

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: L02141

GSC Catalog No: C-558612

Acquisition Date: 1996-05-13

Location: 4-31-5-4W4

UWI: 100043100504W400

Upper Depth (m): 1189.5

Lower Depth (m): 1193.5

Fraction: gasoline

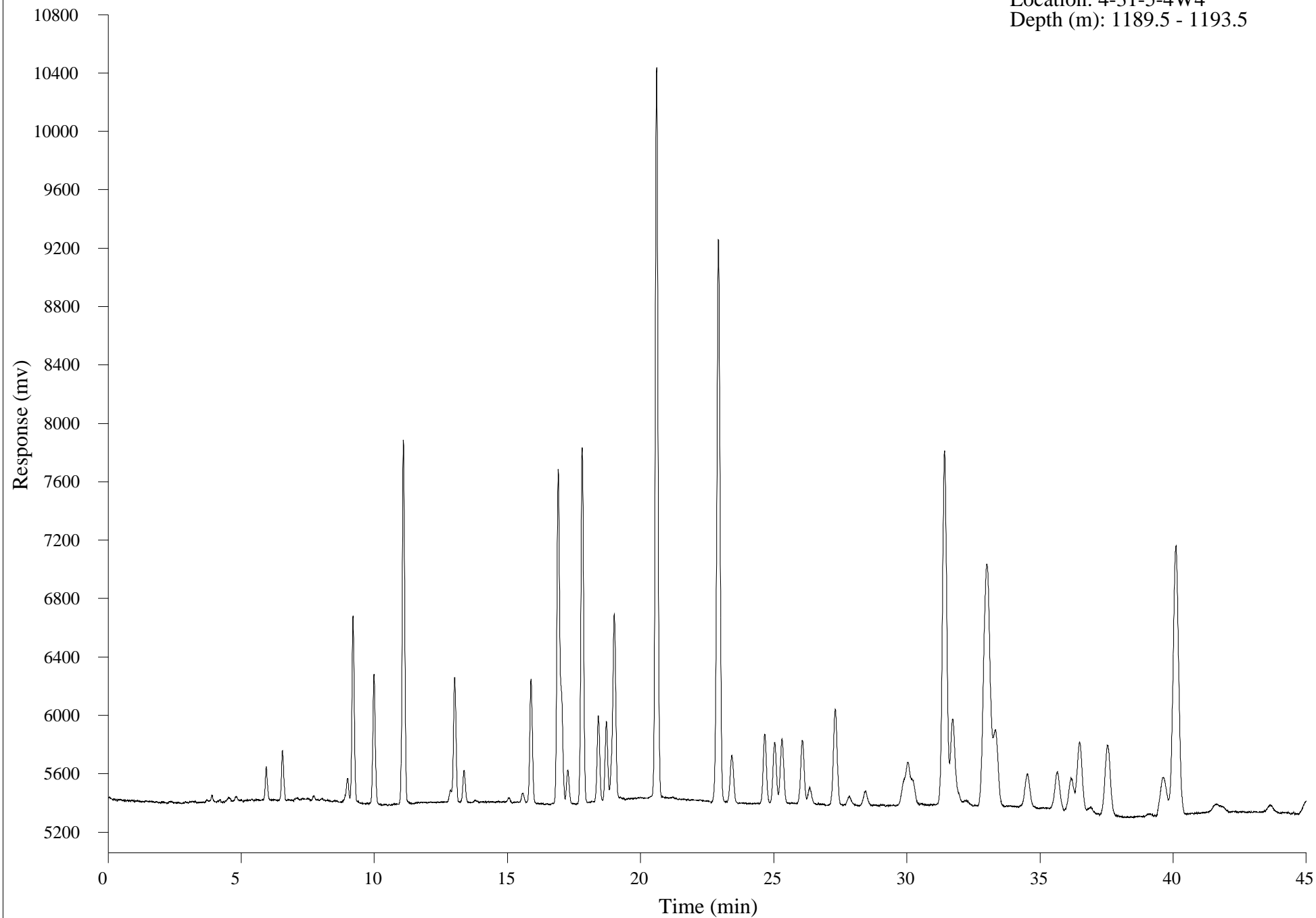
Instrument: HP 5890 GC

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

Time	Compound Name	Area	Height
5.94	iC5	1207.00	225.30
6.55	nC5	1968.00	342.71
7.73	22DMC4	53.00	12.42
8.92	CYC5	125.00	55.00
9.00	23DMC4	869.00	152.75
9.20	2MC5	7393.00	1259.21
9.99	3MC5	5514.00	887.94
11.09	nC6	15908.00	2489.74
12.86	22DMC5	457.00	81.88
13.02	MCYC5	5674.00	853.00
13.37	24DMC5	1410.00	218.04
13.79	223TMC4	108.00	17.09
15.05	BEN	175.00	29.57
15.58	33DMC5	344.00	57.12
15.89	CYC6	5722.00	843.95
16.91	2MC6	15357.00	2276.37
16.99	23DMC5	4447.00	868.71
17.27	11DMCYC5	1374.00	210.09
17.81	3MC6	17044.00	2438.47
18.42	1c3DMCYC5	4080.00	588.64
18.72	1t3DMCYC5	3746.00	538.28
19.01	1t2DMCYC5	10412.00	1265.45
20.60	nC7	34566.00	4989.47
22.92	MCYC6	32389.00	3855.07
23.43	22DMC6	2799.00	316.62
24.67	ECYC5	3979.00	472.44
25.04	25DMC6	3675.00	416.72
25.31	24DMC6	3944.00	437.00
26.08	223TMC5	3851.00	427.69
27.83	234TMC5	567.00	58.36
28.46	TOL	1017.00	99.47
31.42	2MC7	26848.00	2413.32
33.33	3MC7	5805.00	523.16
39.63	1c4DMCYC6	4310.00	262.34
40.11	nC8	26835.00	1839.81

