

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: L02499

GSC Catalog No: C-558690

Acquisition Date: 1997-12-09

Location: 6-14-28-19W4

UWI: 100061402819W400

Upper Depth (m): 1160.2

Lower Depth (m): 1160.8

Fraction: gasoline

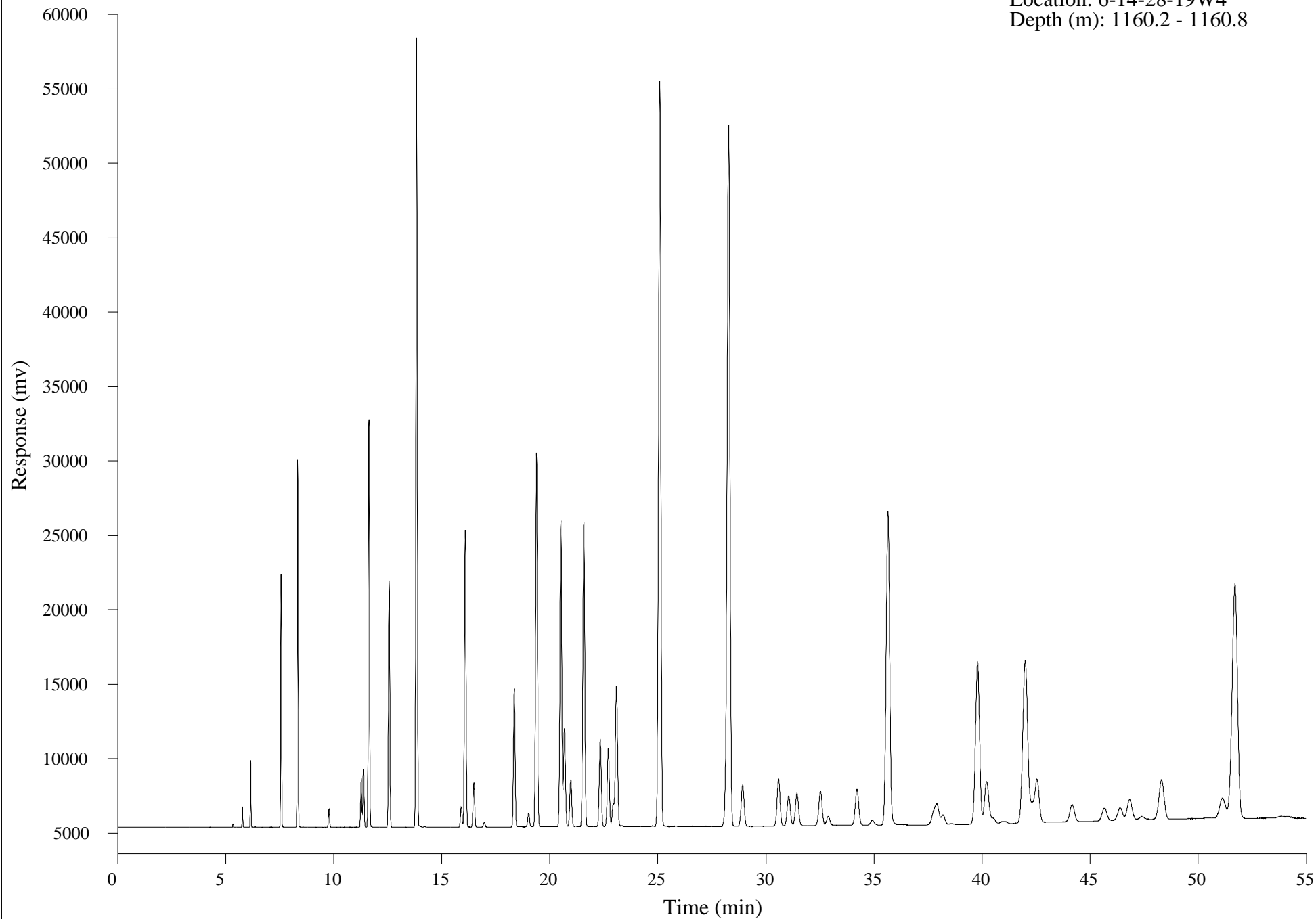
Instrument: HP 5890 GC

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

Time	Compound Name	Area	Height
7.57	iC5	46147.00	17040.09
8.33	nC5	70135.00	24716.96
9.78	22DMC4	4563.00	1228.63
11.27	CYC5	12087.00	3144.97
11.38	23DMC4	16032.00	3907.99
11.63	2MC5	108593.00	27368.76
12.57	3MC5	70823.00	16595.15
13.84	nC6	230865.00	53104.94
15.90	22DMC5	6998.00	1345.58
16.09	MCYC5	100621.00	20006.79
16.49	24DMC5	15641.00	2972.09
16.97	223TMC4	1841.00	319.12
18.36	BEN	49287.00	9306.10
19.02	33DMC5	5460.00	899.51
19.39	CYC6	145561.00	25142.38
20.51	2MC6	123667.00	20580.77
20.68	23DMC5	40487.00	6613.98
20.97	11DMCYC5	20286.00	3148.66
21.57	3MC6	130493.00	20338.45
22.34	1c3DMCYC5	38538.00	5770.23
22.71	1t3DMCYC5	35713.00	5228.22
23.09	1t2DMCYC5	69771.00	9441.36
25.09	nC7	372731.00	50093.69
28.27	MCYC6	433677.00	47100.55
28.92	22DMC6	26650.00	2779.62
30.58	ECYC5	30682.00	3174.46
31.06	25DMC6	20960.00	2007.43
31.44	24DMC6	22412.00	2173.85
32.52	223TMC5	24517.00	2291.76
34.92	234TMC5	4025.00	321.96
35.65	TOL	239503.00	21095.54
39.79	2MC7	140179.00	10740.26
42.54	3MC7	48254.00	2908.66
51.12	1c4DMCYC6	24751.00	1348.11
51.70	nC8	276100.00	15723.91

Gasoline Gas Chromatogram

Lab Id: L02499
GSC No: C-558690
Location: 6-14-28-19W4
Depth (m): 1160.2 - 1160.8



