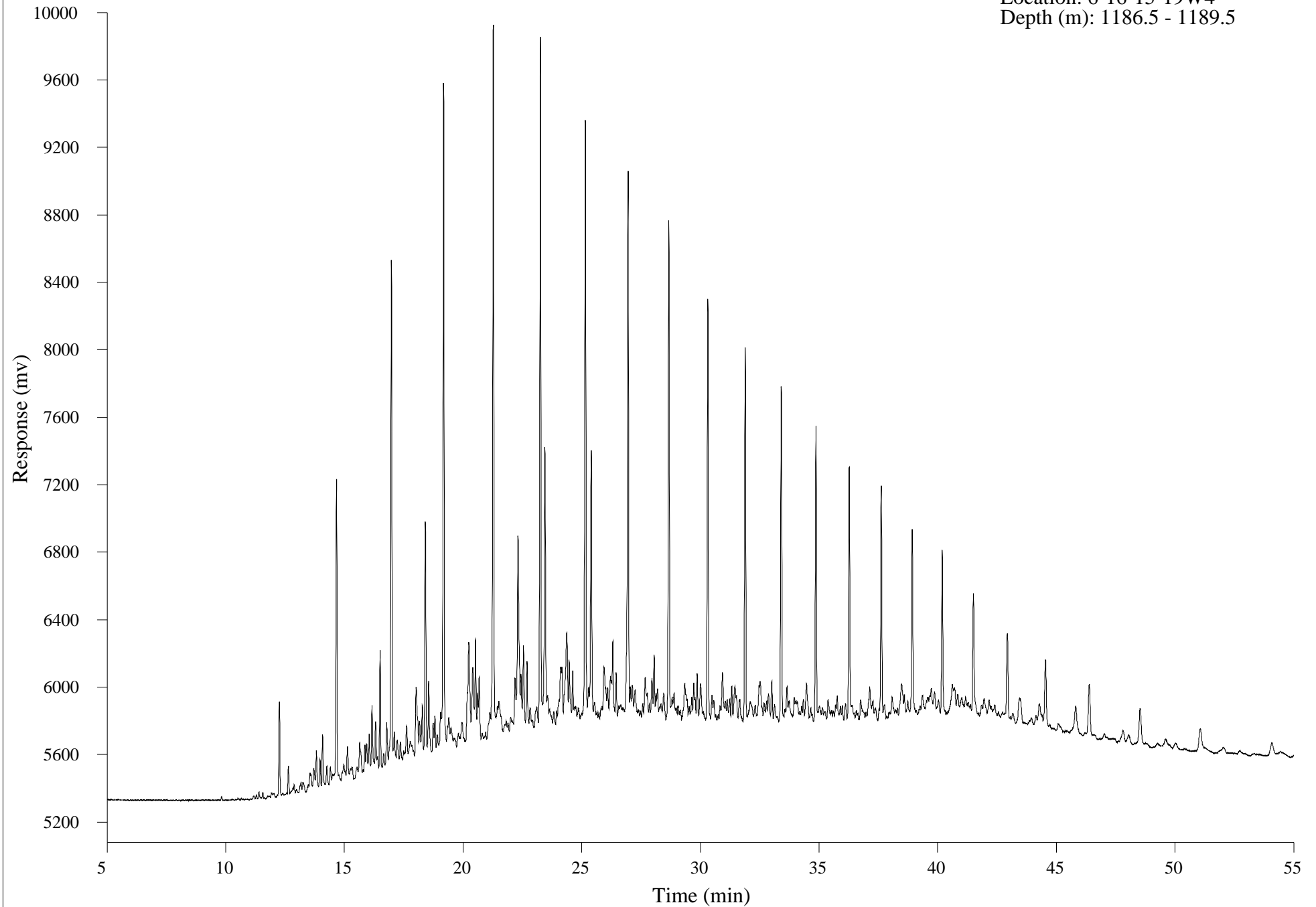
Instrument: Varian 3800 GC

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

Time	Compound Name	Area	Height
9.83	C11	77.56	23.58
12.26	C12	1630.06	559.15
14.67	C13	5168.25	1766.38
16.99	C14	9391.14	2976.52
19.19	C15	12441.50	3931.17
21.28	C16	13819.68	4241.67
23.26	C17	13214.85	4101.78
23.45	Pr	6622.75	1649.14
25.16	C18	11685.82	3546.11
25.41	Ph	5810.93	1571.22
26.96	C19	11002.61	3195.63
28.68	C20	9268.33	2944.86
30.32	C21	7773.93	2491.70
31.89	C22	7124.14	2218.91
33.41	C23	6396.16	1980.19
34.88	C24	5587.78	1742.75
36.28	C25	4663.67	1462.98
37.63	C26	4597.63	1388.19
38.93	C27	3836.75	1093.47
40.20	C28	3486.08	976.63
41.51	C29	2734.77	701.80
42.94	C30	1945.09	489.16
44.55	C31	1932.92	395.58
46.39	C32	1603.96	299.76

Saturated Hydrocarbons Gas Chromatogram

Lab Id: L02457
GSC No: C-558740
Location: 6-16-15-19W4
Depth (m): 1186.5 - 1189.5



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,
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Sample ID: L02457

