

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: L02496

GSC Catalog No: C-558687

Acquisition Date: 1997-12-08

Location: 4-13-8-15W4

UWI: 100041300815W400

Upper Depth (m): 977.5

Lower Depth (m): 980.0

Fraction: gasoline

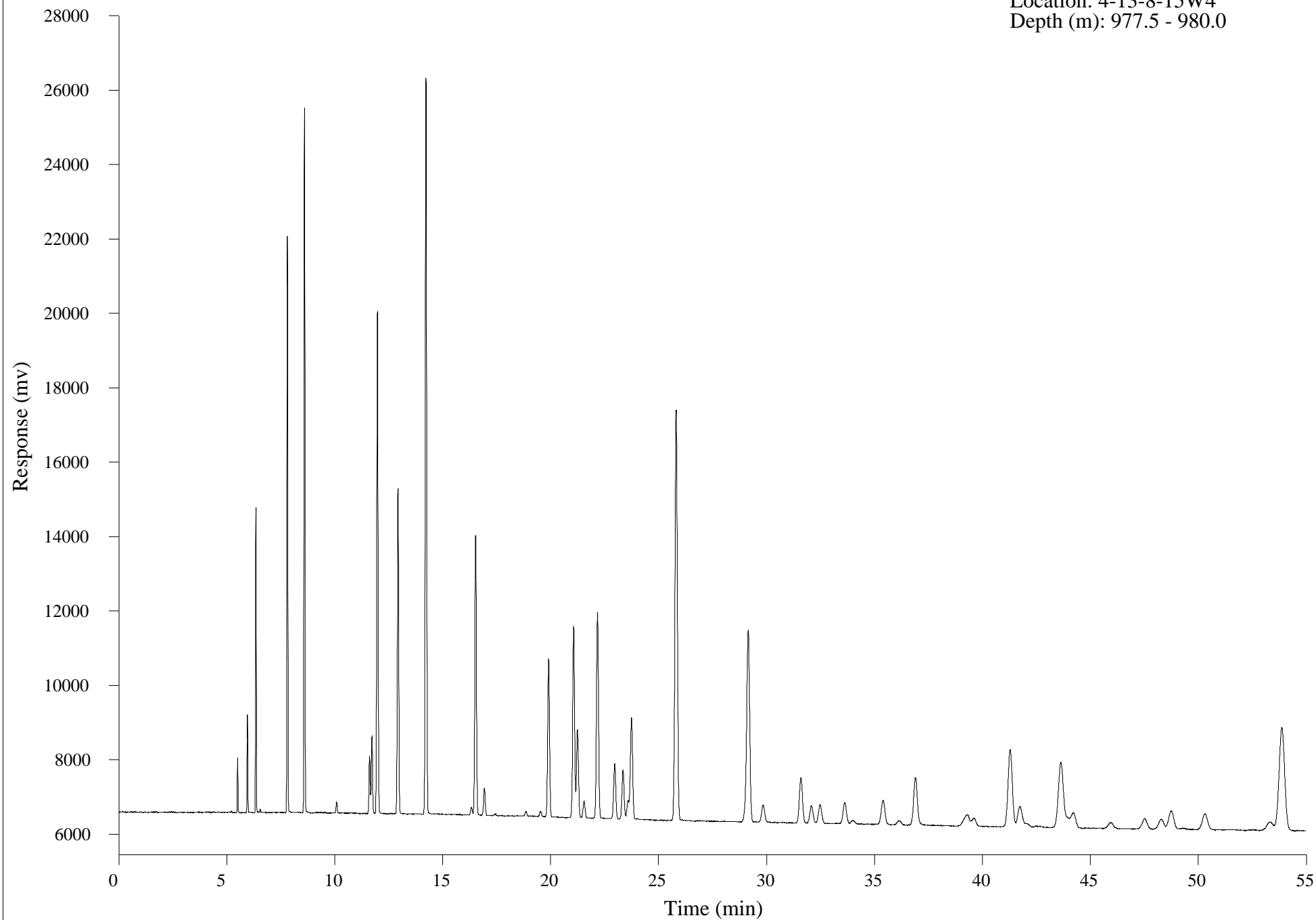
Instrument: HP 5890 GC

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

Time	Compound Name	Area	Height
7.81	iC5	42335.00	15616.42
8.60	nC5	54121.00	19041.67
10.09	22DMC4	1116.00	298.55
11.62	CYC5	5999.00	1549.17
11.72	23DMC4	8513.00	2067.89
11.98	2MC5	53914.00	13525.89
12.93	3MC5	37468.00	8740.86
14.23	nC6	86497.00	19805.55
16.33	22DMC5	1134.00	215.51
16.53	MCYC5	38561.00	7532.44
16.93	24DMC5	3910.00	730.16
17.43	223TMC4	147.00	36.02
18.85	BEN	669.00	122.87
19.53	33DMC5	797.00	140.03
19.91	CYC6	24915.00	4228.47
21.07	2MC6	31512.00	5116.56
21.25	23DMC5	14952.00	2355.26
21.55	11DMCYC5	2890.00	443.04
22.17	3MC6	36441.00	5541.39
22.97	1c3DMCYC5	10272.00	1481.50
23.35	1t3DMCYC5	9173.00	1308.83
23.75	1t2DMCYC5	20444.00	2729.04
25.81	nC7	84515.00	11045.24
29.15	MCYC6	50517.00	5167.12
29.84	22DMC6	4509.00	456.48
31.60	ECYC5	12384.00	1228.04
32.08	25DMC6	4731.00	460.13
32.48	24DMC6	5154.00	494.22
33.62	223TMC5	6057.00	562.59
36.13	234TMC5	1591.00	129.05
36.90	TOL	14726.00	1254.18
41.29	2MC7	28046.00	2052.87
44.22	3MC7	6063.00	396.70
53.32	1c4DMCYC6	4801.00	238.00
53.87	nC8	51876.00	2785.98

