

# 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: L01950

GSC Catalog No: C-559659

Acquisition Date: 1995-07-25

Location: 1-24-19-21W4

UWI: 100012401921W400

Upper Depth (m): 1448.0

Lower Depth (m): 1453.7

Fraction: gasoline

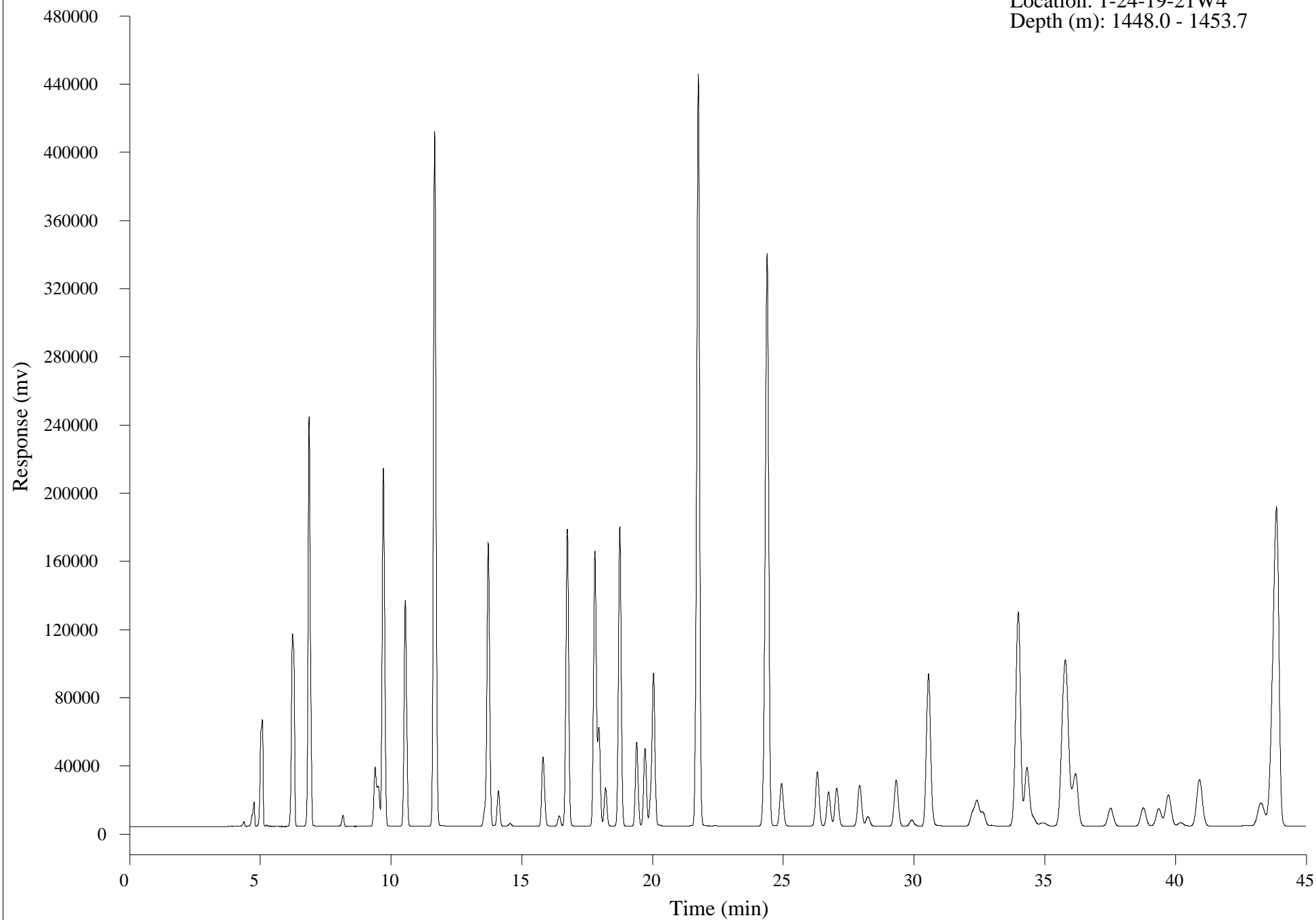
Instrument: HP 5890 GC

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

Time	Compound Name	Area	Height
6.24	iC5	862364.00	112916.52
6.87	nC5	1446383.00	240550.81
8.17	22DMC4	38393.00	6623.72
9.39	CYC5	242650.00	34878.35
9.50	23DMC4	140561.00	23538.48
9.71	2MC5	1385474.00	210164.68
10.55	3MC5	899861.00	132836.05
11.67	nC6	2713633.00	408088.01
13.60	22DMC5	62905.00	14062.00
13.72	MCYC5	1224278.00	167782.00
14.11	24DMC5	141908.00	20711.46
14.55	223TMC4	11874.00	1664.24
15.81	BEN	312051.00	40540.15
16.43	33DMC5	42709.00	5997.21
16.74	CYC6	1279351.00	174234.01
17.80	2MC6	1205647.00	161431.54
17.95	23DMC5	372204.00	57964.82
18.20	11DMCYC5	166394.00	22428.66
18.75	3MC6	1292016.00	175663.23
19.40	1c3DMCYC5	366653.00	49226.98
19.72	1t3DMCYC5	341383.00	45491.16
20.04	1t2DMCYC5	776451.00	89684.55
21.75	nC7	3464376.00	441496.30
24.39	MCYC6	3135537.00	336193.92
24.93	22DMC6	242142.00	25012.84
26.31	ECYC5	306152.00	31904.74
26.74	25DMC6	197805.00	20078.83
27.05	24DMC6	221345.00	22066.62
27.93	223TMC5	249452.00	23977.79
29.92	234TMC5	43292.00	3640.53
30.56	TOL	1018417.00	89262.79
33.99	2MC7	1614124.00	125420.15
36.18	3MC7	439000.00	30781.55
43.27	1c4DMCYC6	242145.00	13646.34
43.87	nC8	3103894.00	187268.18

# Gasoline Gas Chromatogram

Lab Id: L01950  
GSC No: C-559659  
Location: 1-24-19-21W4  
Depth (m): 1448.0 - 1453.7



