

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: L02139

GSC Catalog No: C-558610

Acquisition Date: 1996-05-10

Location: 12-36-5-5W4

UWI: 100123600505W400

Upper Depth (m): 1156.8

Lower Depth (m): 1161.8

Fraction: gasoline

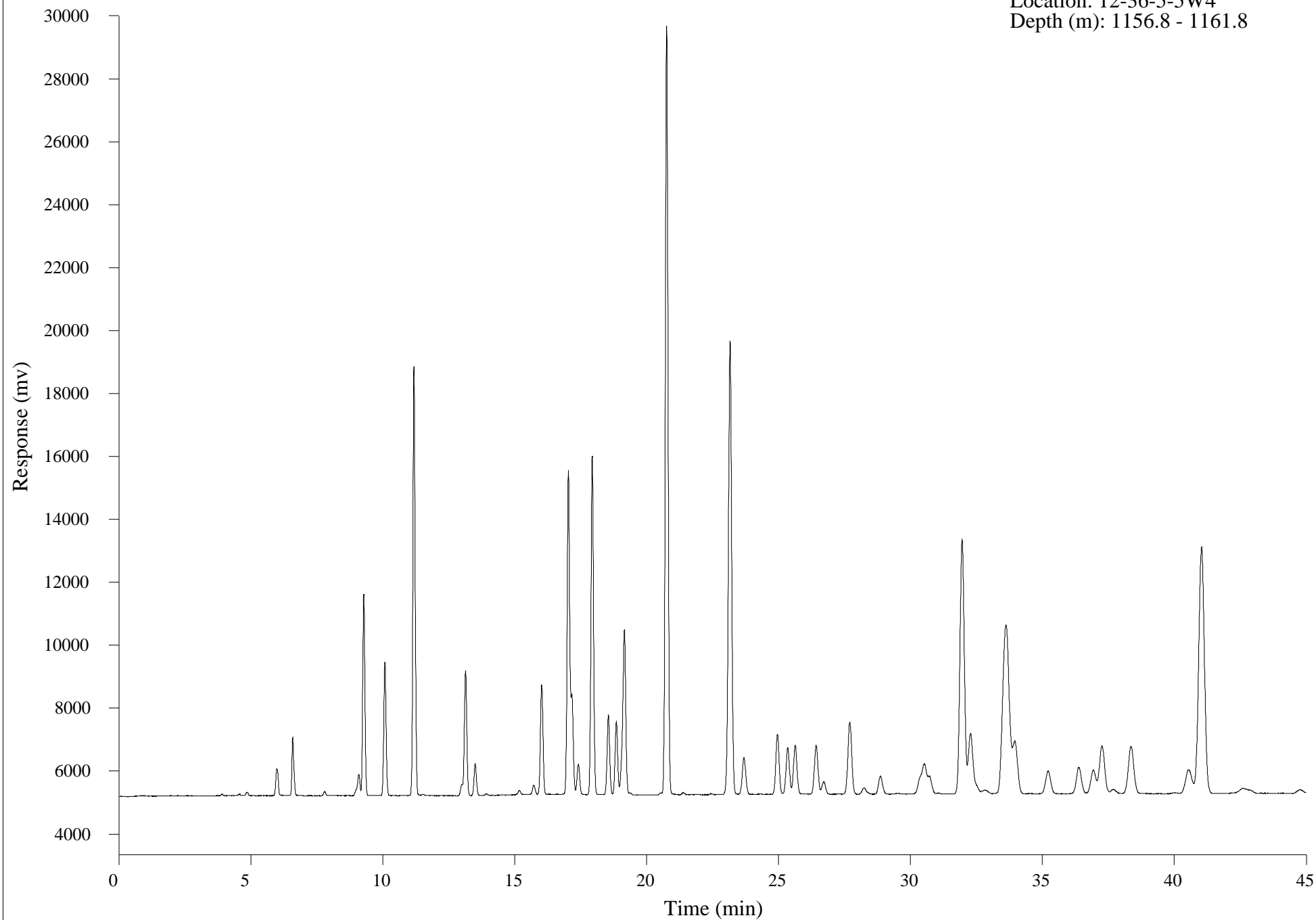
Instrument: HP 5890 GC

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

Time	Compound Name	Area	Height
5.99	iC5	5350.00	848.39
6.59	nC5	9326.00	1846.63
7.81	22DMC4	745.00	143.98
9.04	CYC5	1166.00	328.00
9.10	23DMC4	3840.00	718.00
9.28	2MC5	38462.00	6496.46
10.08	3MC5	25906.00	4246.05
11.19	nC6	81583.00	13641.63
13.01	22DMC5	1711.00	361.06
13.14	MCYC5	25729.00	3977.76
13.51	24DMC5	6474.00	1002.43
13.94	223TMC4	278.00	49.90
15.19	BEN	896.00	134.67
15.73	33DMC5	2059.00	293.93
16.03	CYC6	23571.00	3486.55
17.04	2MC6	71058.00	10295.89
17.17	23DMC5	16975.00	3174.38
17.42	11DMCYC5	6652.00	948.74
17.94	3MC6	72381.00	10749.27
18.55	1c3DMCYC5	17181.00	2532.65
18.86	1t3DMCYC5	15641.00	2302.03
19.16	1t2DMCYC5	42079.00	5199.25
20.76	nC7	170631.00	24438.14
23.17	MCYC6	122622.00	14411.43
23.69	22DMC6	10758.00	1169.91
24.96	ECYC5	16488.00	1903.94
25.35	25DMC6	13386.00	1481.24
25.64	24DMC6	14179.00	1545.28
26.43	223TMC5	14876.00	1552.25
28.25	234TMC5	2026.00	195.47
28.87	TOL	5957.00	571.63
31.96	2MC7	93072.00	8057.27
33.96	3MC7	19564.00	1674.69
40.55	1c4DMCYC6	11917.00	737.85
41.04	nC8	118182.00	7815.67