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Sample ID: L02499

GSC Catalog No: C-558690

Acquisition Date: 1998-05-11

Location: 6-14-28-19W4

UWI: 100061402819W400

Upper Depth (m): 1160.2

Lower Depth (m): 1160.8

Fraction: saturate

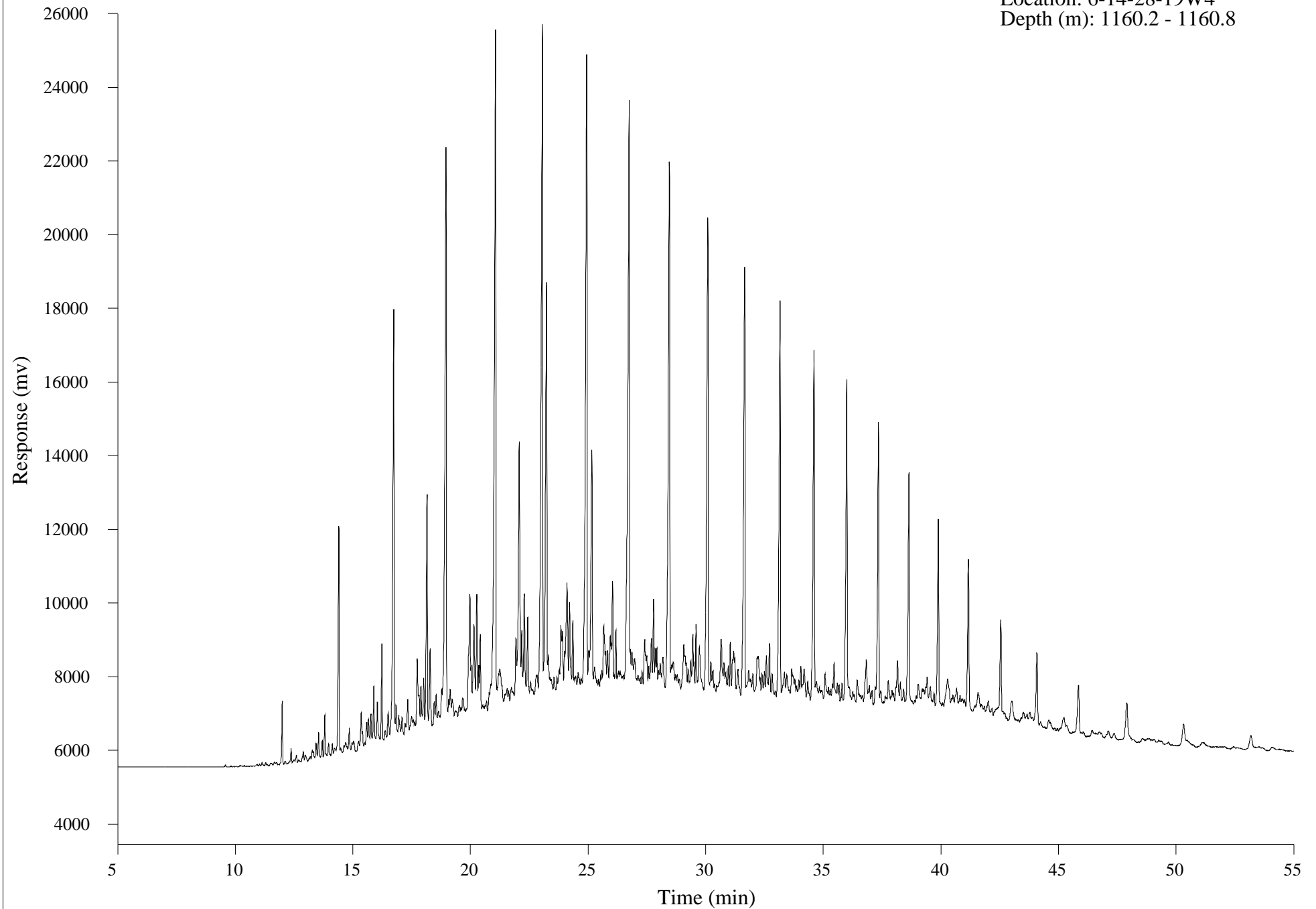
Instrument: Varian 3800 GC

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

Time	Compound Name	Area	Height
12.00	C12	4593.61	1713.43
14.40	C13	18938.44	6193.12
16.74	C14	45859.85	11824.39
18.96	C15	70972.93	15826.38
21.07	C16	85739.38	18594.79
23.06	C17	82381.01	18217.66
23.23	Pr	44768.76	11011.40
24.95	C18	78261.23	17145.68
25.16	Ph	26382.93	6444.89
26.74	C19	69694.27	14881.56
28.46	C20	64062.60	14393.99
30.09	C21	54583.19	12857.85
31.66	C22	47679.64	11490.54
33.16	C23	43853.19	10758.00
34.61	C24	37428.71	9571.26
36.00	C25	31802.58	8484.54
37.35	C26	27782.02	7654.49
38.64	C27	23429.94	6232.15
39.89	C28	19015.27	5065.54
41.17	C29	16482.49	4114.05
42.55	C30	11061.96	2542.60
44.09	C31	9544.27	1950.65
45.85	C32	6845.08	1297.07

Saturated Hydrocarbons Gas Chromatogram

Lab Id: L02499
GSC No: C-558690
Location: 6-14-28-19W4
Depth (m): 1160.2 - 1160.8