Gasoline Gas Chromatogram

Lab Id: L02141
GSC No: C-558612
Location: 4-31-5-4W4
Depth (m): 1189.5 - 1193.5



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Sample ID: L02141

GSC Catalog No: C-558612

Acquisition Date: 1996-11-01

Location: 4-31-5-4W4

UWI: 100043100504W400

Upper Depth (m): 1189.5

Lower Depth (m): 1193.5

Fraction: saturate

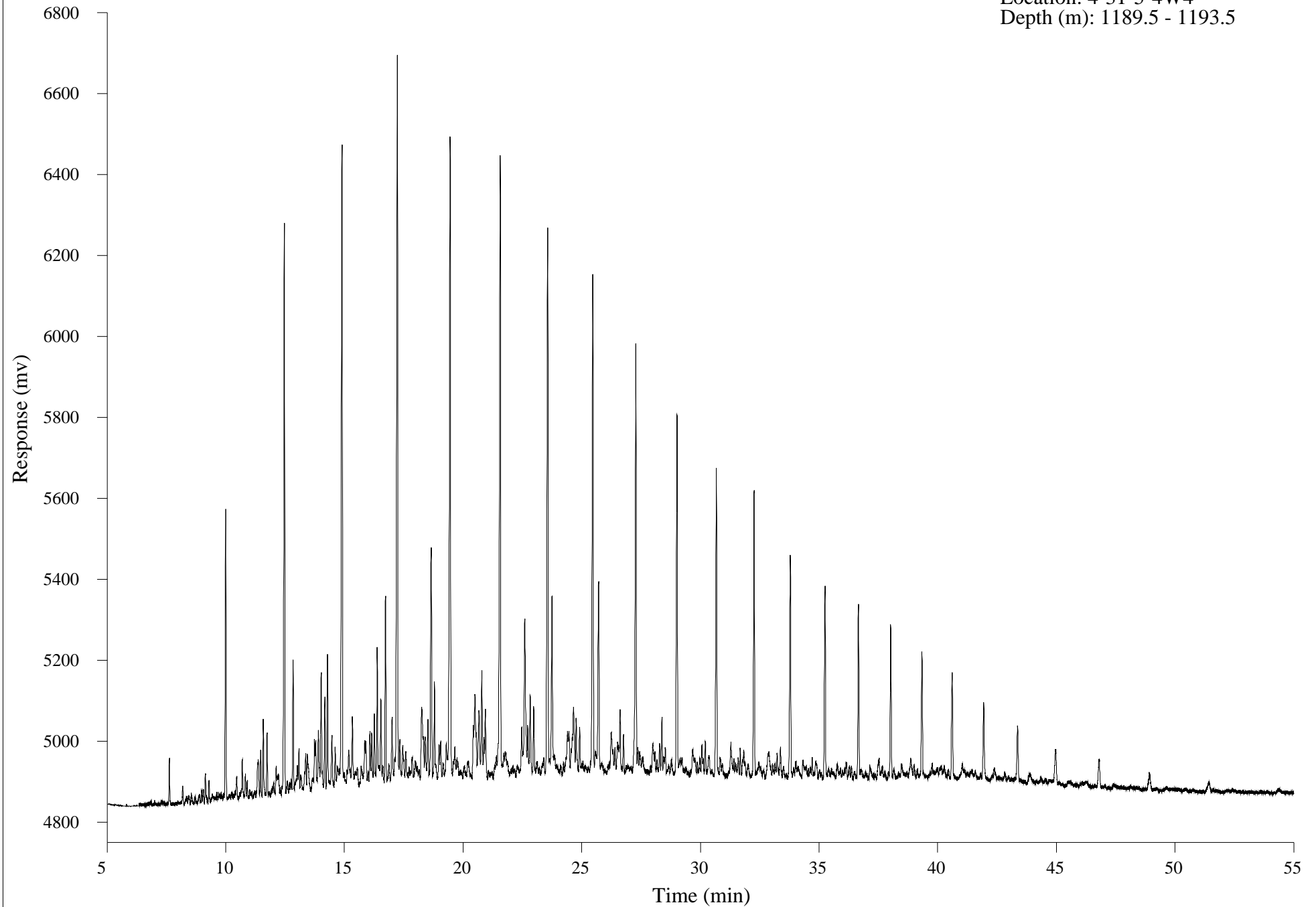
Instrument: Varian 3800 GC

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

Time	Compound Name	Area	Height
7.63	C10	278.43	119.50
10.00	C11	1705.97	724.94
12.47	C12	3821.48	1416.39
14.90	C13	4640.86	1556.56
17.23	C14	5524.32	1784.74
19.46	C15	5457.53	1579.41
21.57	C16	4876.15	1532.15
23.57	C17	4293.42	1331.42
23.75	Pr	1228.93	412.34
25.47	C18	3753.03	1229.16
25.72	Ph	1527.60	465.04
27.28	C19	3367.00	1059.01
29.02	C20	2732.97	883.36
30.68	C21	2333.78	752.34
32.27	C22	1979.90	705.81
33.80	C23	1778.58	552.26
35.26	C24	1467.00	468.22
36.67	C25	1219.62	426.51
38.02	C26	1101.71	379.13
39.34	C27	918.99	306.46
40.62	C28	851.19	260.86
41.95	C29	726.52	191.10
43.37	C30	515.75	135.29
44.97	C31	421.84	85.27
46.81	C32	370.09	71.53