GSC Catalog No: C-558740

Acquisition Date: 1997-07-14

Location: 6-16-15-19W4

UWI: 100061601519W400

Upper Depth (m): 1186.5

Lower Depth (m): 1189.5

Fraction: saturate

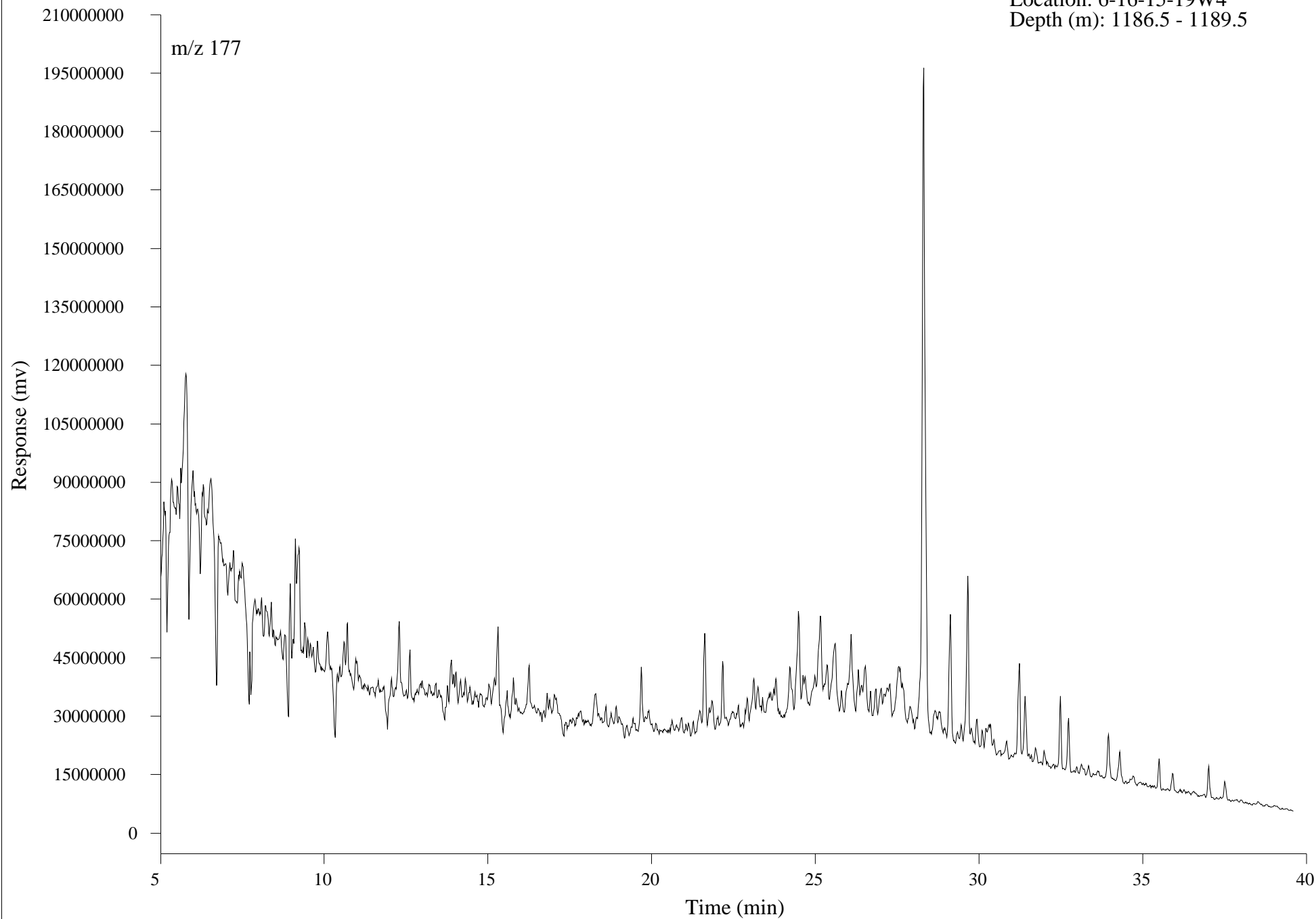
Instrument: HP 5890 GC/VG70SQ MS

MS Mode: Selected Ion Monitoring + EI