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: L02499

GSC Catalog No: C-558690

Acquisition Date: 1998-06-08

Location: 6-14-28-19W4

UWI: 100061402819W400

Upper Depth (m): 1160.2

Lower Depth (m): 1160.8

Fraction: saturate

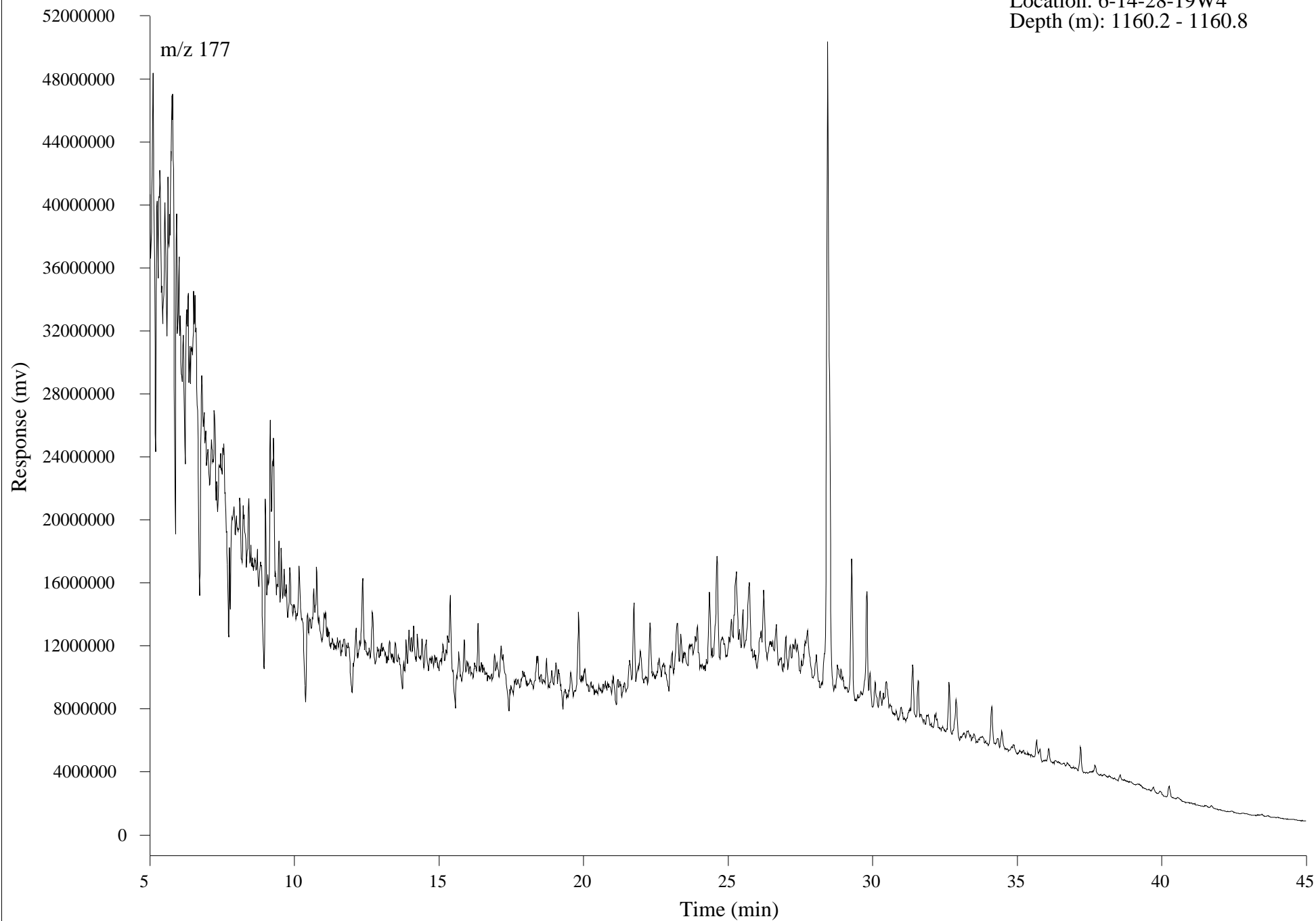