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Sample ID: L01950

GSC Catalog No: C-559659

Acquisition Date: 1996-03-12

Location: 1-24-19-21W4

UWI: 100012401921W400

Upper Depth (m): 1448.0

Lower Depth (m): 1453.7

Fraction: saturate

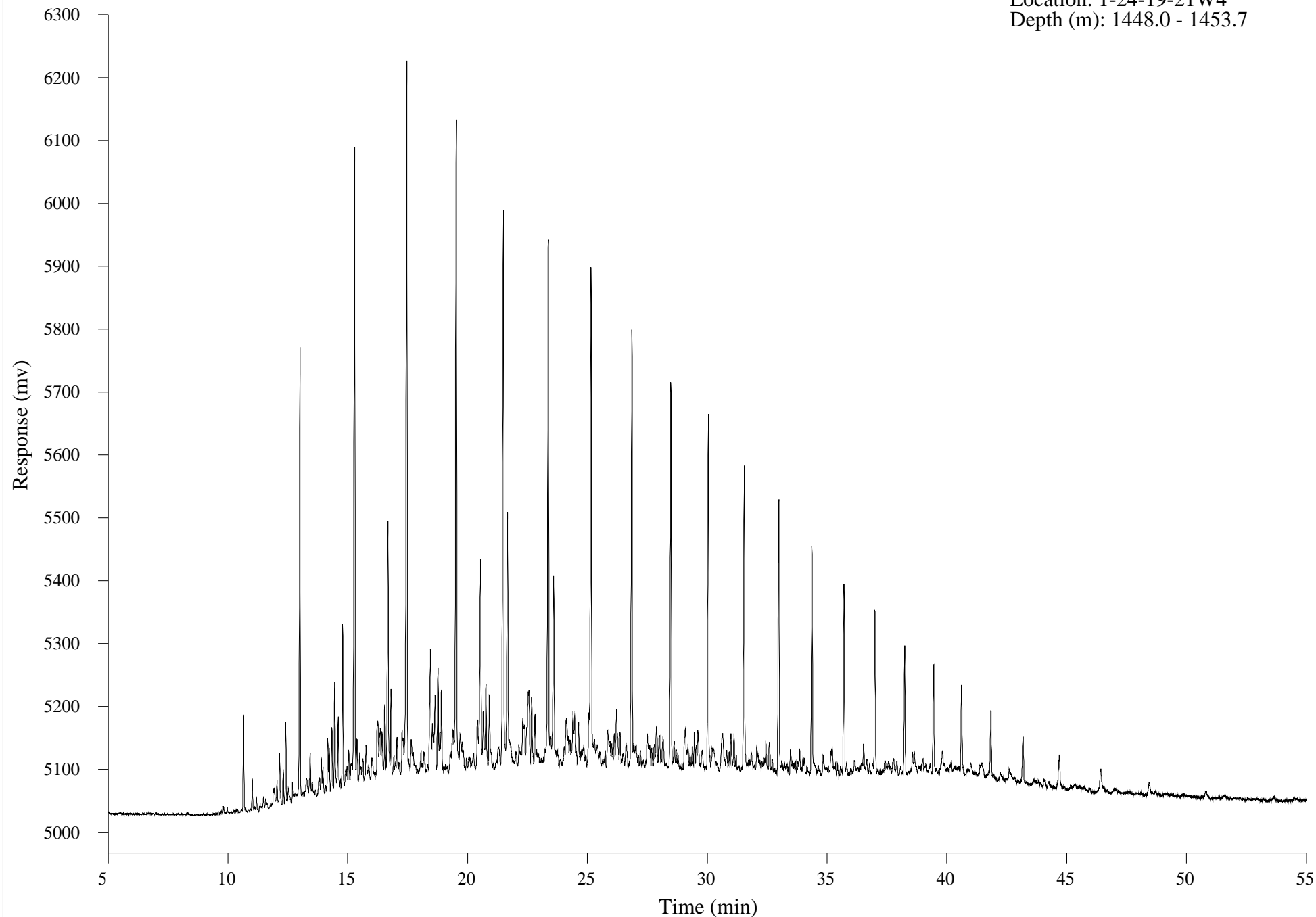
Instrument: Varian 3800 GC

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

Time	Compound Name	Area	Height
10.65	C12	342.03	152.15
13.01	C13	1708.67	710.92
15.29	C14	2985.91	1013.55
17.46	C15	3457.11	1099.46
19.53	C16	3219.92	1029.79
21.50	C17	3027.00	872.12
21.67	Pr	1165.17	372.37
23.37	C18	2461.75	804.53
23.59	Ph	904.89	276.53
25.15	C19	2550.86	783.94
26.86	C20	1996.10	670.94
28.49	C21	1817.42	606.61
30.05	C22	1616.26	565.02
31.55	C23	1433.84	478.57
32.99	C24	1245.12	431.72
34.37	C25	1011.55	351.33
35.71	C26	877.29	297.56
37.00	C27	692.92	256.30
38.25	C28	604.26	203.16
39.45	C29	513.65	174.36
40.62	C30	433.24	140.39
41.84	C31	323.73	103.50
43.18	C32	296.43	77.23

# Saturated Hydrocarbons Gas Chromatogram

Lab Id: L01950  
GSC No: C-559659  
Location: 1-24-19-21W4  
Depth (m): 1448.0 - 1453.7