Gasoline Gas Chromatogram

Lab Id: L02496
GSC No: C-558687
Location: 4-13-8-15W4
Depth (m): 977.5 - 980.0



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Sample ID: L02496

GSC Catalog No: C-558687

Acquisition Date: 1998-05-07

Location: 4-13-8-15W4

UWI: 100041300815W400

Upper Depth (m): 977.5

Lower Depth (m): 980.0

Fraction: saturate

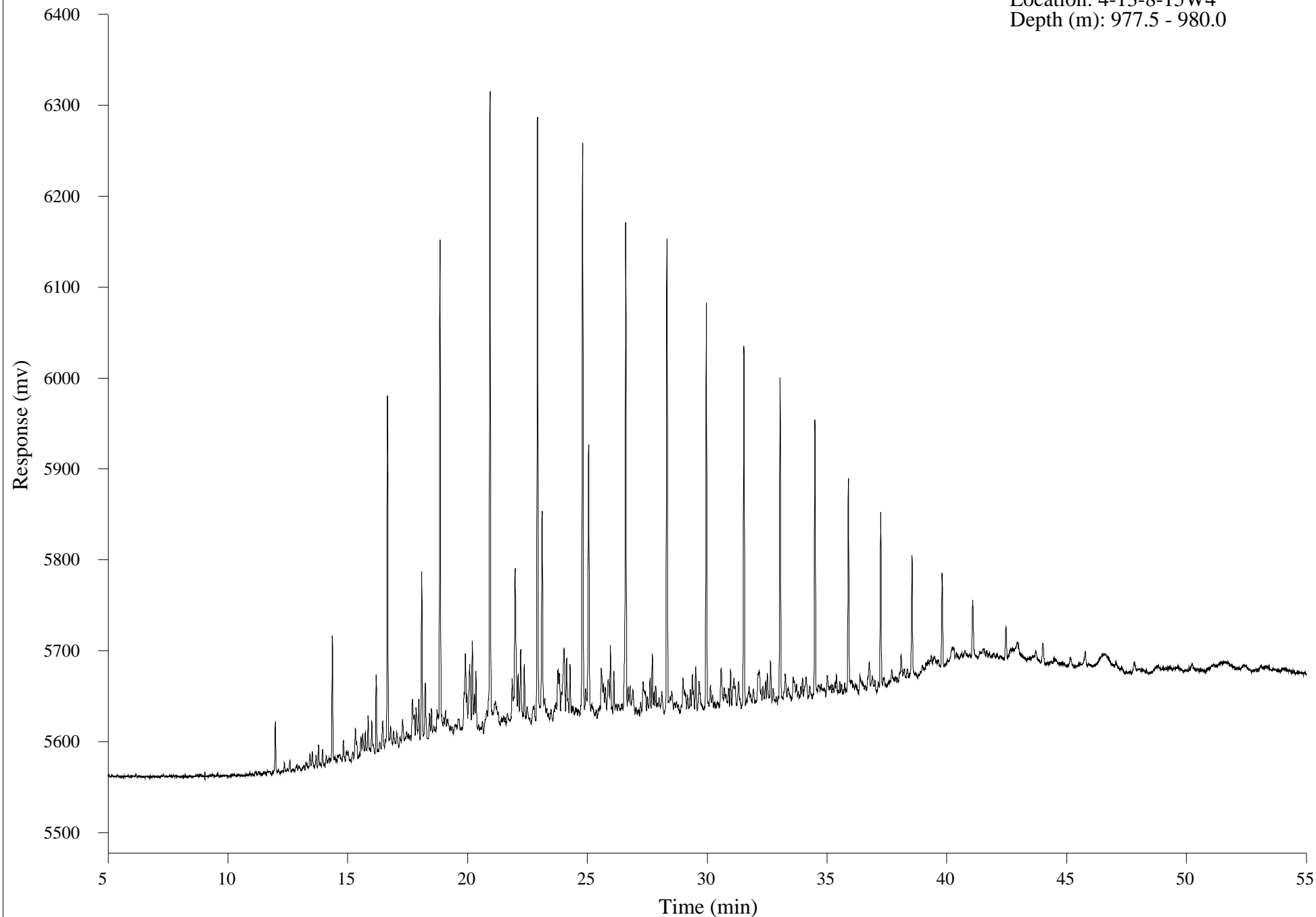
Instrument: Varian 3800 GC

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

Time	Compound Name	Area	Height
11.98	C12	139.81	56.44
14.36	C13	318.63	137.13
16.66	C14	968.30	384.19
18.85	C15	1399.70	537.80
20.94	C16	1752.18	686.23
22.92	C17	1746.39	667.46
23.11	Pr	671.25	216.23
24.80	C18	1707.05	629.92
25.05	Ph	973.97	293.58
26.60	C19	1546.95	534.44
28.32	C20	1378.94	515.02
29.97	C21	1187.82	446.39
31.53	C22	1094.21	397.85
33.04	C23	958.60	354.05
34.50	C24	828.83	302.52
35.89	C25	655.42	232.21
37.24	C26	531.20	188.69
38.55	C27	392.14	132.02
39.80	C28	291.63	102.14
41.08	C29	220.97	62.78
42.47	C30	132.16	38.05