Instrument: HP 5890 GC/VG70SQ MS

MS Mode: Selected Ion Monitoring + EI

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

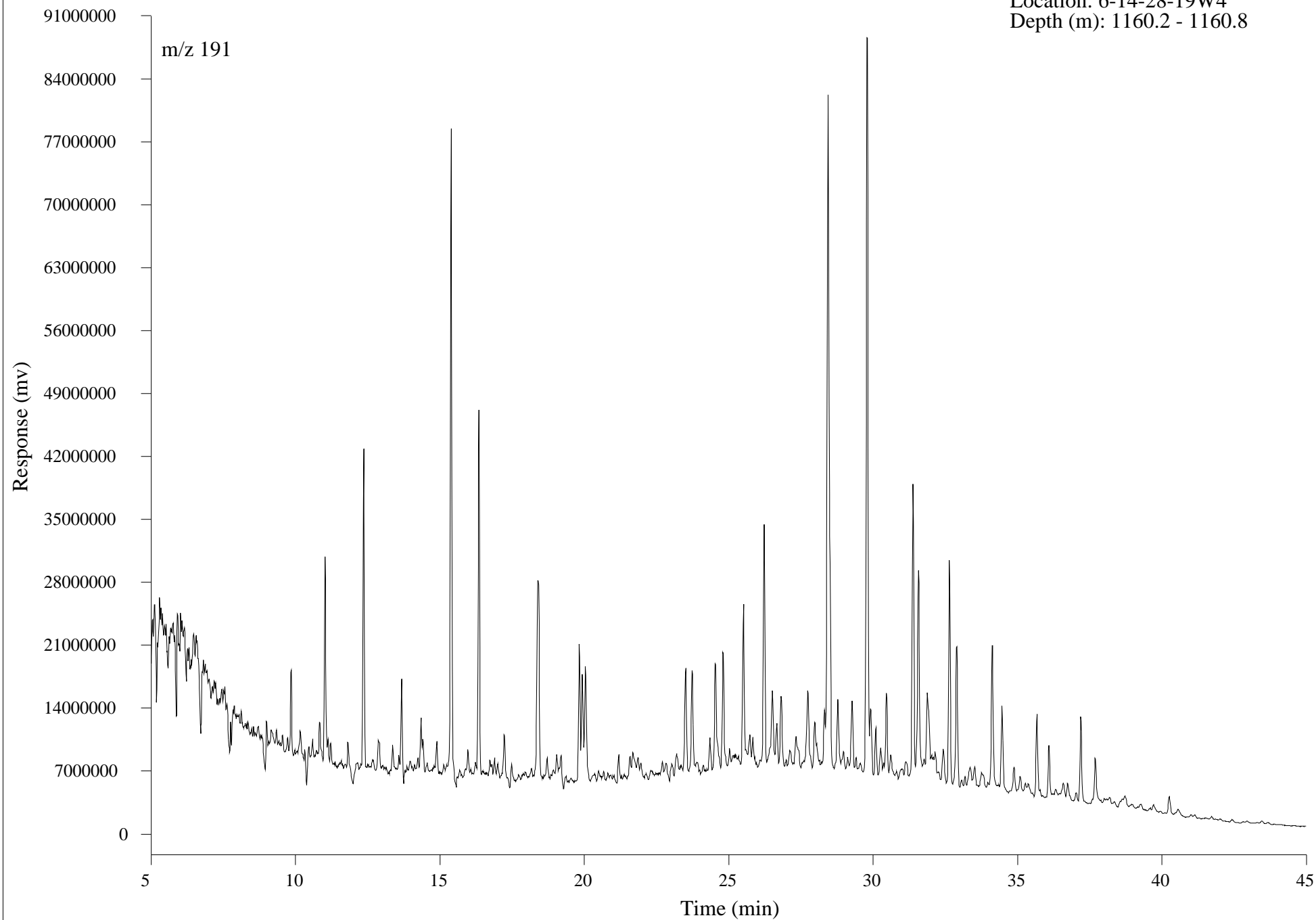
Saturated Hydrocarbons Mass Chromatogram

Lab Id: L02499
GSC No: C-558690
Location: 6-14-28-19W4
Depth (m): 1160.2 - 1160.8