# 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: L01950

GSC Catalog No: C-559659

Acquisition Date: 1996-04-10

Location: 1-24-19-21W4

UWI: 100012401921W400

Upper Depth (m): 1448.0

Lower Depth (m): 1453.7

Fraction: saturate

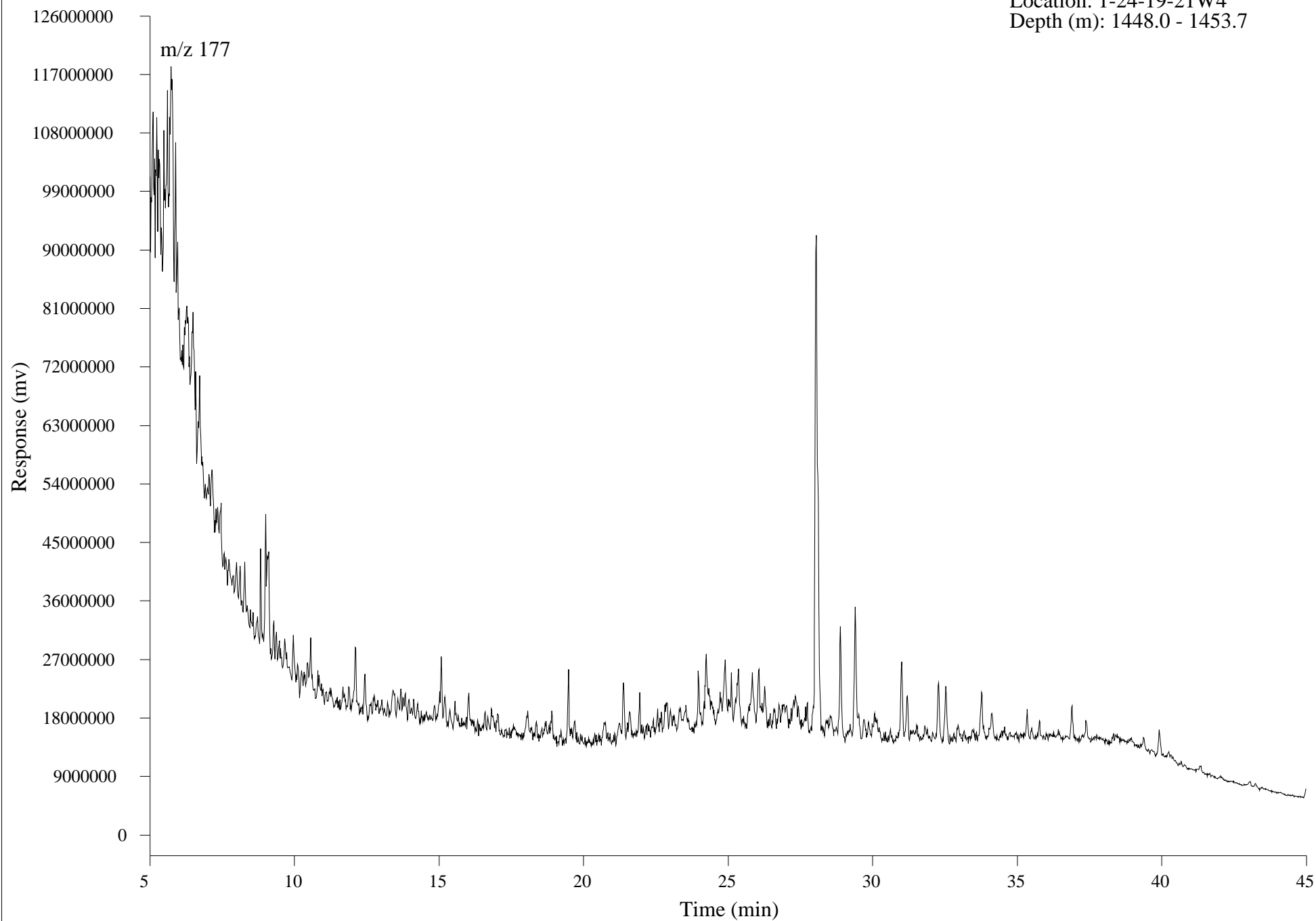