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

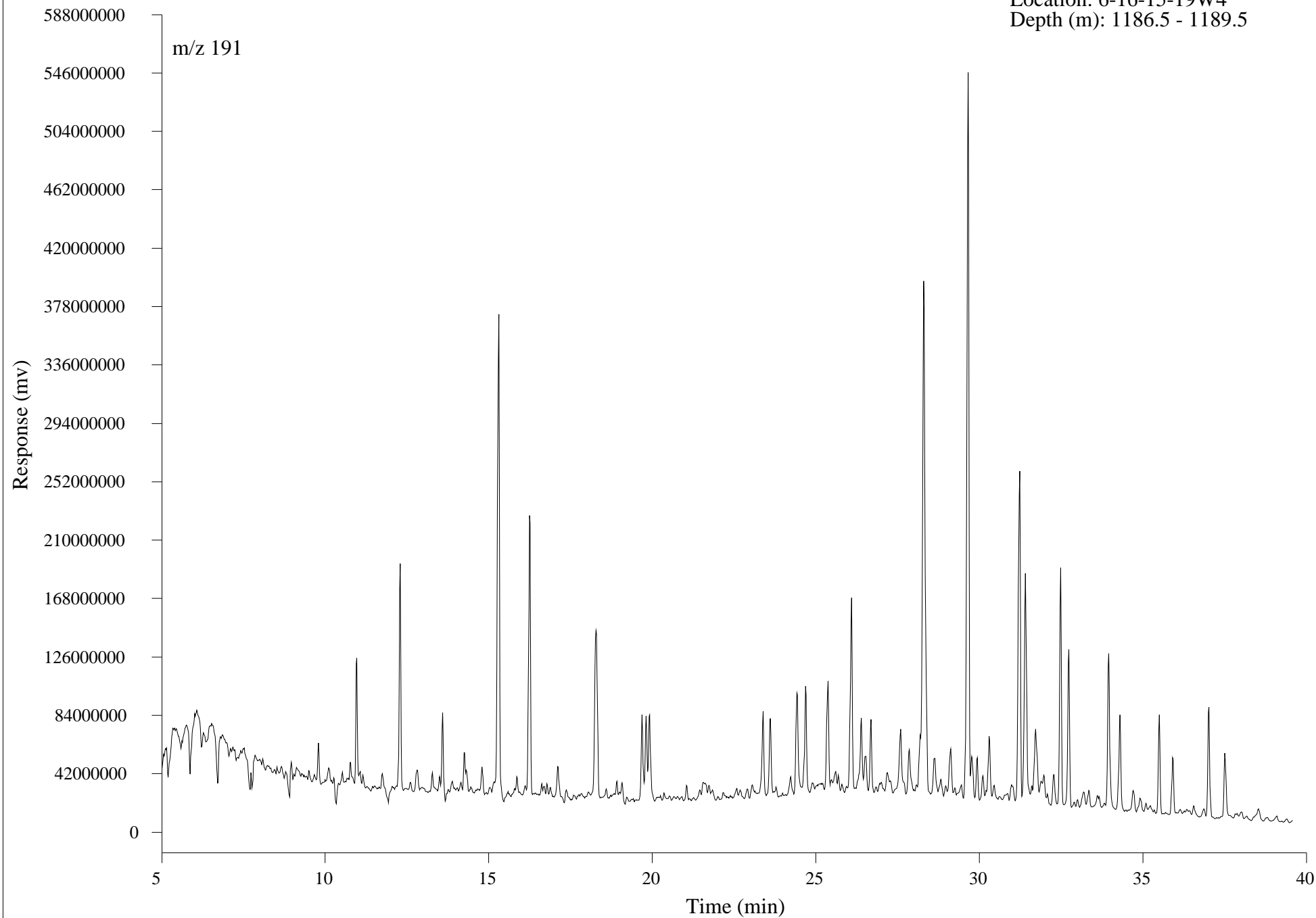
Saturated Hydrocarbons Mass Chromatogram

Lab Id: L02457
GSC No: C-558740
Location: 6-16-15-19W4
Depth (m): 1186.5 - 1189.5



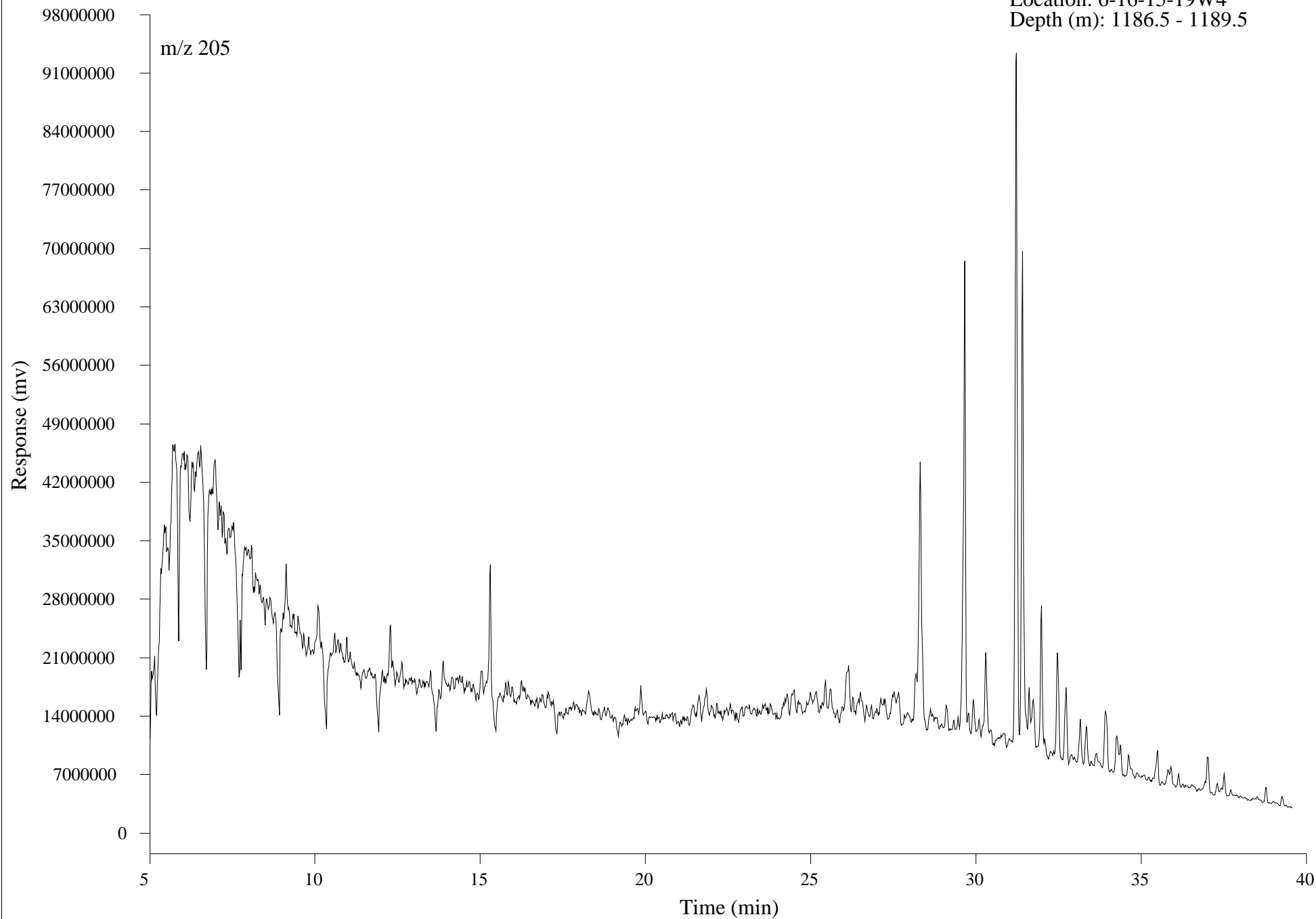
Saturated Hydrocarbons Mass Chromatogram