Saturated Hydrocarbons Gas Chromatogram

Lab Id: L02141
GSC No: C-558612
Location: 4-31-5-4W4
Depth (m): 1189.5 - 1193.5



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

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Sample ID: L02141

GSC Catalog No: C-558612

Acquisition Date: 1996-11-21

Location: 4-31-5-4W4

UWI: 100043100504W400

Upper Depth (m): 1189.5

Lower Depth (m): 1193.5

Fraction: saturate

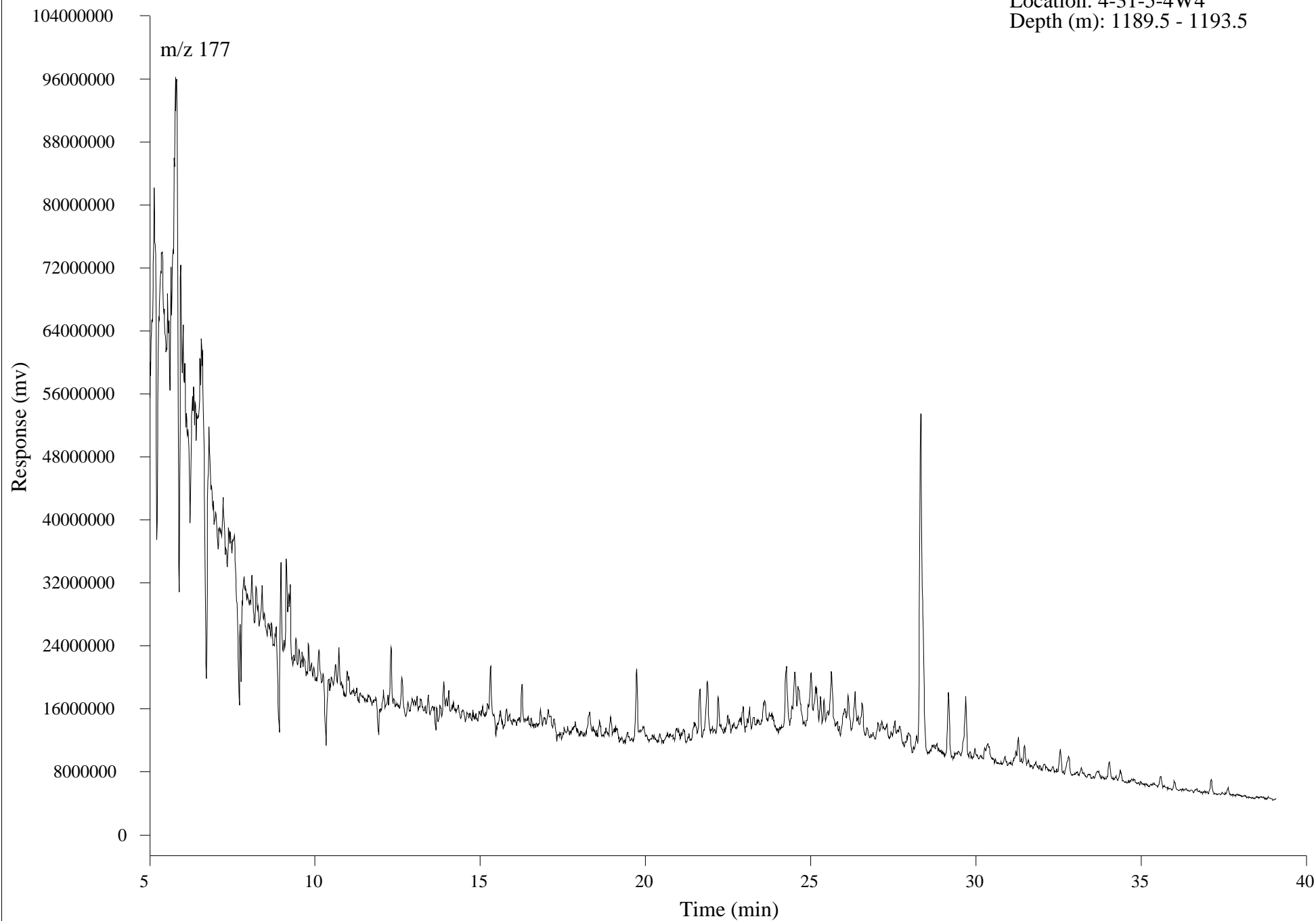
Instrument: HP 5890 GC/VG70SQ MS

MS Mode: Selected Ion Monitoring + EI

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

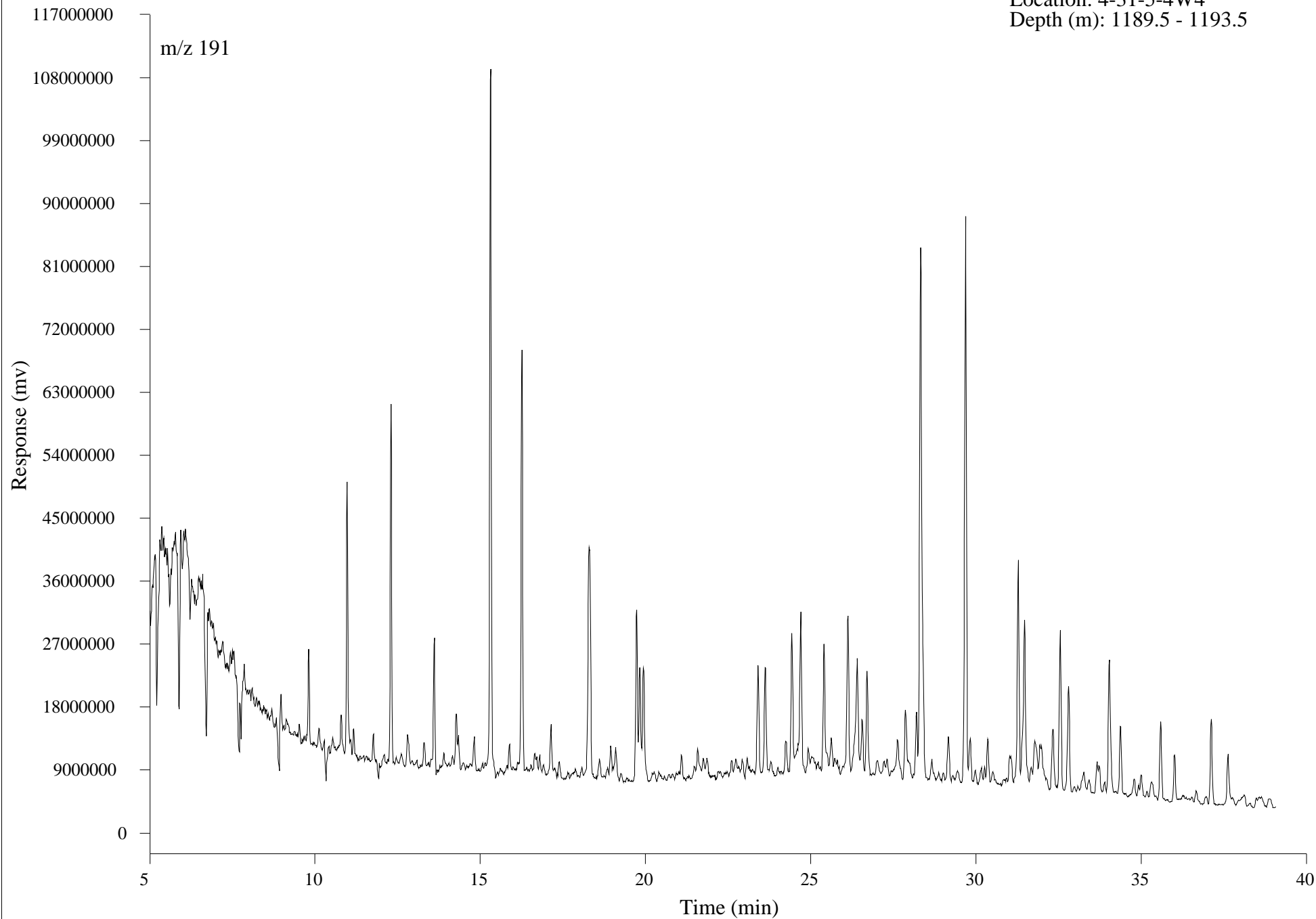
Saturated Hydrocarbons Mass Chromatogram