Gasoline Gas Chromatogram

Lab Id: L02139
GSC No: C-558610
Location: 12-36-5-5W4
Depth (m): 1156.8 - 1161.8



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Sample ID: L02139

GSC Catalog No: C-558610

Acquisition Date: 1996-10-31

Location: 12-36-5-5W4

UWI: 100123600505W400

Upper Depth (m): 1156.8

Lower Depth (m): 1161.8

Fraction: saturate

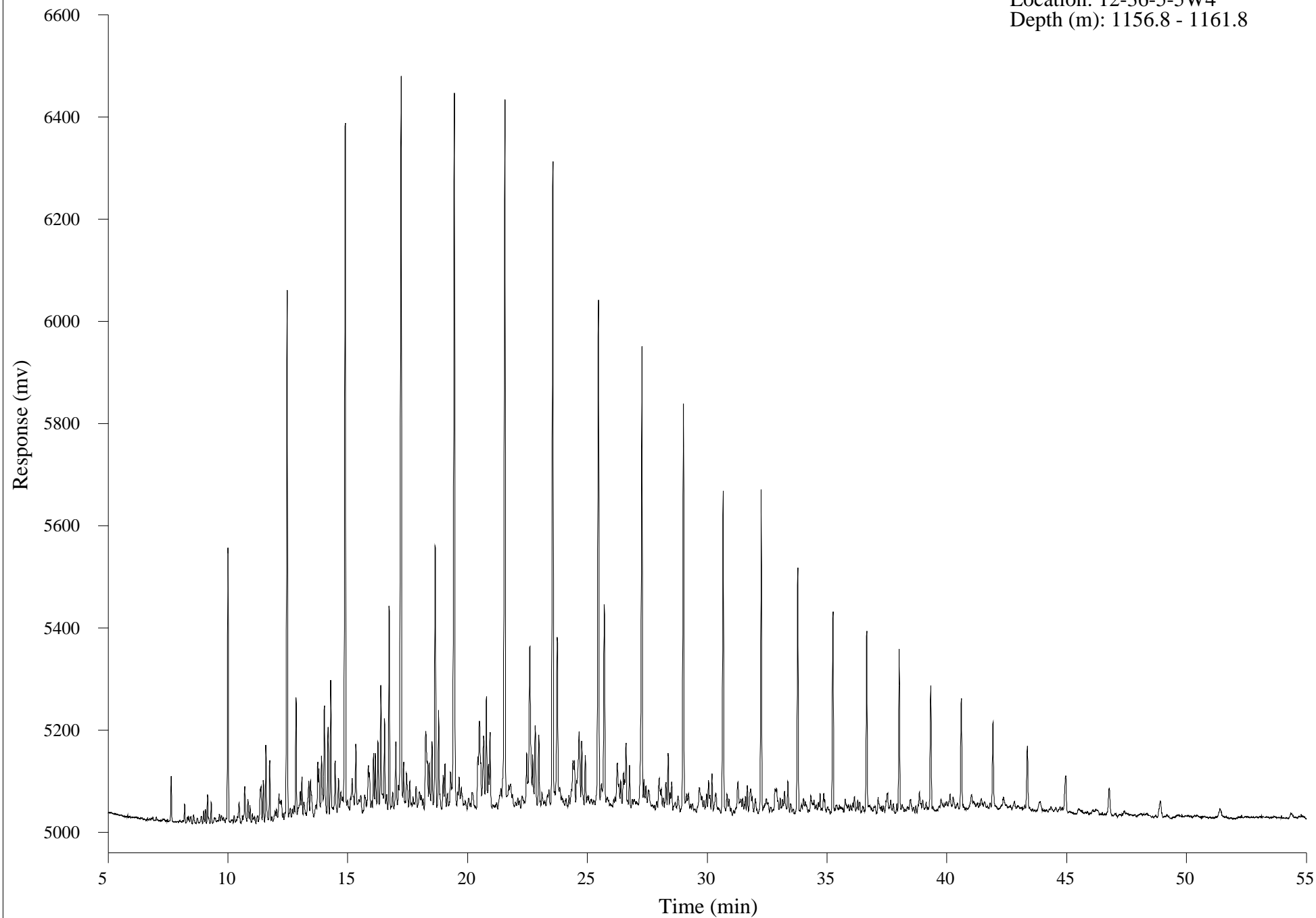
Instrument: Varian 3800 GC

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

Time	Compound Name	Area	Height
7.64	C10	199.07	87.40
10.00	C11	1210.32	538.08
12.48	C12	2805.28	1016.67
14.90	C13	3767.74	1353.90
17.23	C14	4473.40	1431.38
19.45	C15	4530.51	1398.45
21.56	C16	4052.66	1361.21
23.56	C17	3577.05	1250.51
23.74	Pr	1050.62	309.06
25.47	C18	3153.97	987.63
25.71	Ph	1282.01	387.69
27.28	C19	2779.37	900.06
29.01	C20	2256.23	783.81
30.67	C21	1866.34	628.33
32.26	C22	1607.86	623.97
33.78	C23	1375.94	477.26
35.25	C24	1155.72	393.48
36.66	C25	964.60	348.56
38.02	C26	882.69	316.34
39.33	C27	732.97	241.85
40.61	C28	681.82	214.65
41.93	C29	524.00	166.63
43.36	C30	405.64	121.12
44.97	C31	333.63	70.53
46.78	C32	261.33	52.02