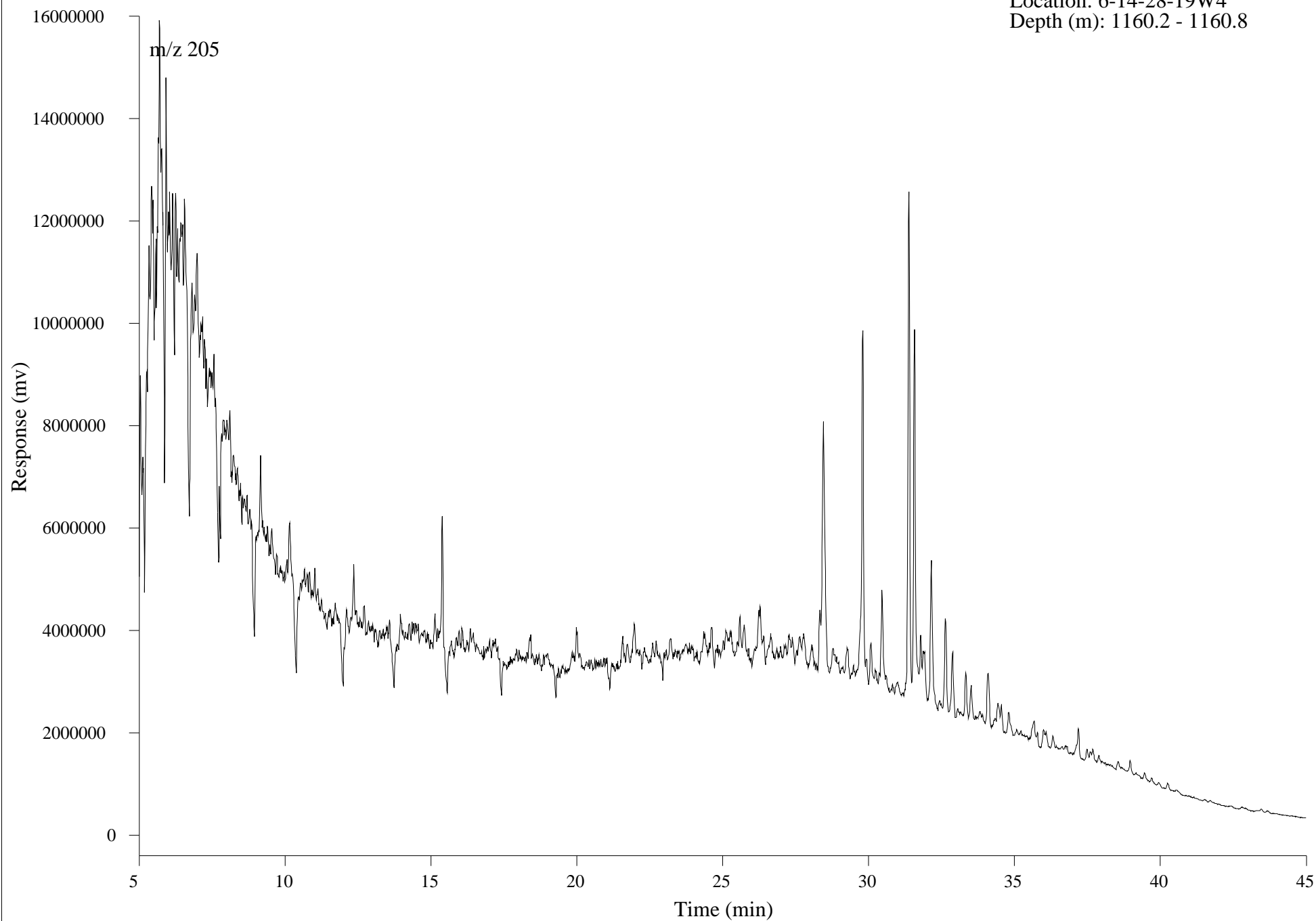
Saturated Hydrocarbons Mass Chromatogram

Lab Id: L02499
GSC No: C-558690
Location: 6-14-28-19W4
Depth (m): 1160.2 - 1160.8