Lab Id: L02141
GSC No: C-558612
Location: 4-31-5-4W4
Depth (m): 1189.5 - 1193.5



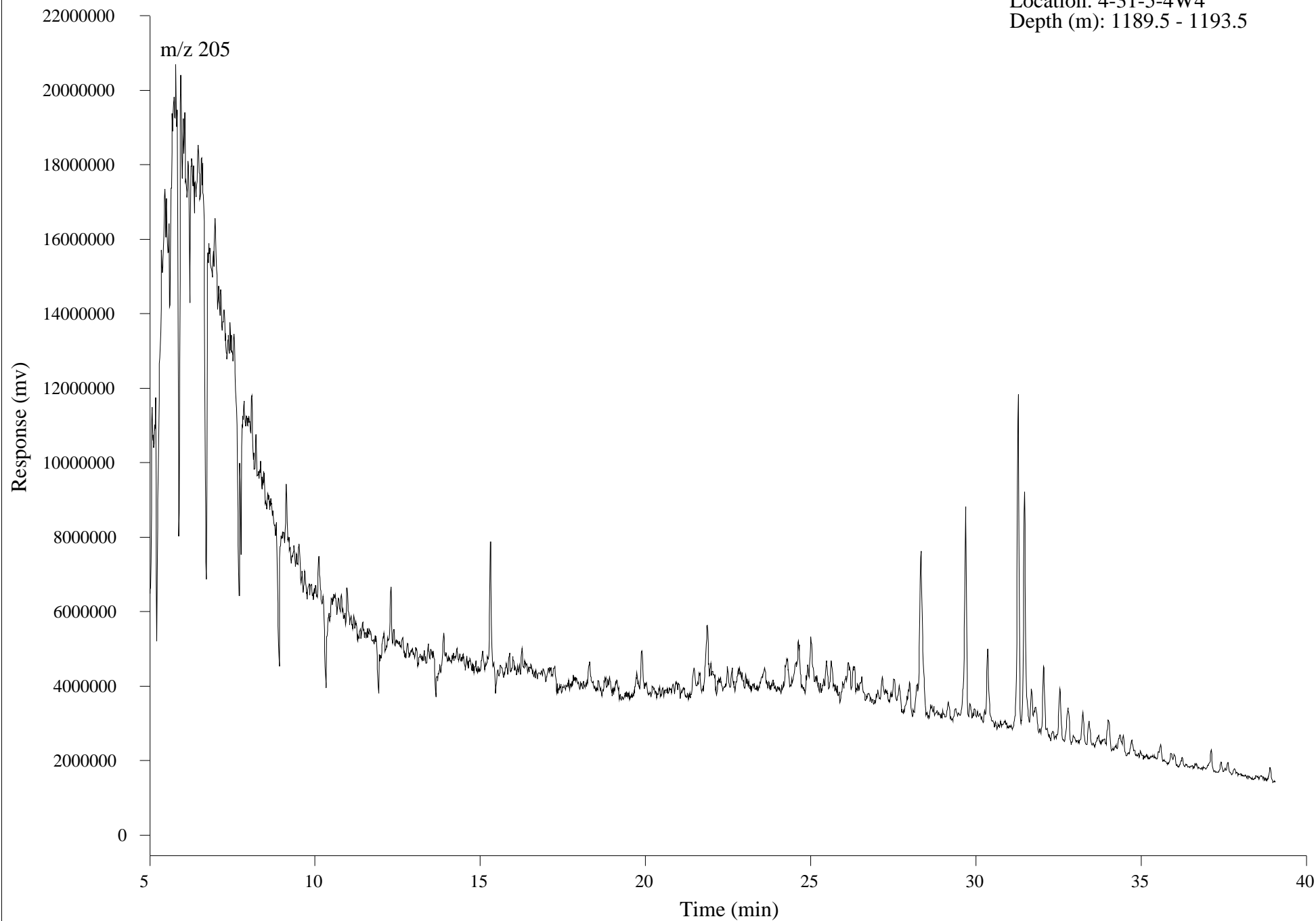
Saturated Hydrocarbons Mass Chromatogram