Lab Id: L02457
GSC No: C-558740
Location: 6-16-15-19W4
Depth (m): 1186.5 - 1189.5



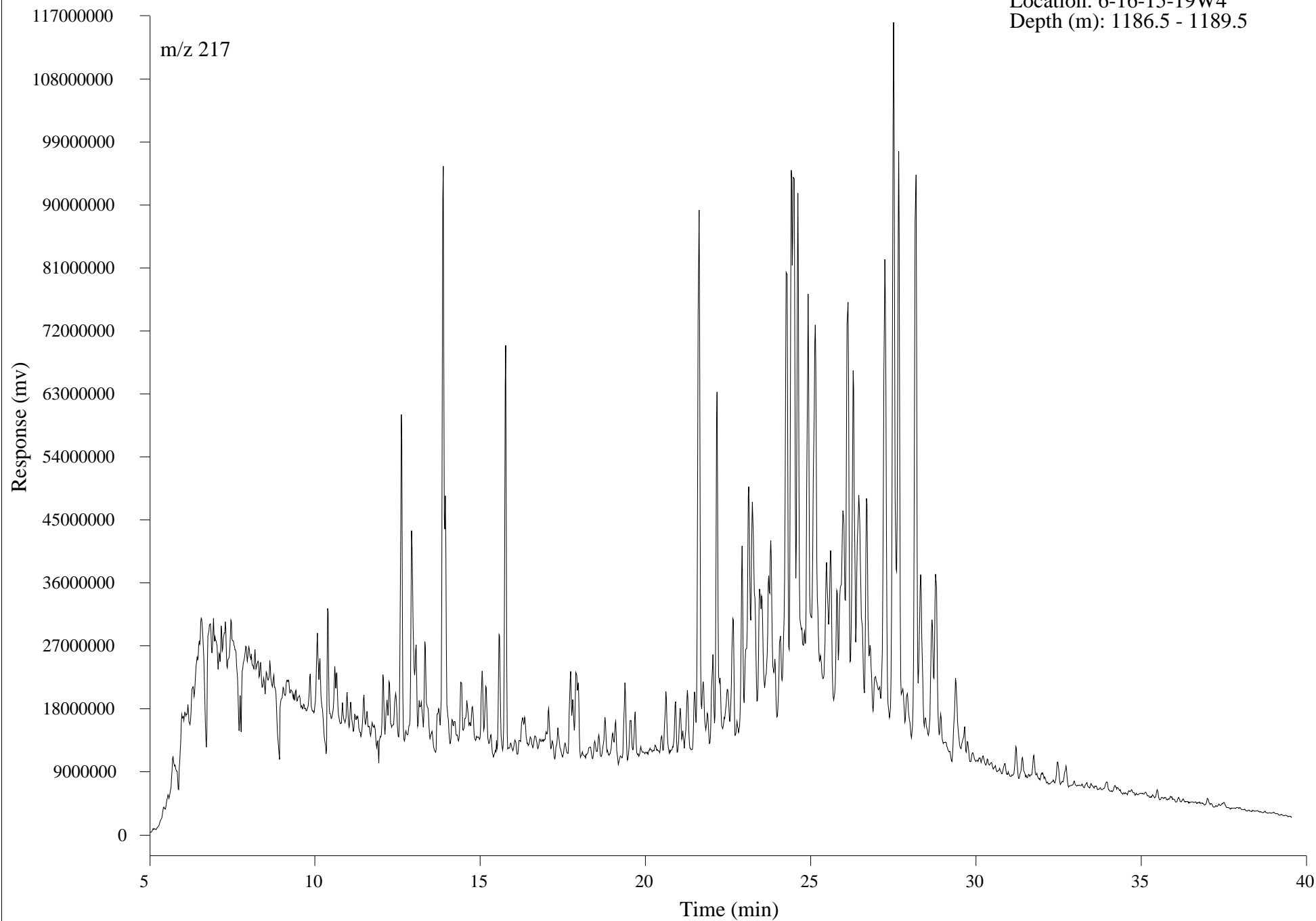
Saturated Hydrocarbons Mass Chromatogram