Saturated Hydrocarbons Gas Chromatogram

Lab Id: L02139
GSC No: C-558610
Location: 12-36-5-5W4
Depth (m): 1156.8 - 1161.8



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: L02139

GSC Catalog No: C-558610

Acquisition Date: 1996-11-20

Location: 12-36-5-5W4

UWI: 100123600505W400

Upper Depth (m): 1156.8

Lower Depth (m): 1161.8

Fraction: saturate

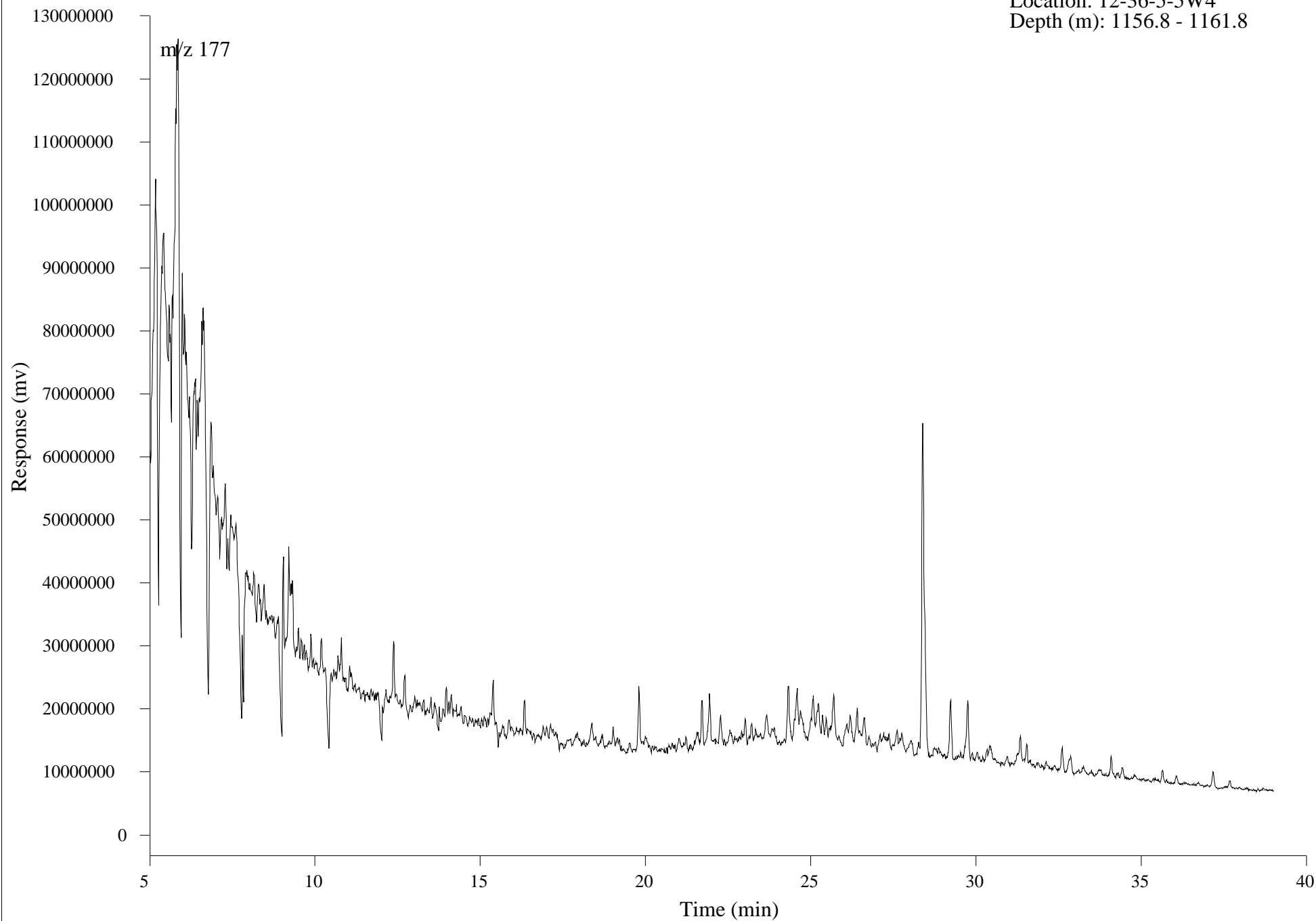
Instrument: HP 5890 GC/VG70SQ MS

MS Mode: Selected Ion Monitoring + EI

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

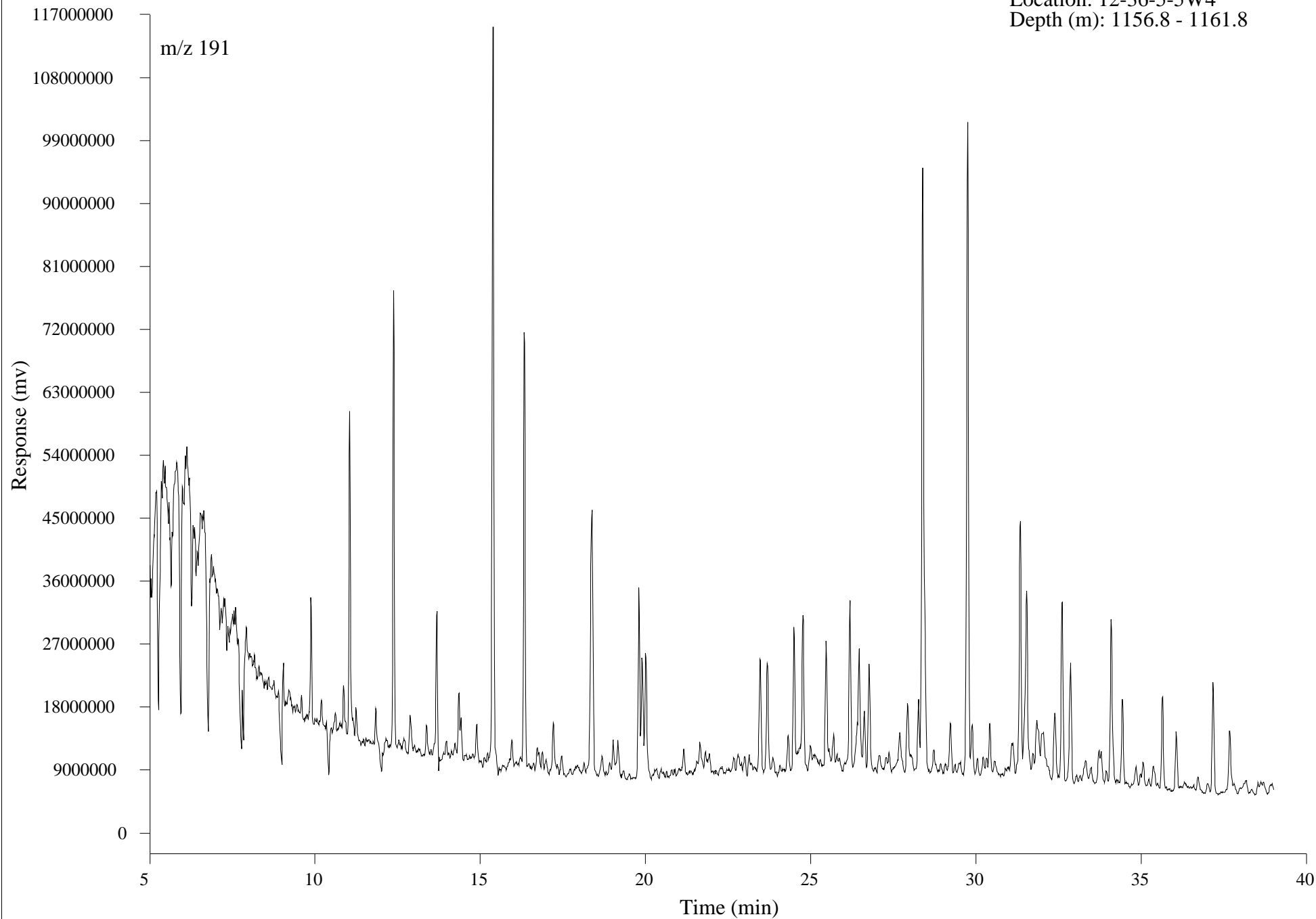
Saturated Hydrocarbons Mass Chromatogram