Lab Id: L02141
GSC No: C-558612
Location: 4-31-5-4W4
Depth (m): 1189.5 - 1193.5



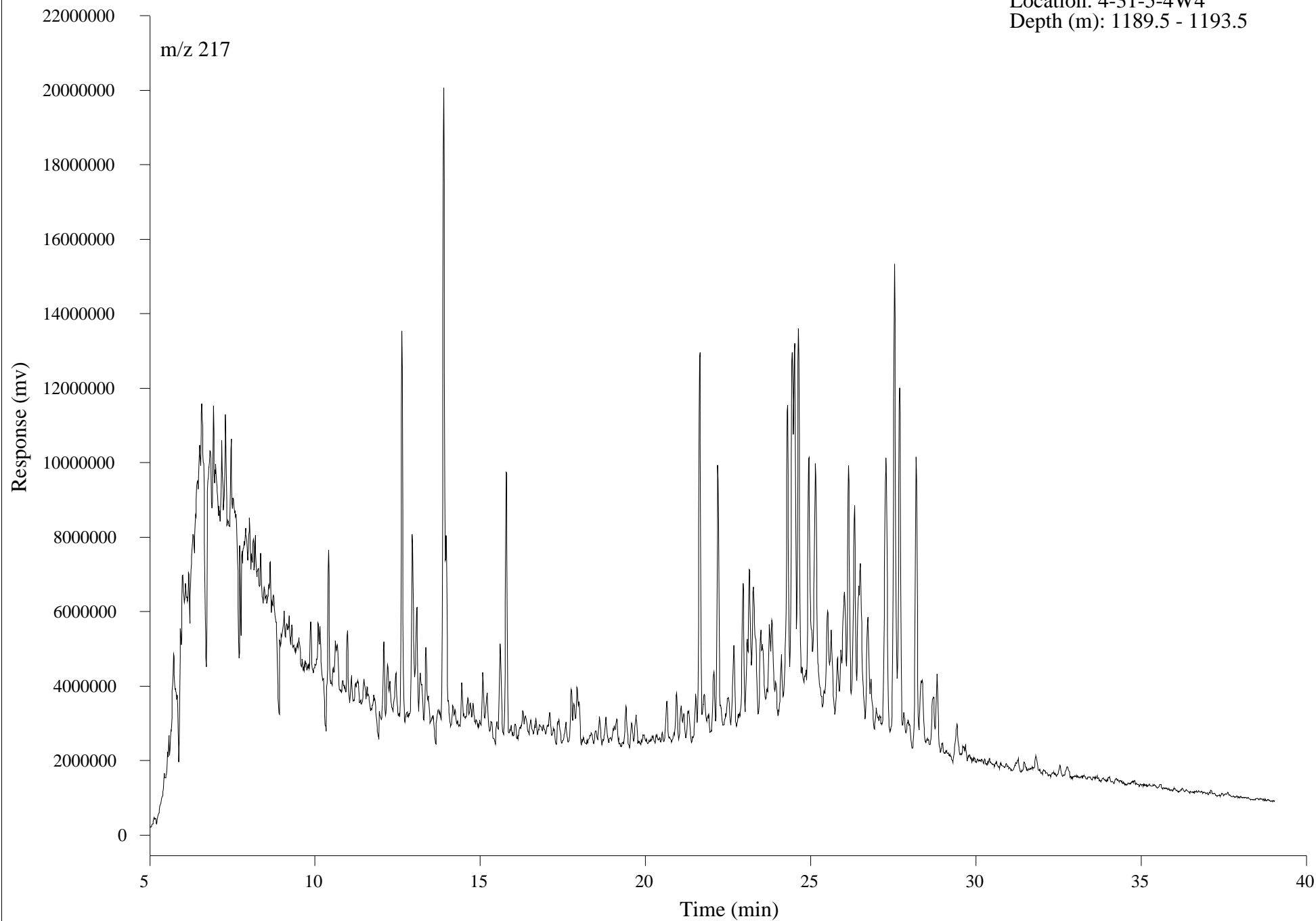
Saturated Hydrocarbons Mass Chromatogram