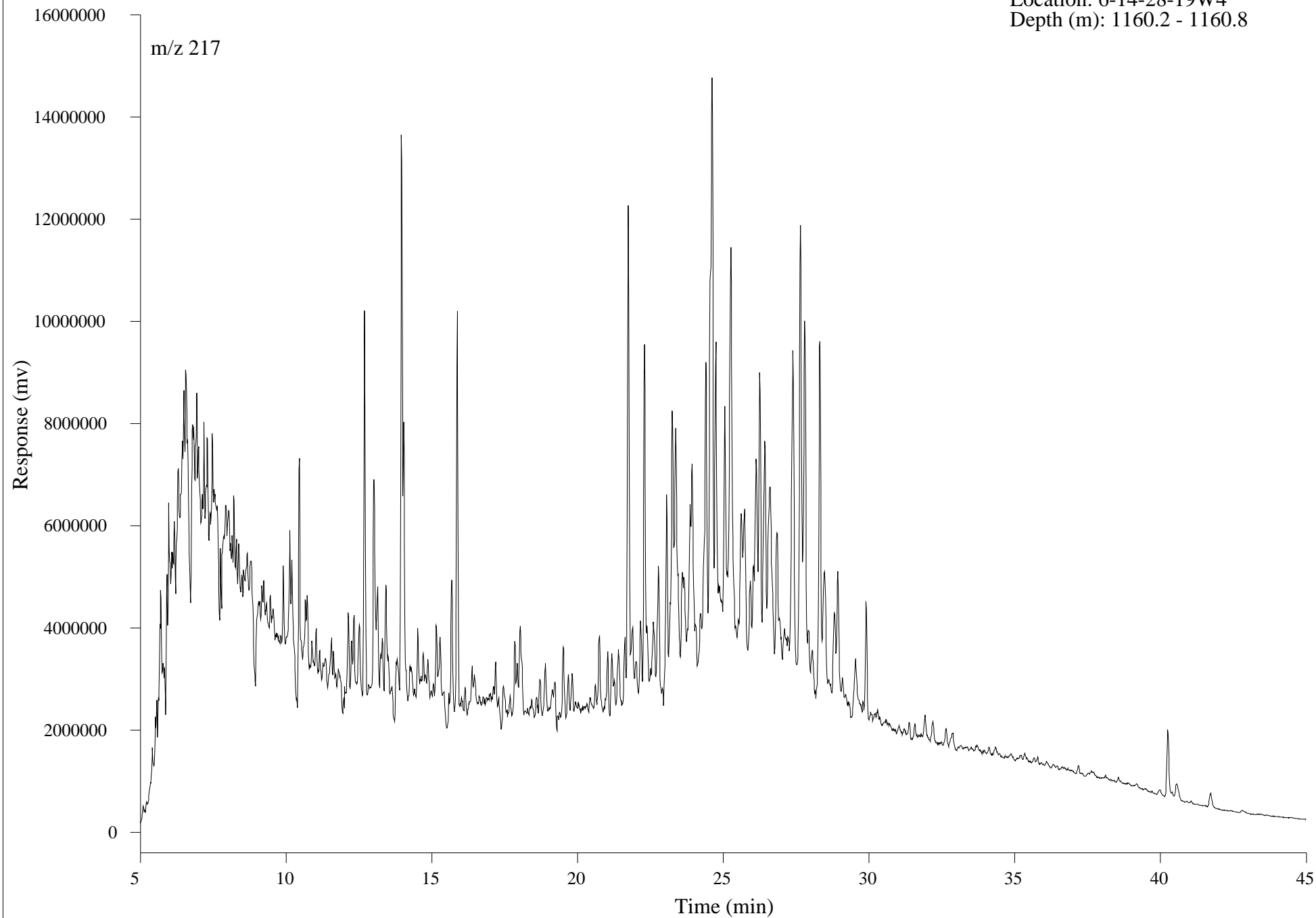
Saturated Hydrocarbons Mass Chromatogram

Lab Id: L02499
GSC No: C-558690
Location: 6-14-28-19W4
Depth (m): 1160.2 - 1160.8



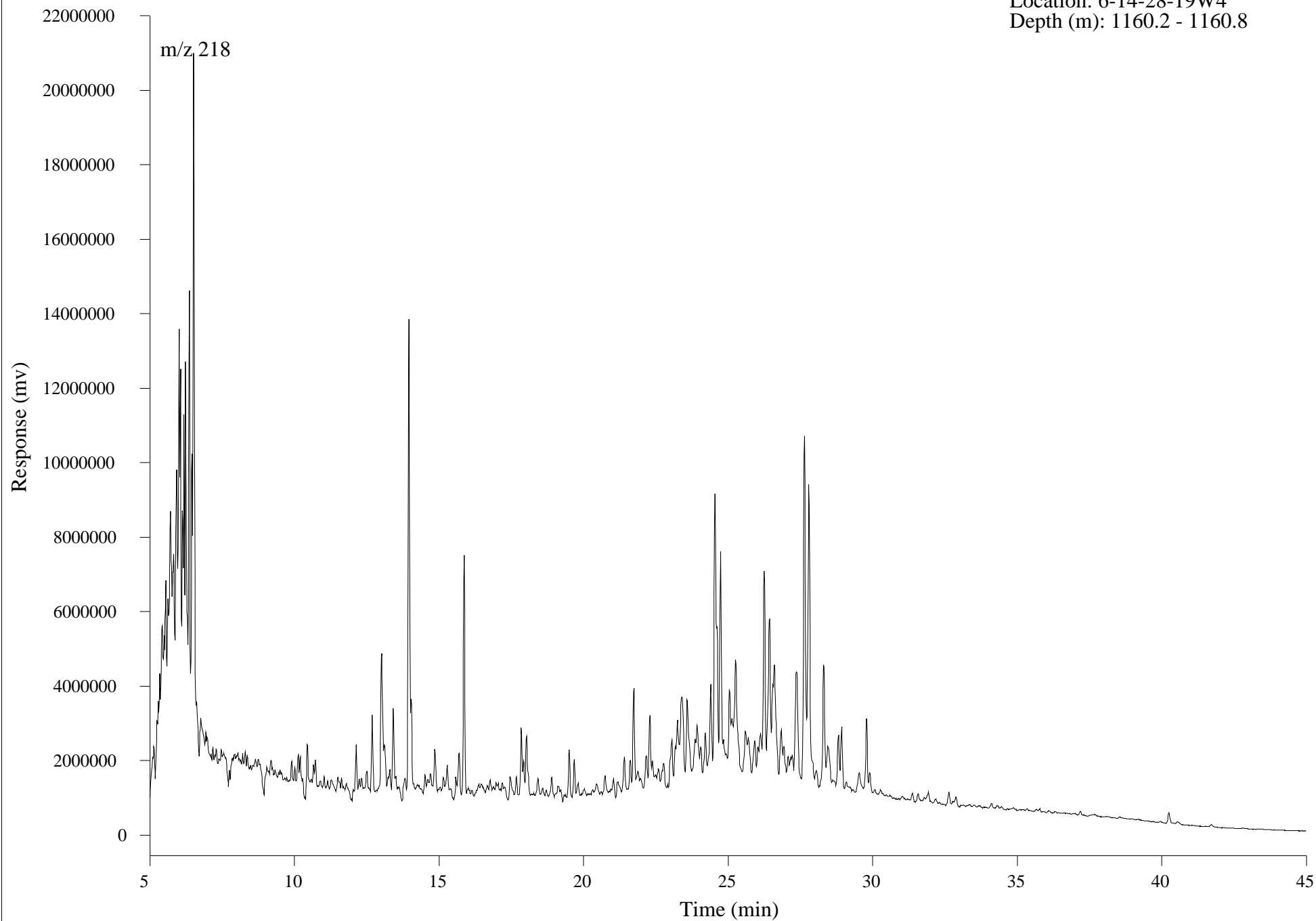
Saturated Hydrocarbons Mass Chromatogram