Lab Id: L02139
GSC No: C-558610
Location: 12-36-5-5W4
Depth (m): 1156.8 - 1161.8



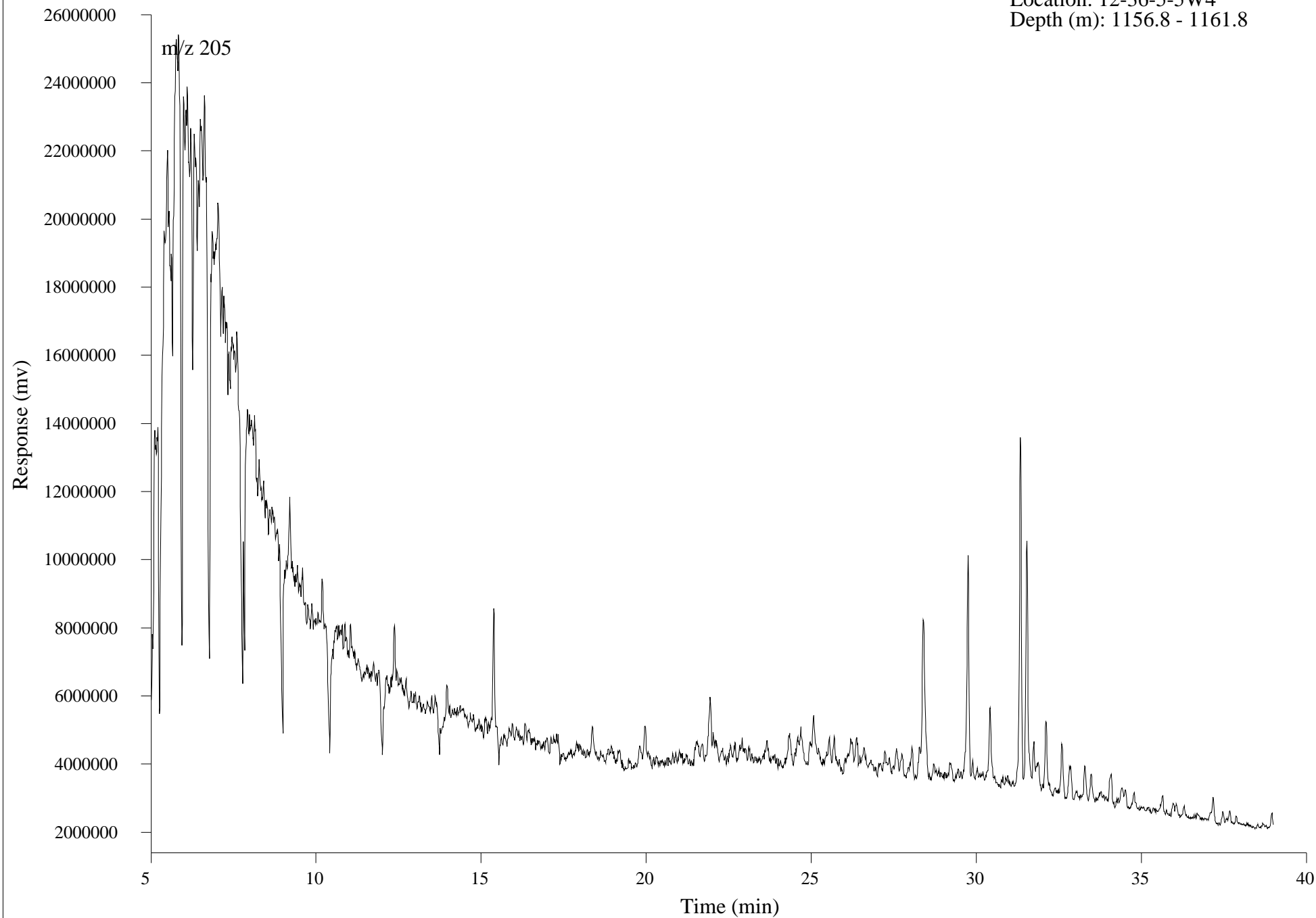
Saturated Hydrocarbons Mass Chromatogram