Saturated Hydrocarbons Gas Chromatogram

Lab Id: L02496
GSC No: C-558687
Location: 4-13-8-15W4
Depth (m): 977.5 - 980.0



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: L02496

GSC Catalog No: C-558687

Acquisition Date: 1998-06-04

Location: 4-13-8-15W4

UWI: 100041300815W400

Upper Depth (m): 977.5

Lower Depth (m): 980.0

Fraction: saturate

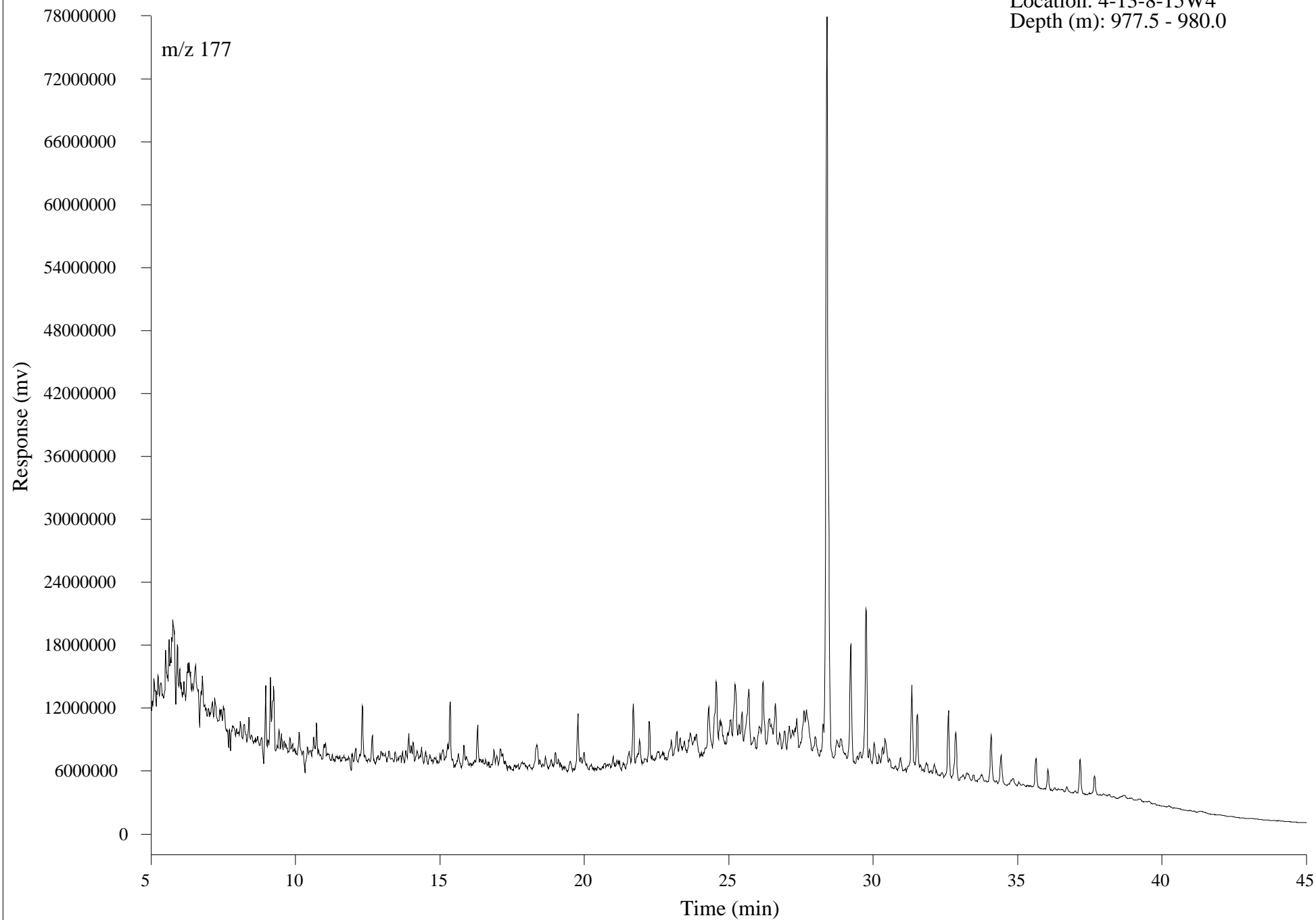
Instrument: HP 5890 GC/VG70SQ MS

MS Mode: Selected Ion Monitoring + EI

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

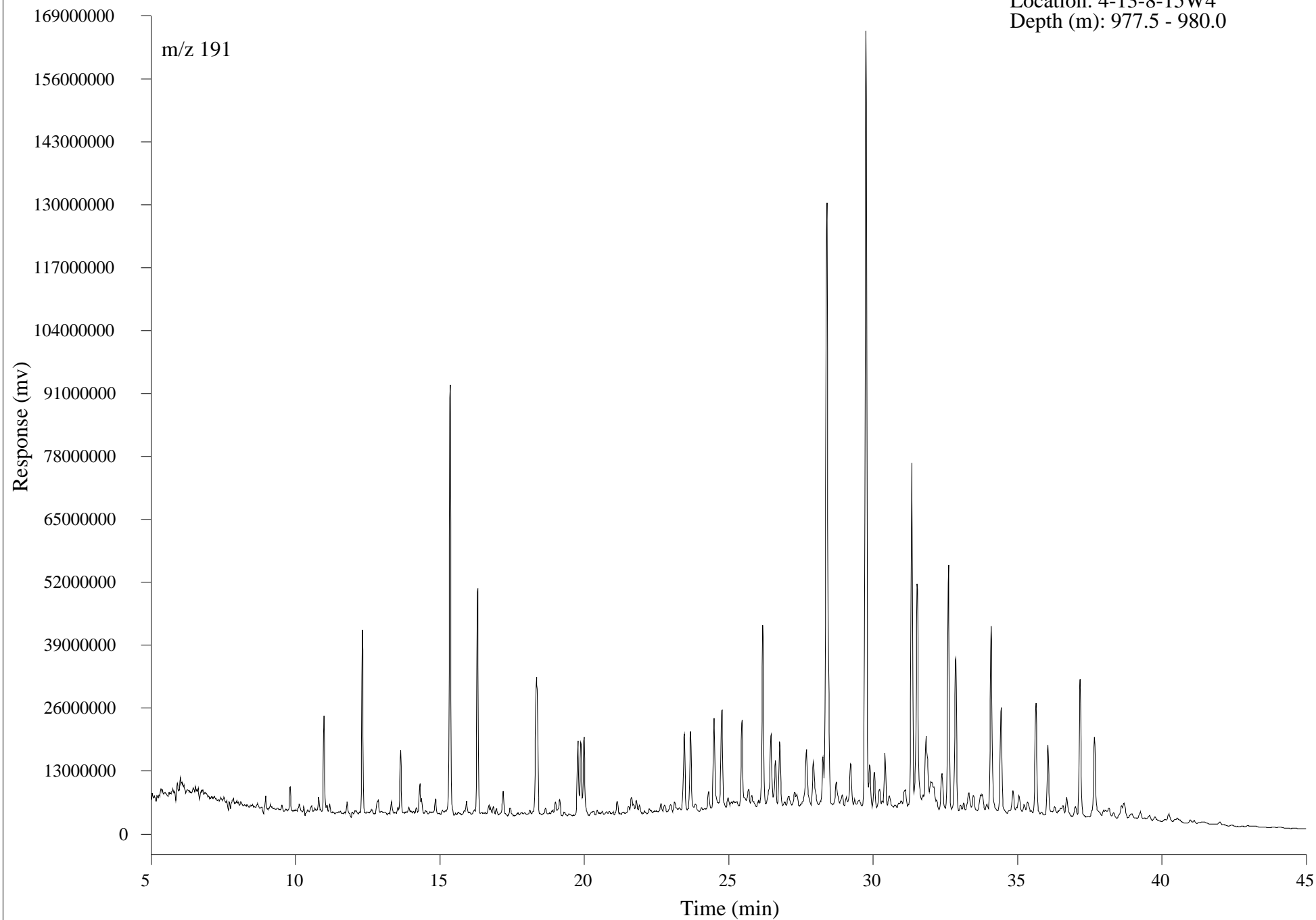
Saturated Hydrocarbons Mass Chromatogram