Lab Id: L02457
GSC No: C-558740
Location: 6-16-15-19W4
Depth (m): 1186.5 - 1189.5



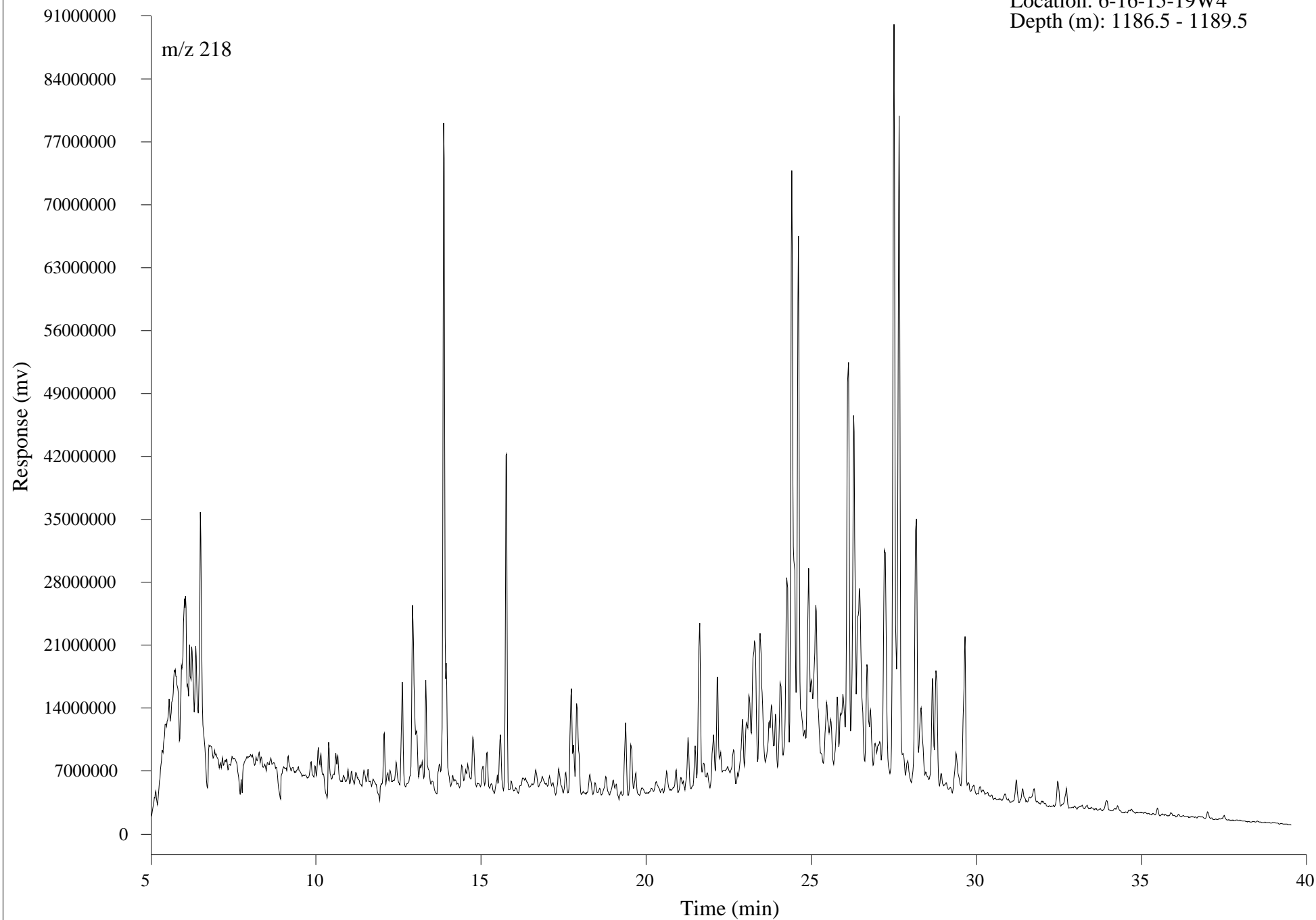
Saturated Hydrocarbons Mass Chromatogram