Lab Id: L02139
GSC No: C-558610
Location: 12-36-5-5W4
Depth (m): 1156.8 - 1161.8



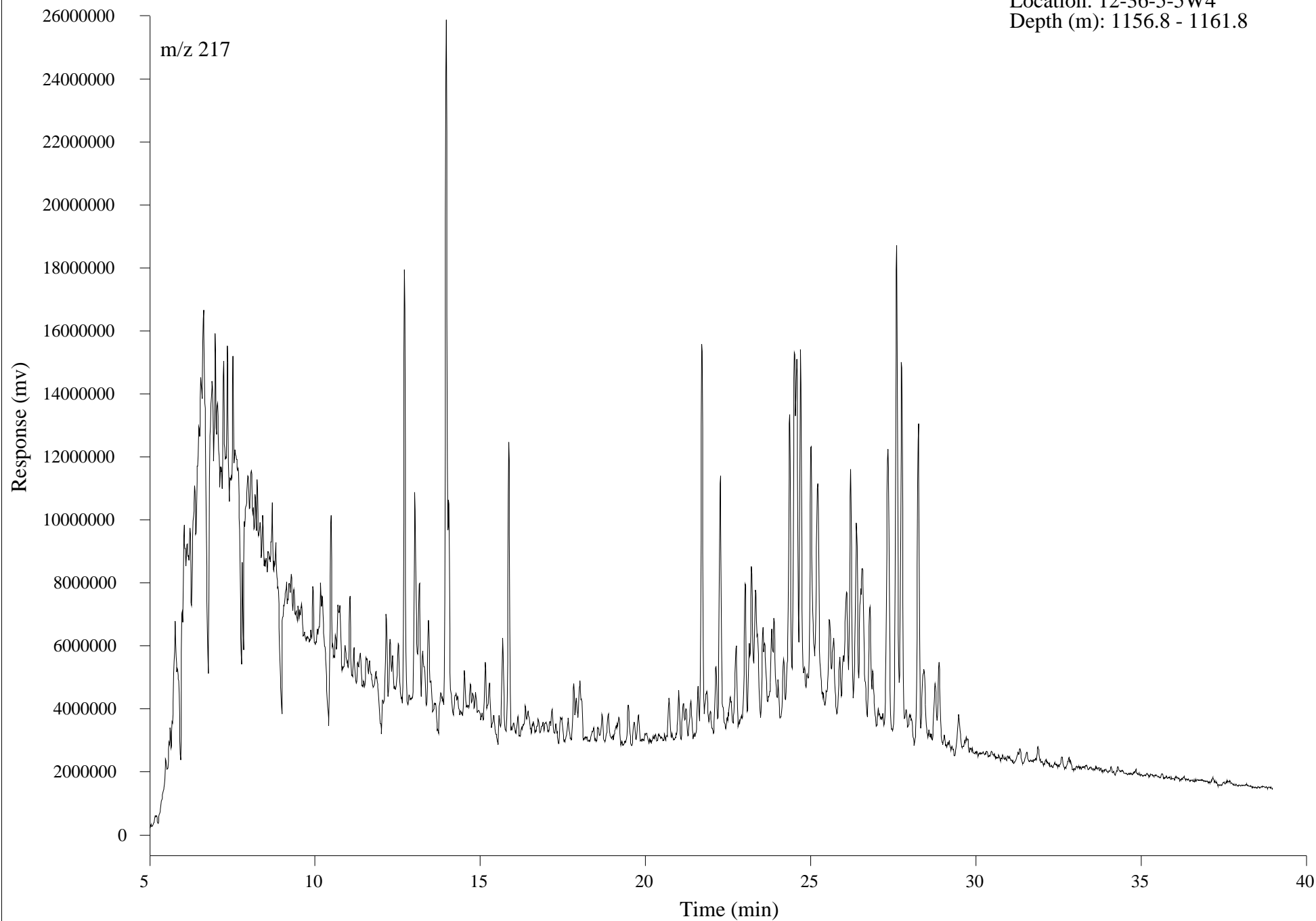
Saturated Hydrocarbons Mass Chromatogram