Lab Id: L02496
GSC No: C-558687
Location: 4-13-8-15W4
Depth (m): 977.5 - 980.0



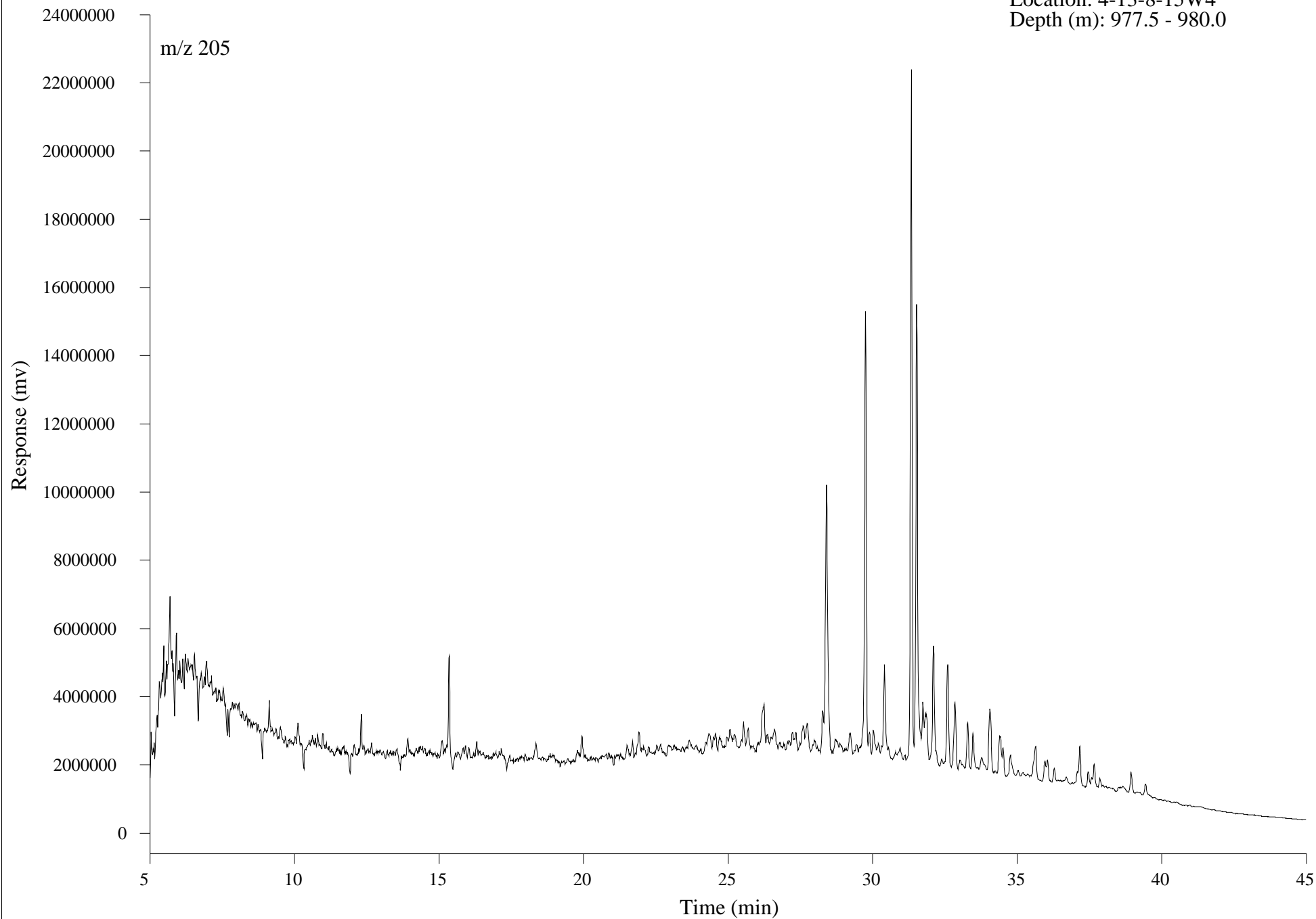
Saturated Hydrocarbons Mass Chromatogram