Instrument: HP 5890 GC/VG70SQ MS

MS Mode: Selected Ion Monitoring + EI

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

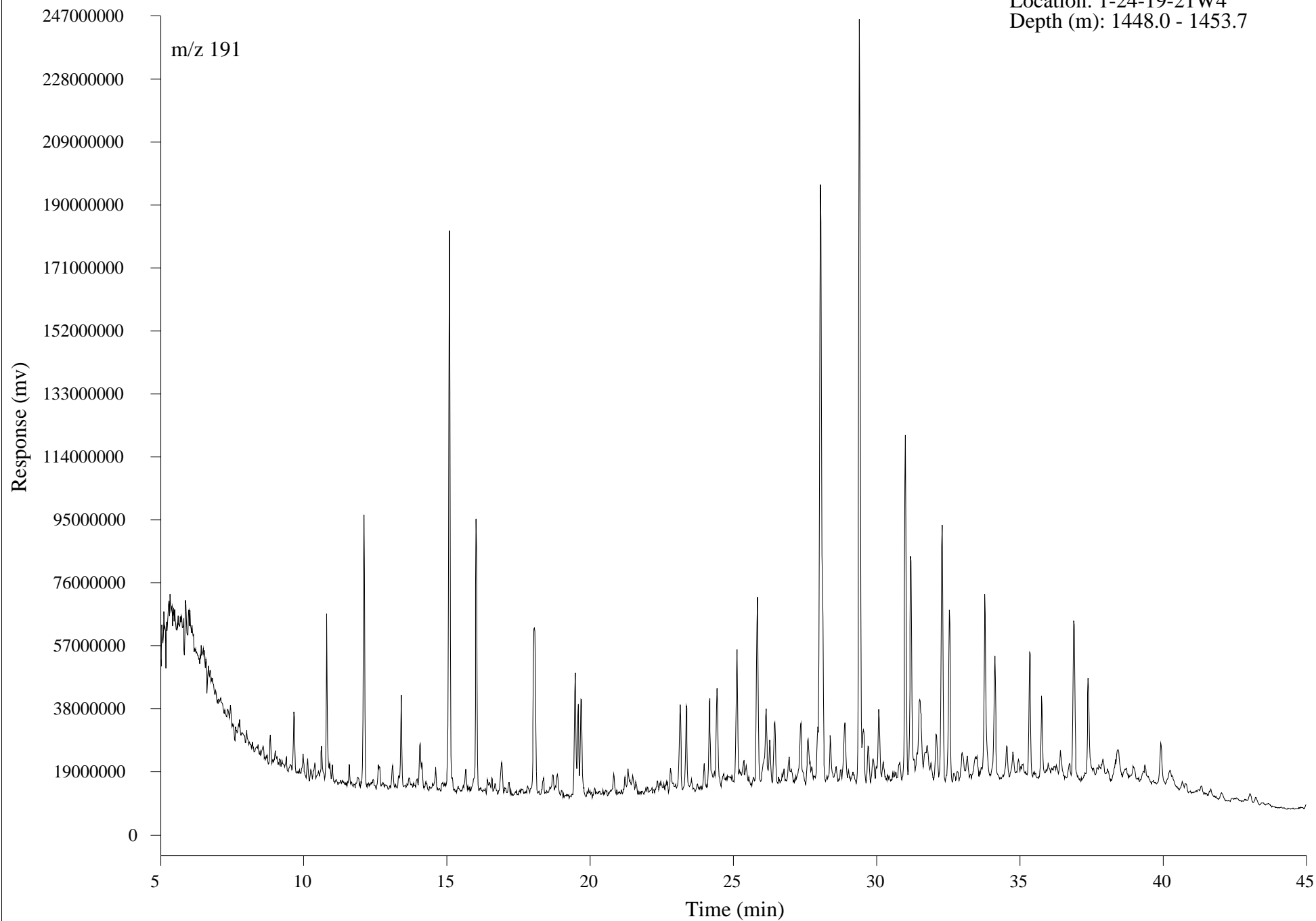
# Saturated Hydrocarbons Mass Chromatogram

Lab Id: L01950  
GSC No: C-559659  
Location: 1-24-19-21W4  
Depth (m): 1448.0 - 1453.7