Lab Id: L02499
GSC No: C-558690
Location: 6-14-28-19W4
Depth (m): 1160.2 - 1160.8



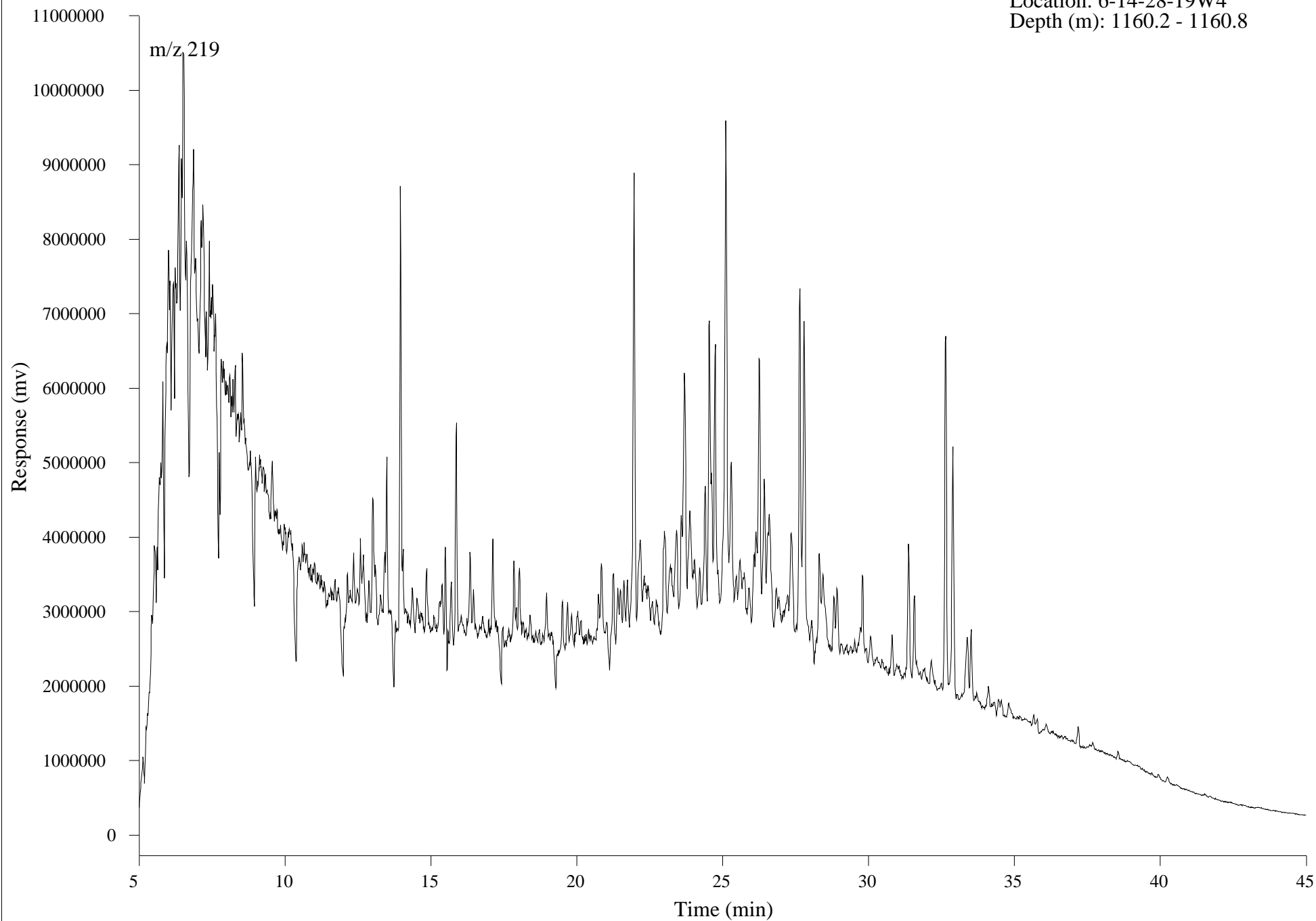
Saturated Hydrocarbons Mass Chromatogram