Lab Id: L02496
GSC No: C-558687
Location: 4-13-8-15W4
Depth (m): 977.5 - 980.0



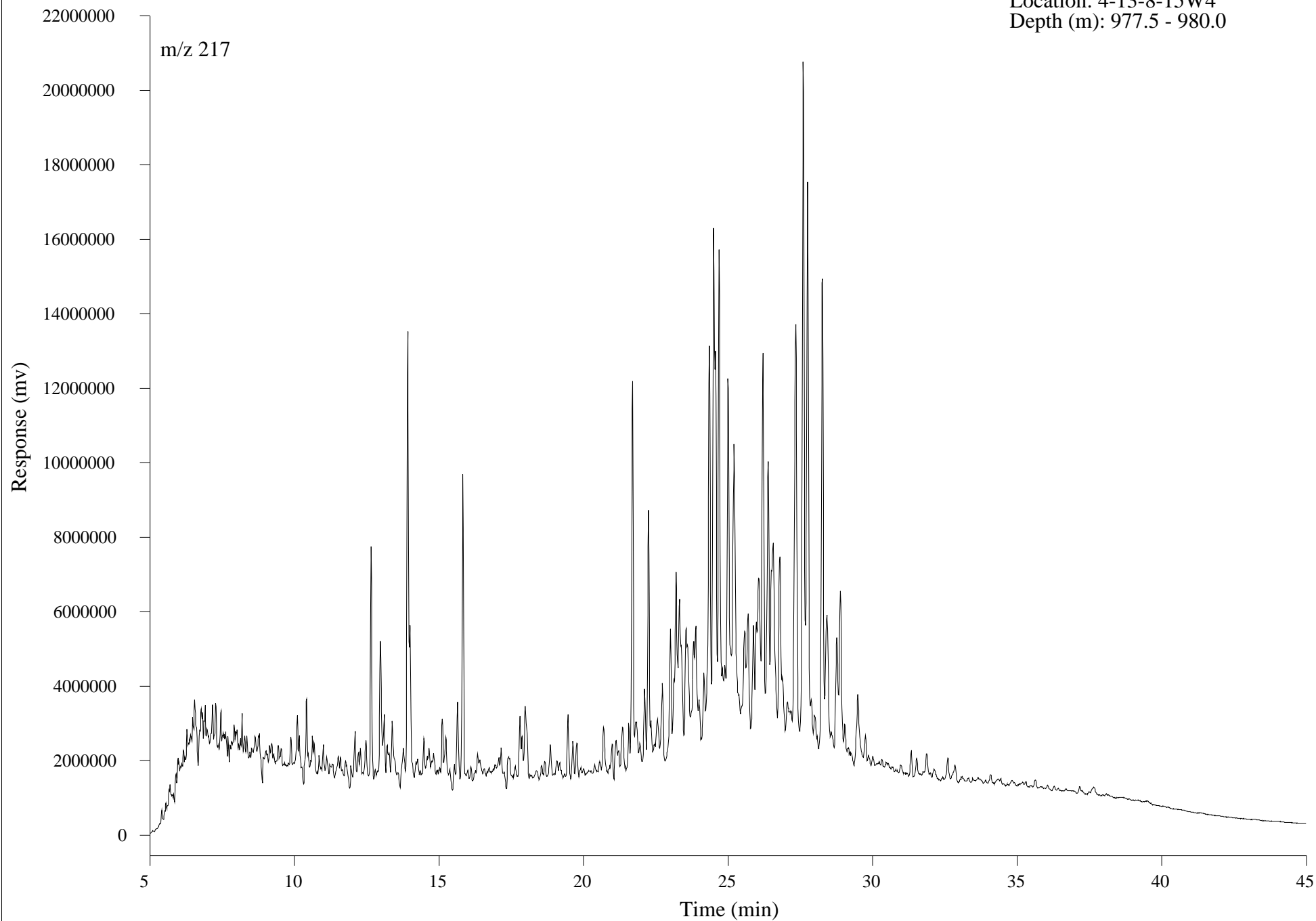
Saturated Hydrocarbons Mass Chromatogram

Lab Id: L02496
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Location: 4-13-8-15W4
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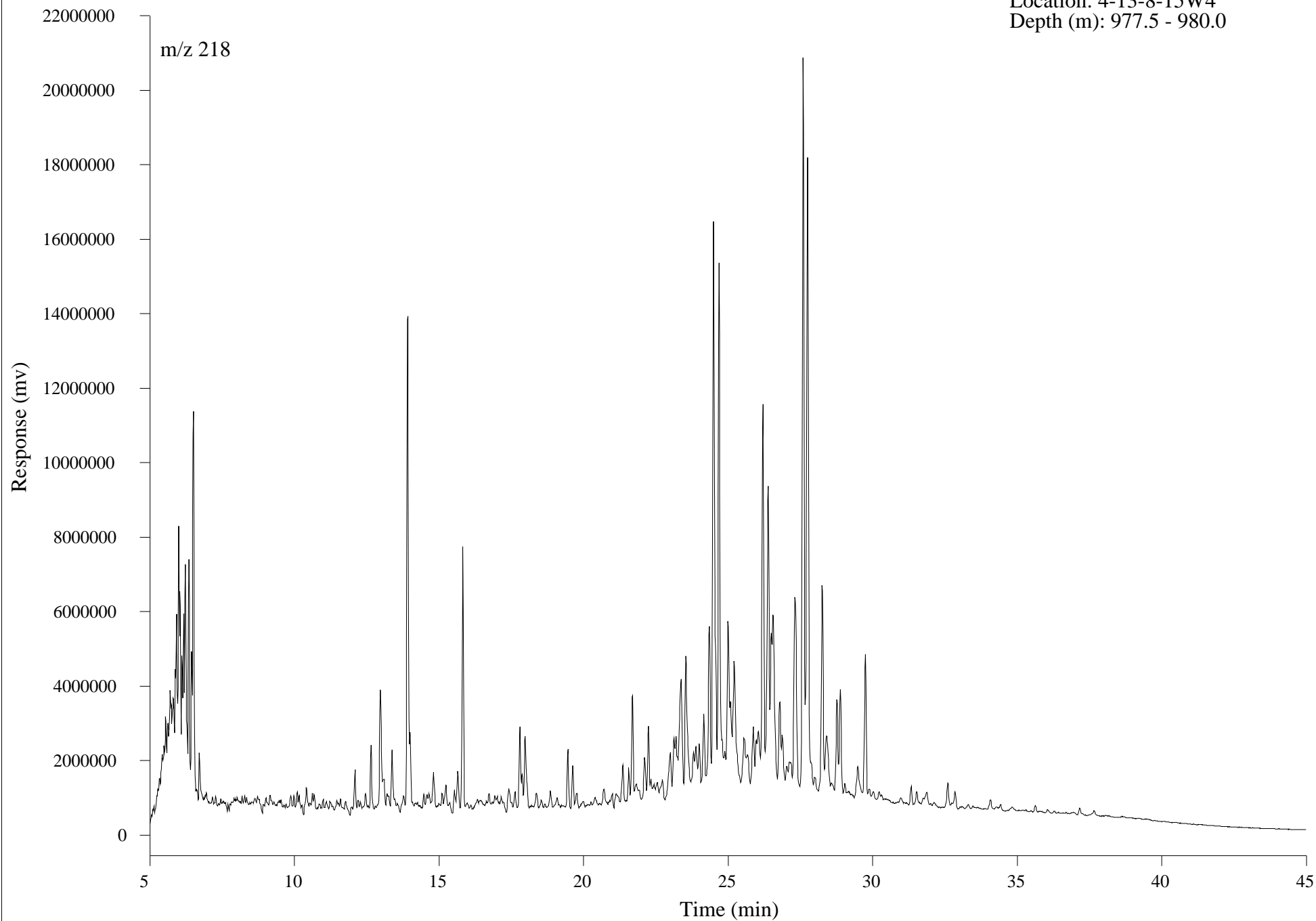
Saturated Hydrocarbons Mass Chromatogram