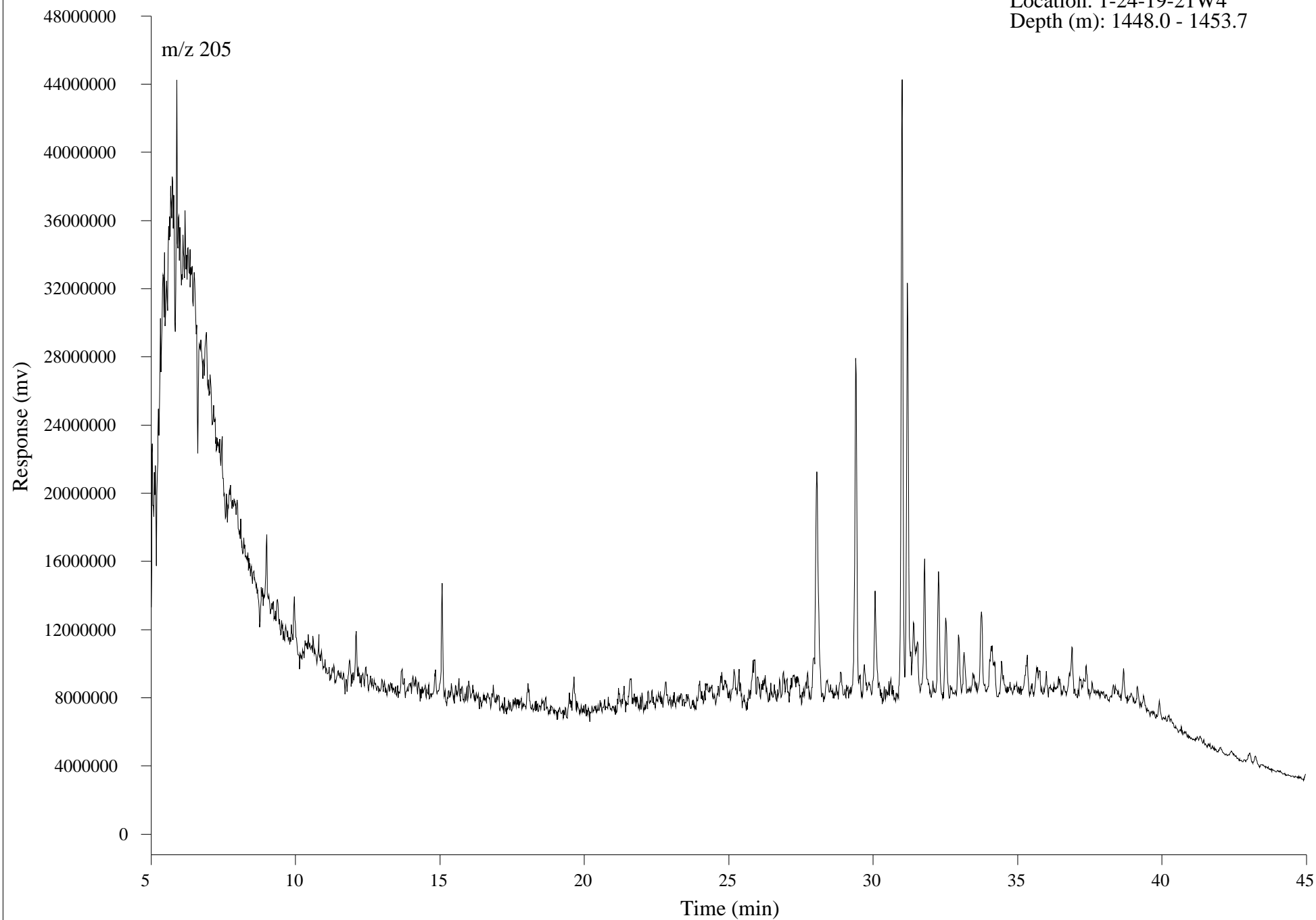
# Saturated Hydrocarbons Mass Chromatogram

Lab Id: L01950  
GSC No: C-559659  
Location: 1-24-19-21W4  
Depth (m): 1448.0 - 1453.7