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Depth (m): 1186.5 - 1189.5



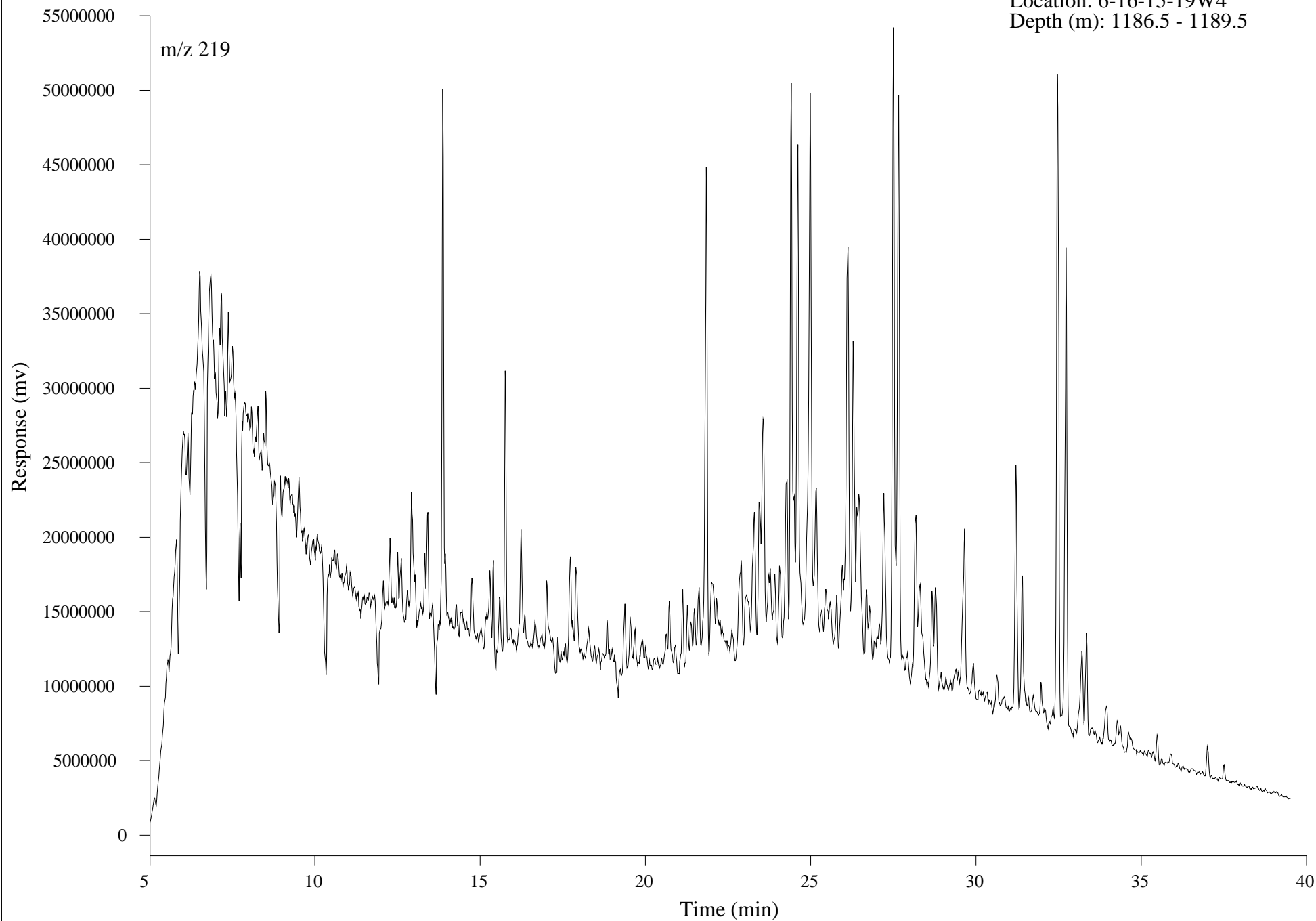
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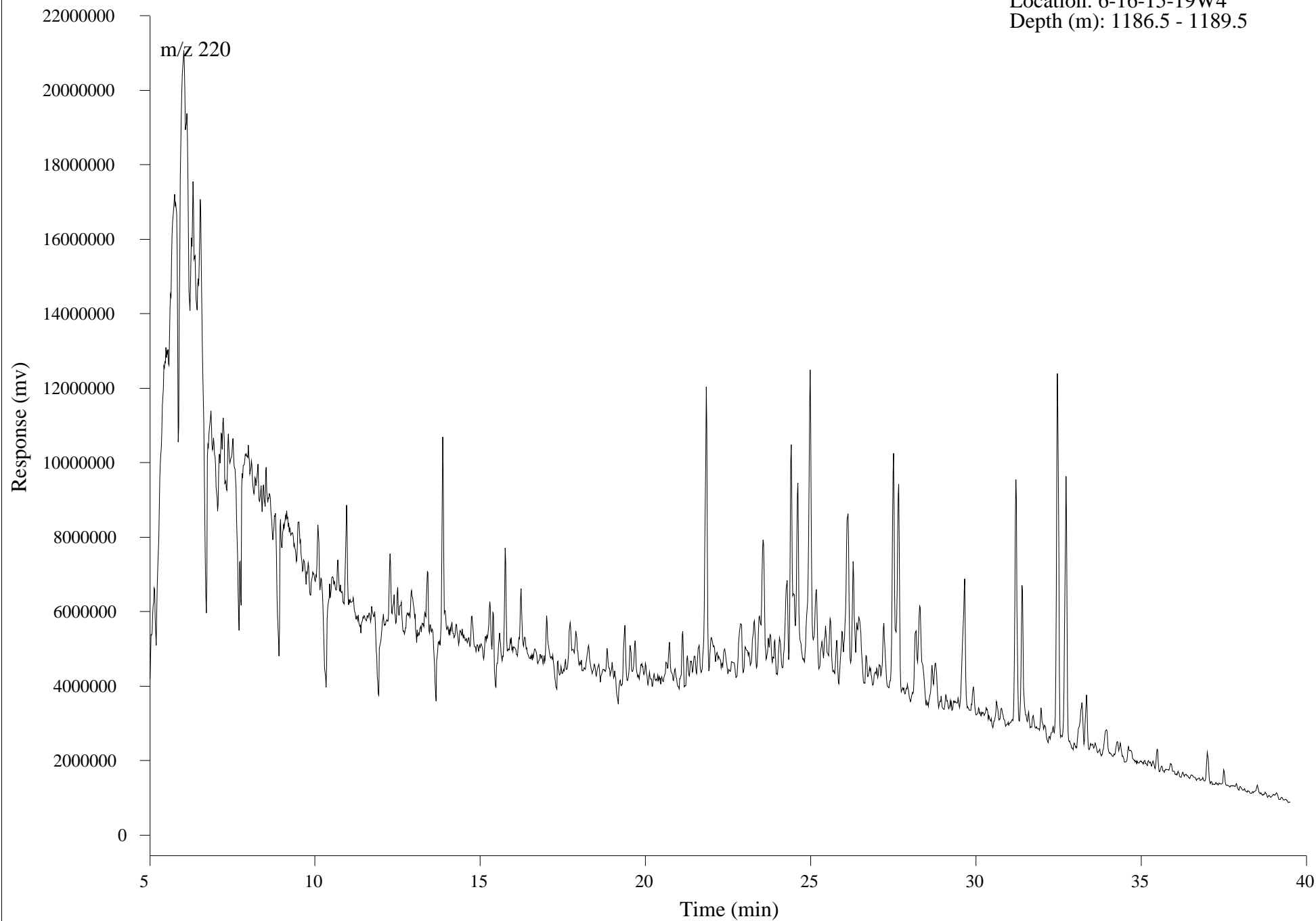
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Depth (m): 1186.5 - 1189.5