Lab Id: L02496
GSC No: C-558687
Location: 4-13-8-15W4
Depth (m): 977.5 - 980.0



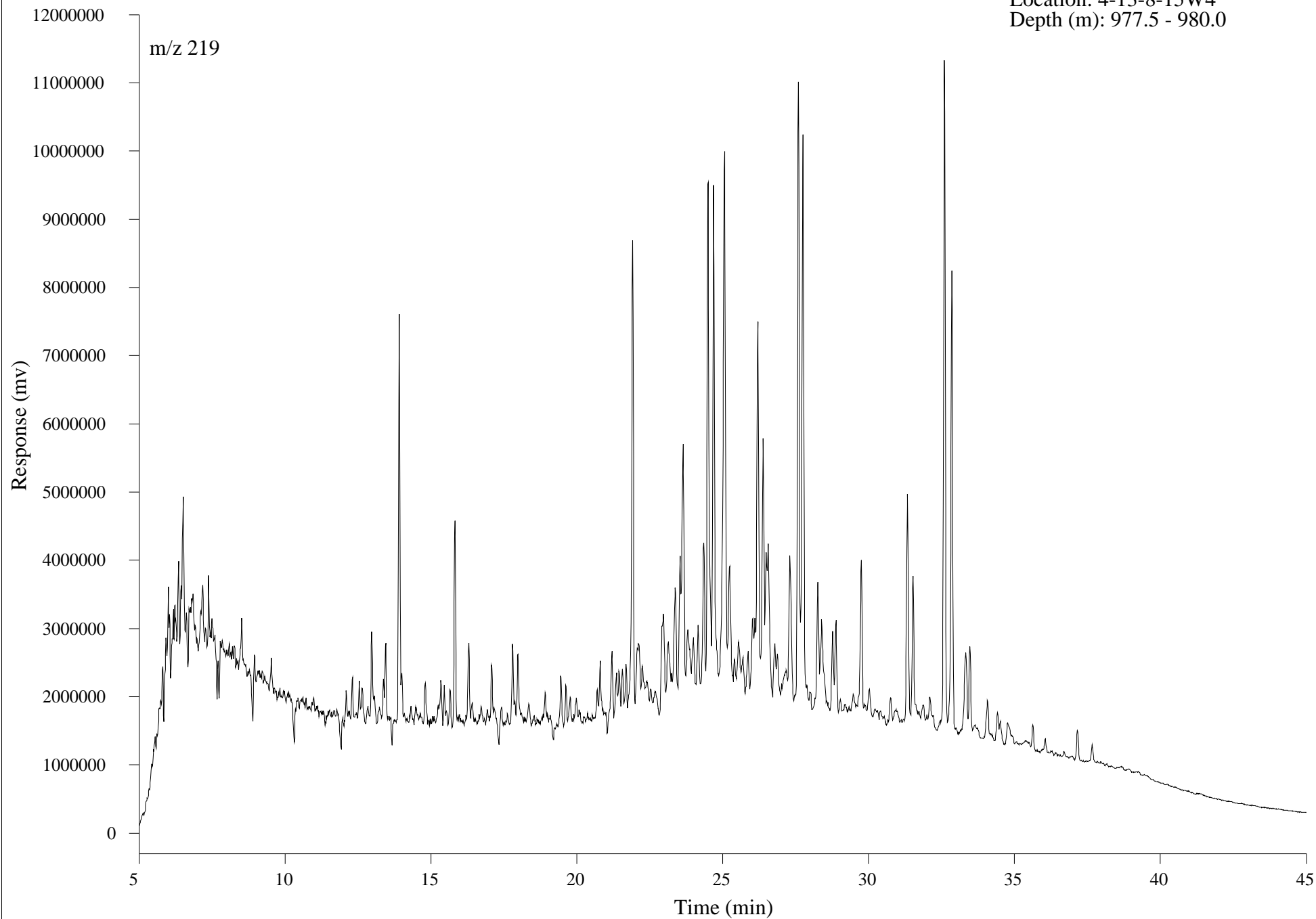
Saturated Hydrocarbons Mass Chromatogram