Lab Id: L02139
GSC No: C-558610
Location: 12-36-5-5W4
Depth (m): 1156.8 - 1161.8



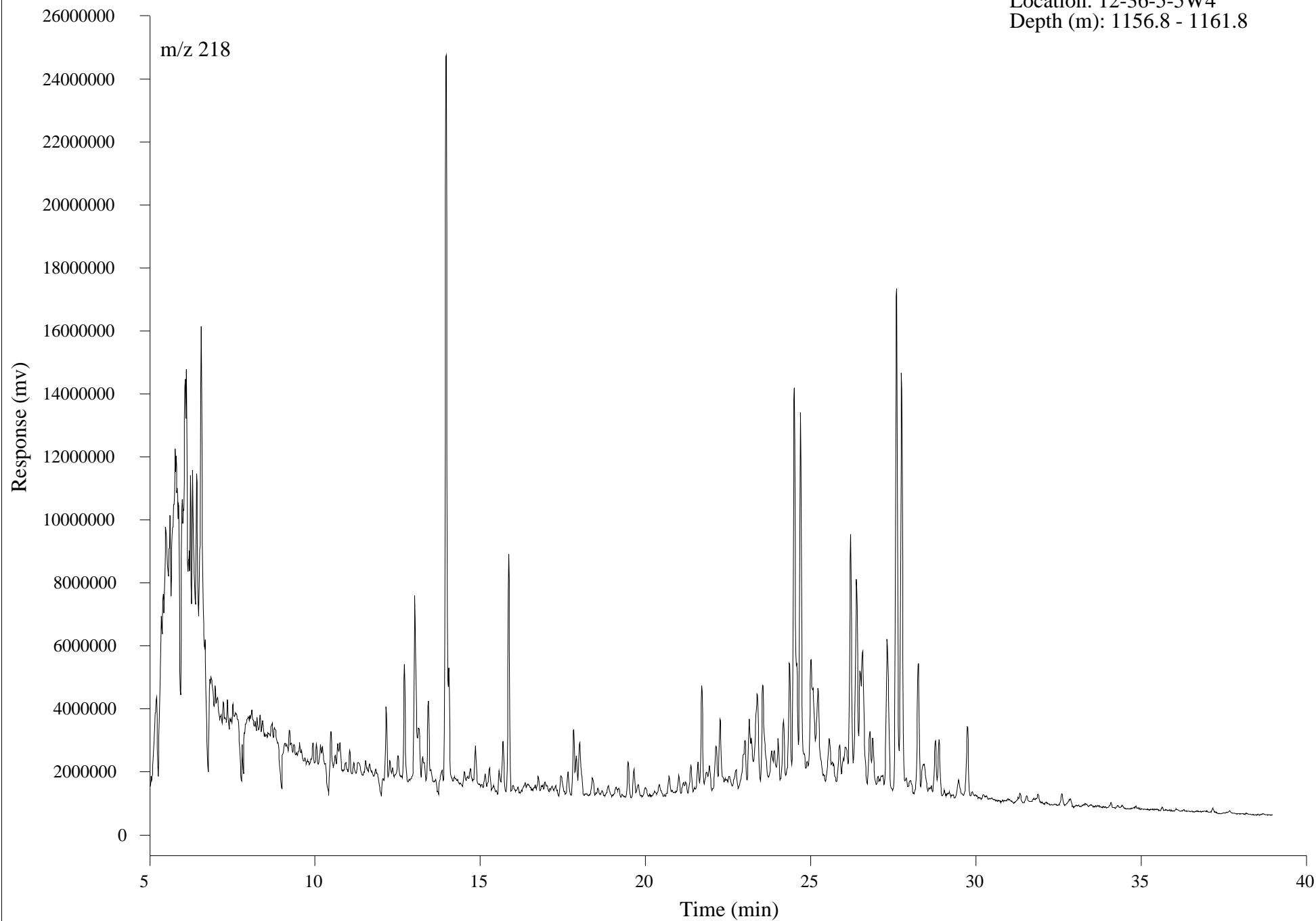
Saturated Hydrocarbons Mass Chromatogram