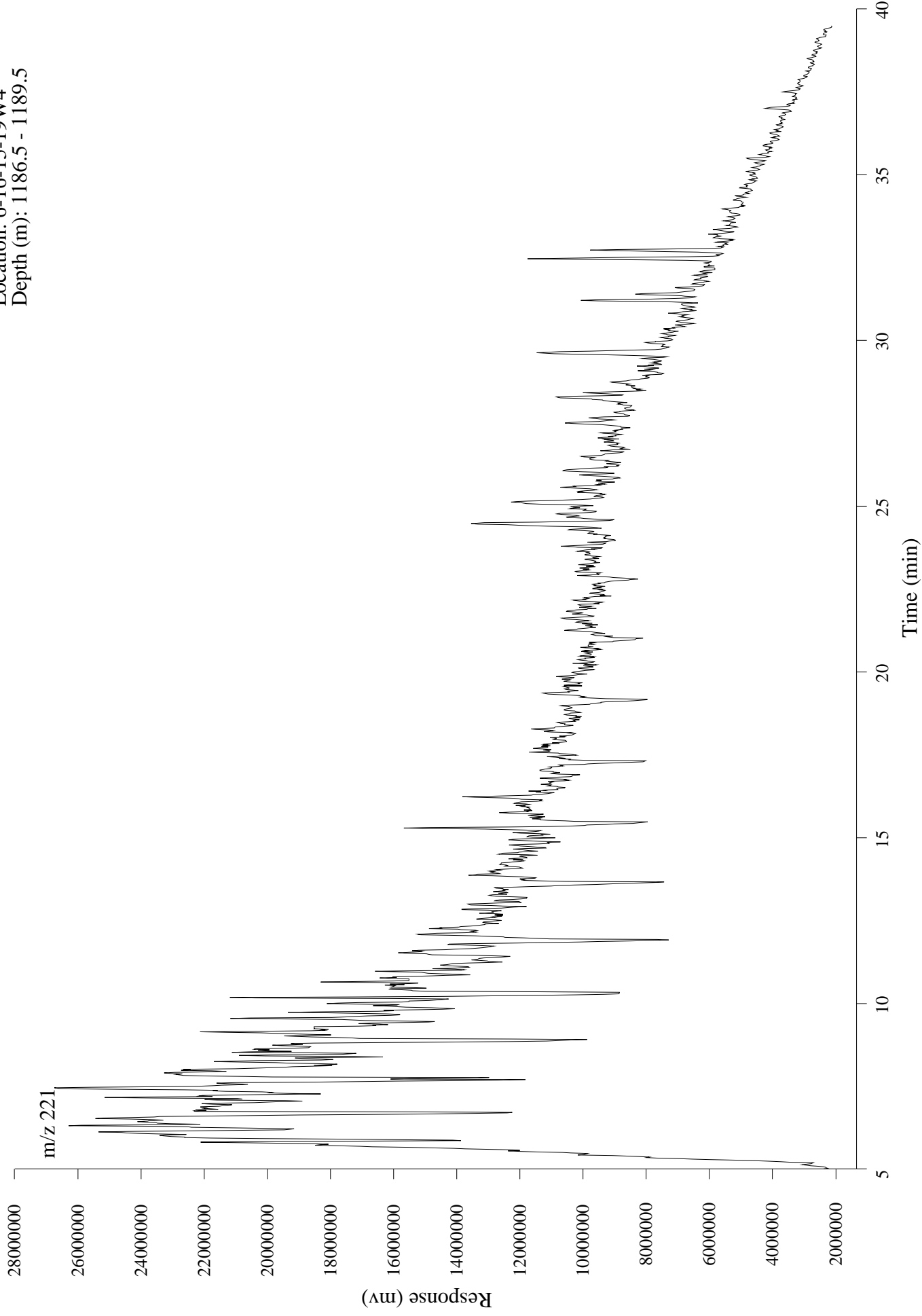
Saturated Hydrocarbons Mass Chromatogram