Lab Id: L02496
GSC No: C-558687
Location: 4-13-8-15W4
Depth (m): 977.5 - 980.0



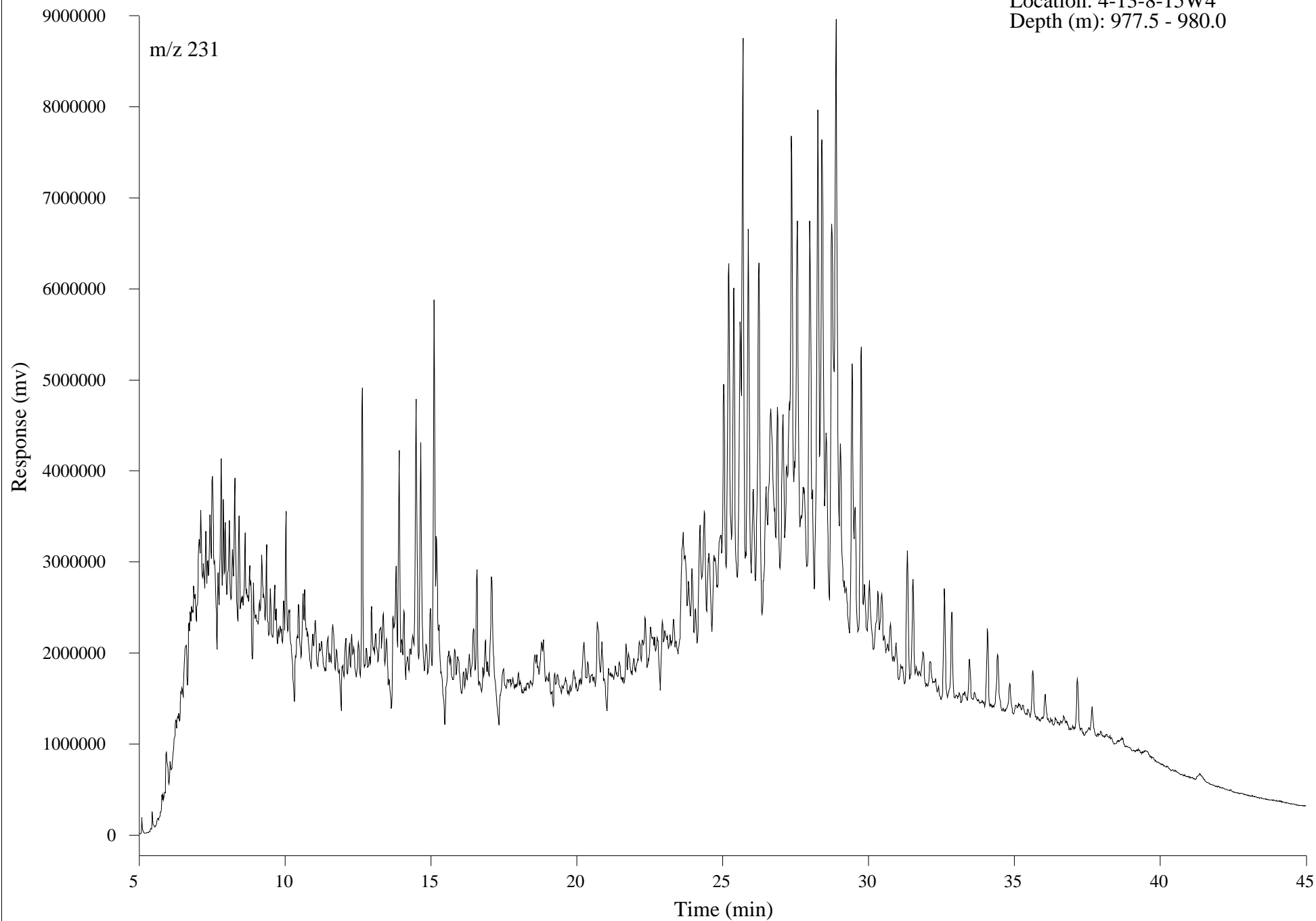
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Lab Id: L02496
GSC No: C-558687
Location: 4-13-8-15W4
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Saturated Hydrocarbons Mass Chromatogram

Lab Id: L02496
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Location: 4-13-8-15W4
Depth (m): 977.5 - 980.0



Saturated Hydrocarbons Mass Chromatogram

Lab Id: L02496
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