Lab Id: L02141
GSC No: C-558612
Location: 4-31-5-4W4
Depth (m): 1189.5 - 1193.5



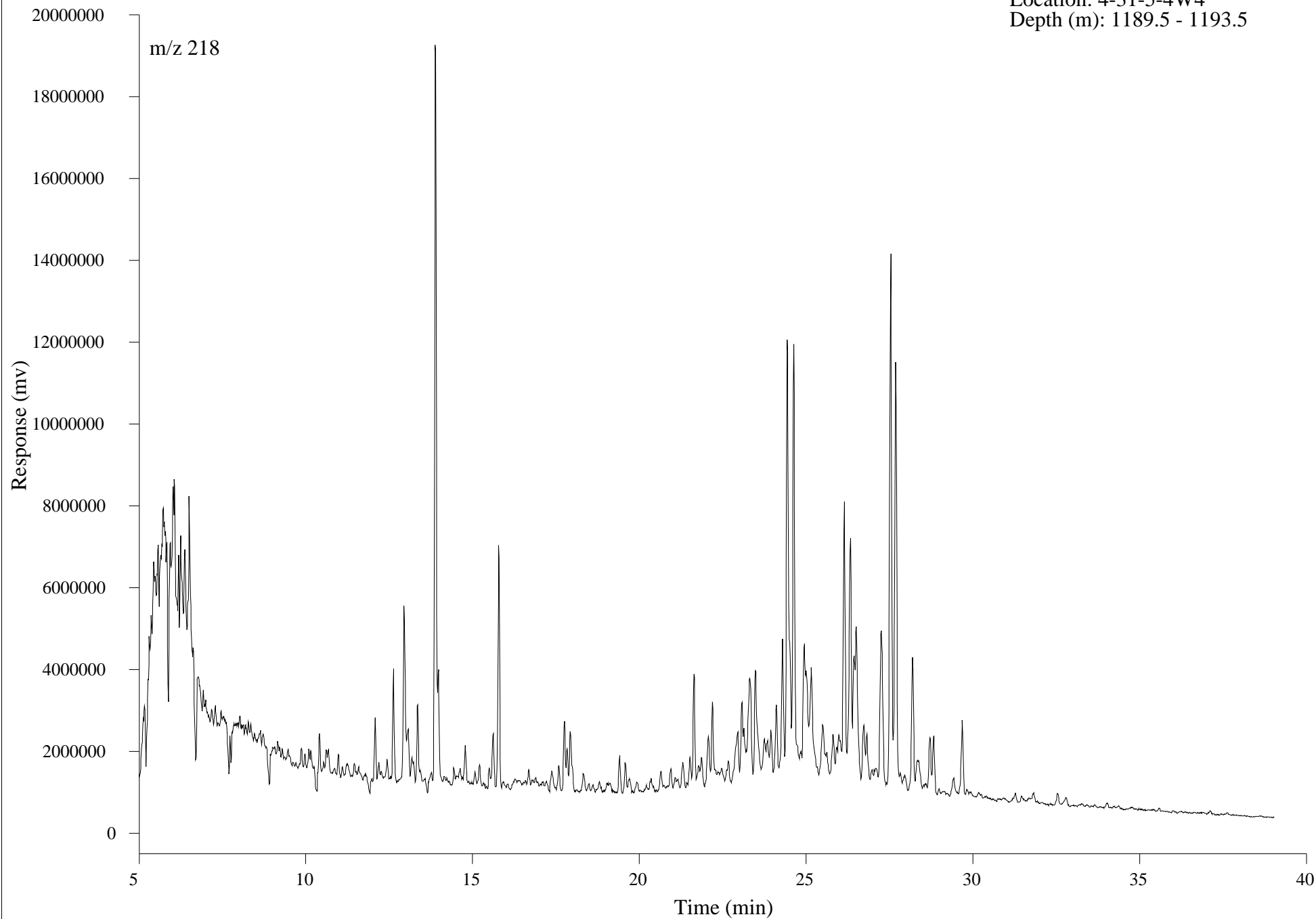
Saturated Hydrocarbons Mass Chromatogram