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GSC No: C-558740
Location: 6-16-15-19W4
Depth (m): 1186.5 - 1189.5



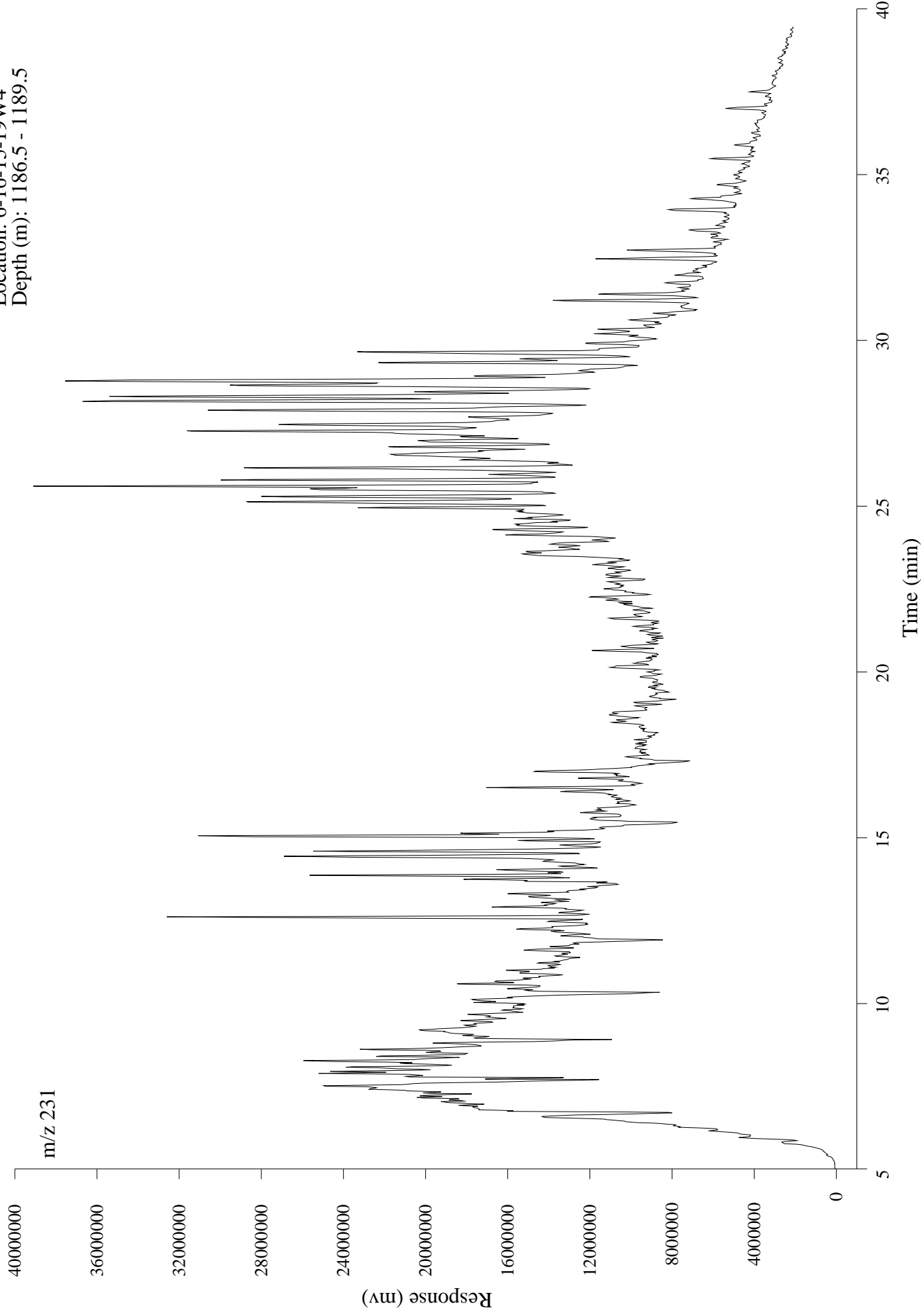
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Lab Id: L02457
GSC No: C-558740
Location: 6-16-15-19W4
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