Lab Id: L02139
GSC No: C-558610
Location: 12-36-5-5W4
Depth (m): 1156.8 - 1161.8



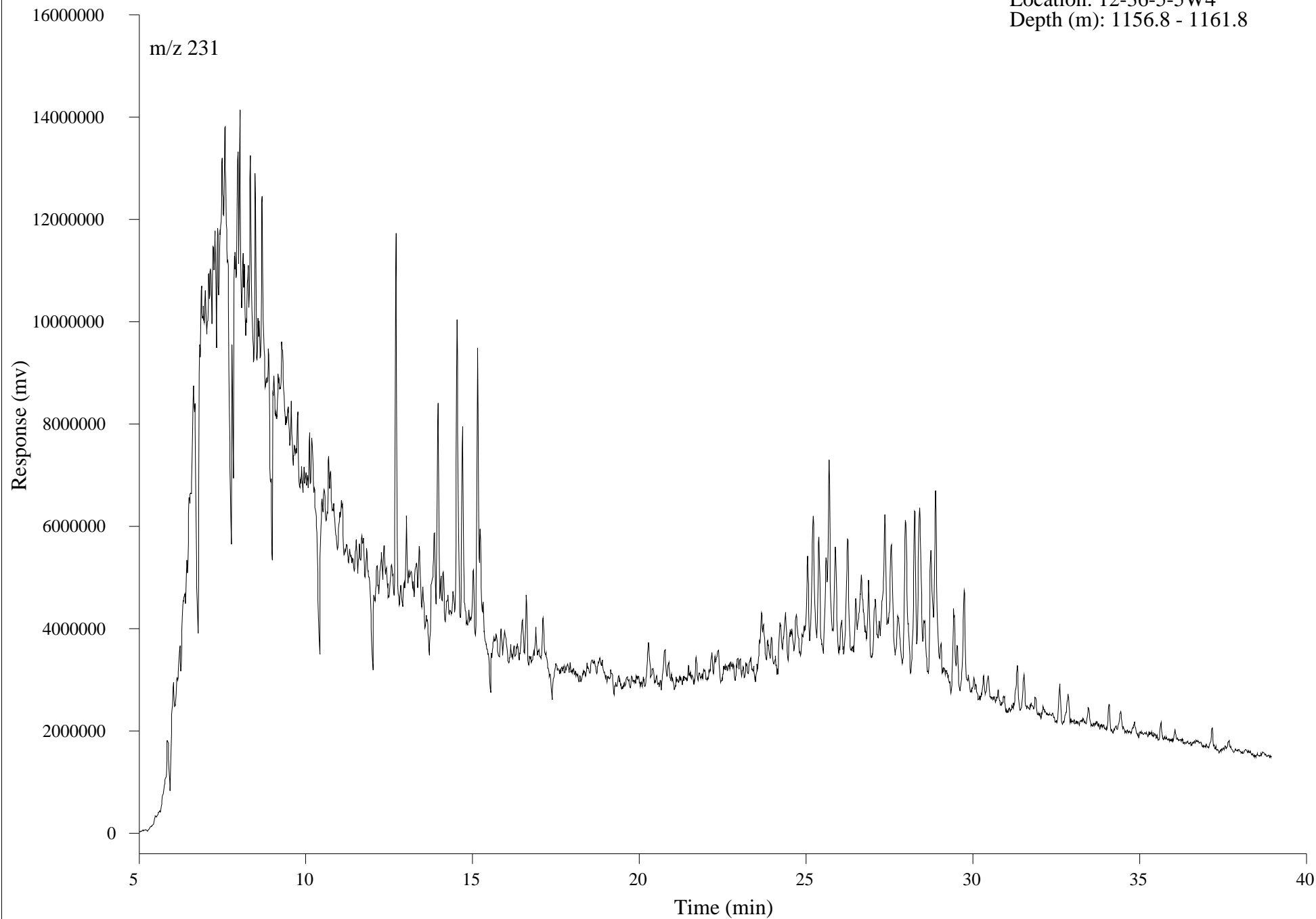
Saturated Hydrocarbons Mass Chromatogram

Lab Id: L02139
GSC No: C-558610
Location: 12-36-5-5W4
Depth (m): 1156.8 - 1161.8



Saturated Hydrocarbons Mass Chromatogram

Lab Id: L02139
GSC No: C-558610
Location: 12-36-5-5W4
Depth (m): 1156.8 - 1161.8



Saturated Hydrocarbons Mass Chromatogram

Lab Id: L02139
GSC No: C-558610
Location: 12-36-5-5W4
Depth (m): 1156.8 - 1161.8