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GSC No: C-558690
Location: 6-14-28-19W4
Depth (m): 1160.2 - 1160.8



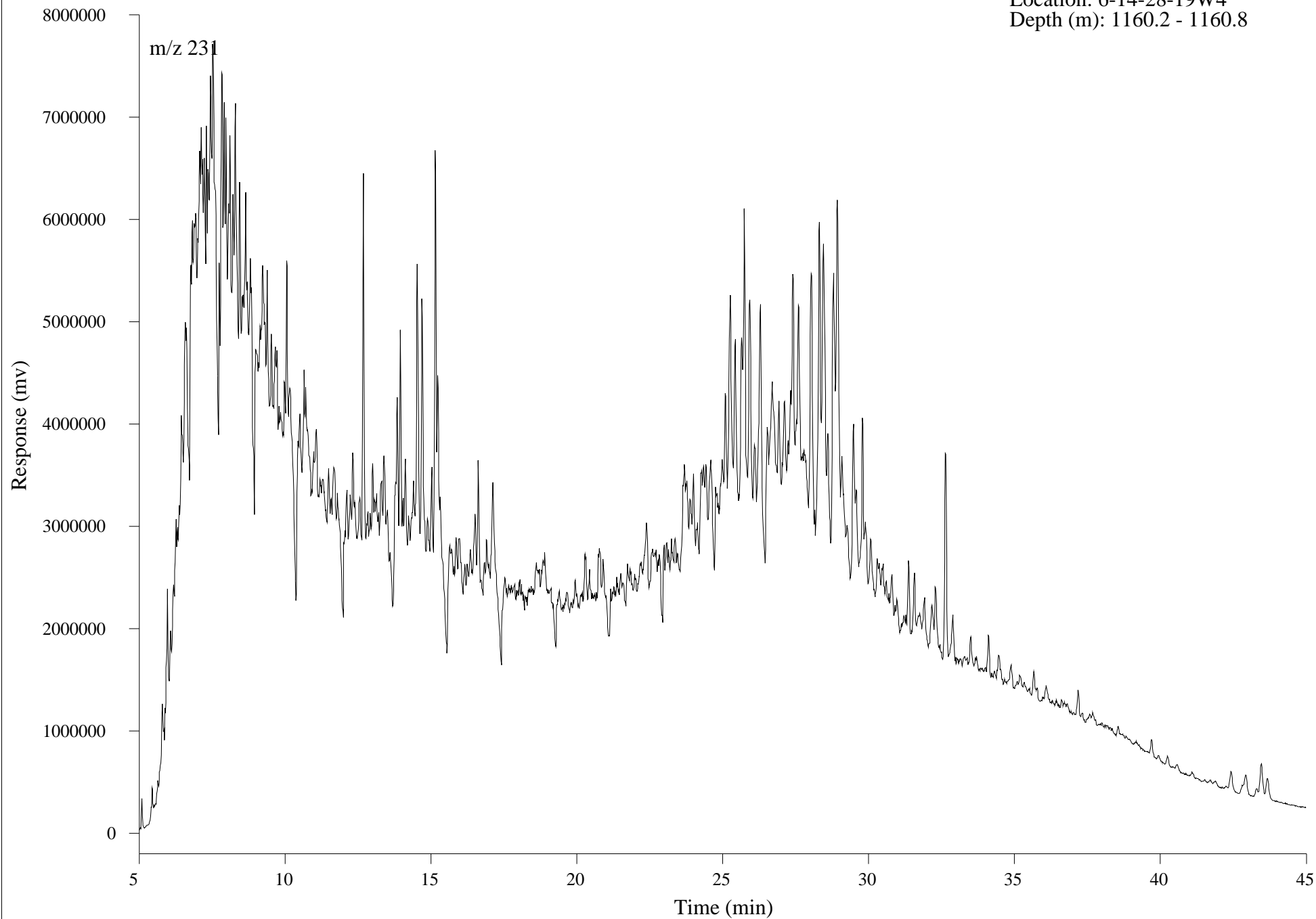
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Lab Id: L02499
GSC No: C-558690
Location: 6-14-28-19W4
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Lab Id: L02499
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Location: 6-14-28-19W4
Depth (m): 1160.2 - 1160.8



Saturated Hydrocarbons Mass Chromatogram

Lab Id: L02499
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Location: 6-14-28-19W4
Depth (m): 1160.2 - 1160.8