Lab Id: L02141
GSC No: C-558612
Location: 4-31-5-4W4
Depth (m): 1189.5 - 1193.5



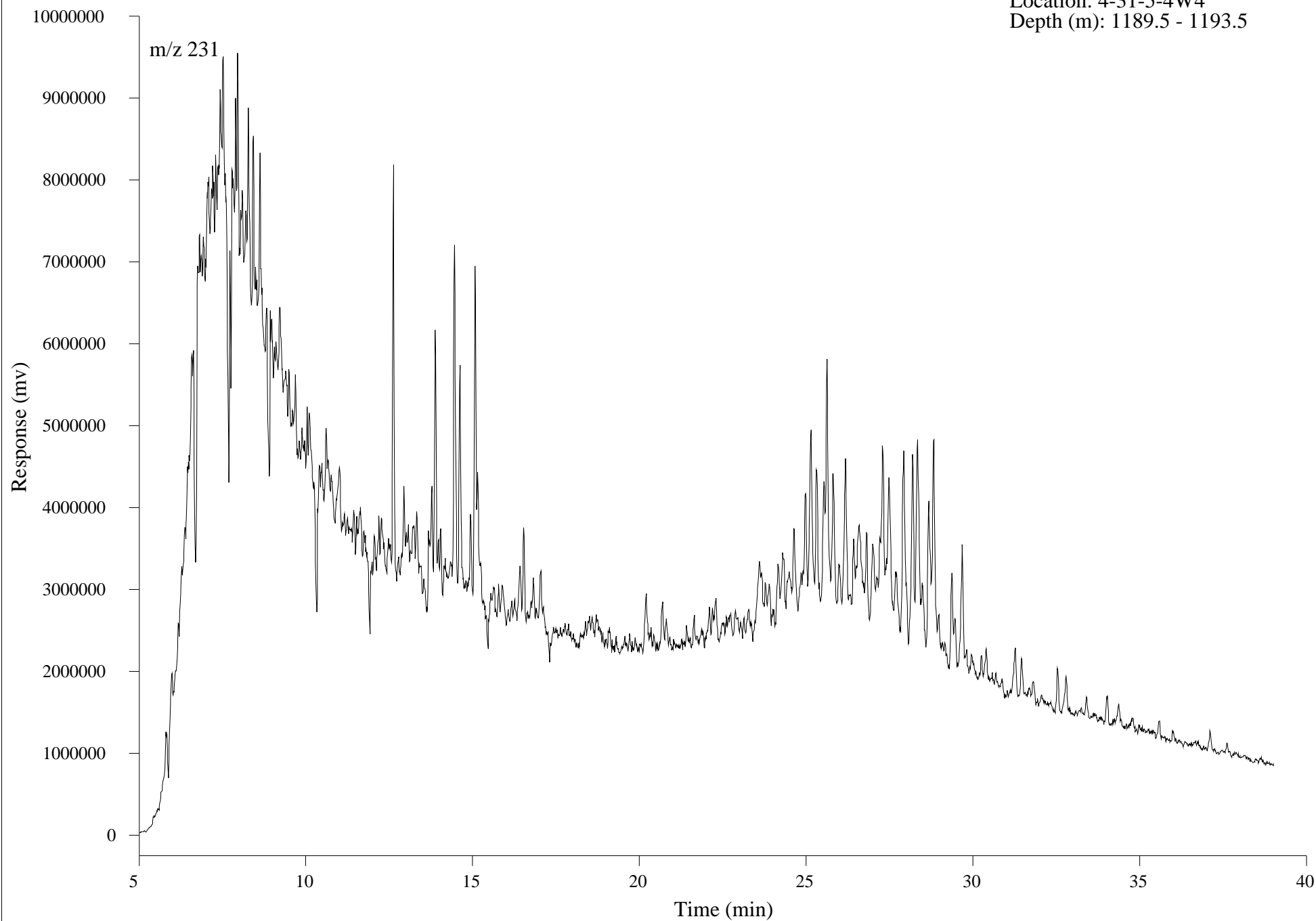
Saturated Hydrocarbons Mass Chromatogram

Lab Id: L02141
GSC No: C-558612
Location: 4-31-5-4W4
Depth (m): 1189.5 - 1193.5



Saturated Hydrocarbons Mass Chromatogram

Lab Id: L02141
GSC No: C-558612
Location: 4-31-5-4W4
Depth (m): 1189.5 - 1193.5



Saturated Hydrocarbons Mass Chromatogram

Lab Id: L02141
GSC No: C-558612
Location: 4-31-5-4W4
Depth (m): 1189.5 - 1193.5