# Saturated Hydrocarbons Mass Chromatogram

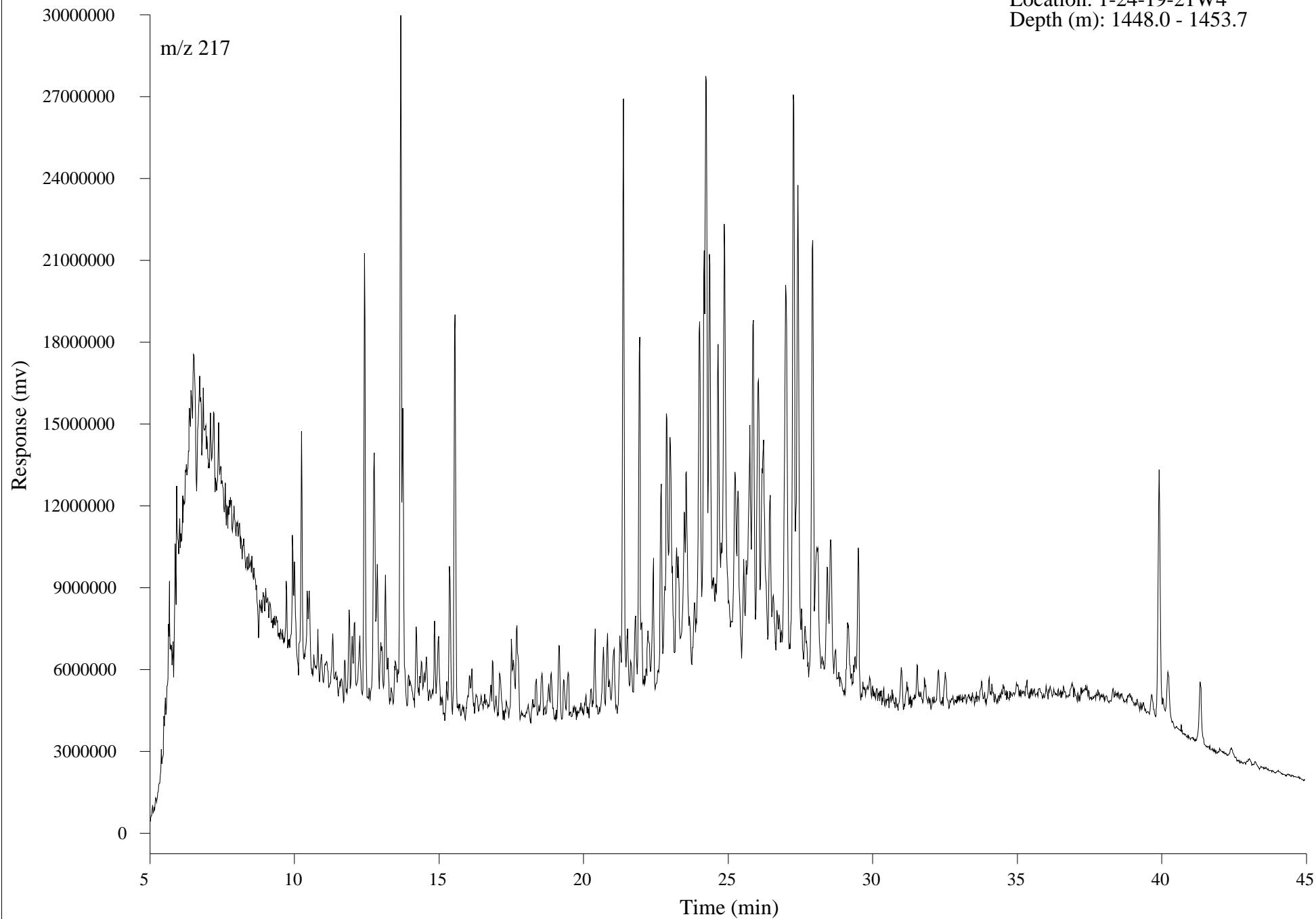
Lab Id: L01950  
GSC No: C-559659  
Location: 1-24-19-21W4  
Depth (m): 1448.0 - 1453.7





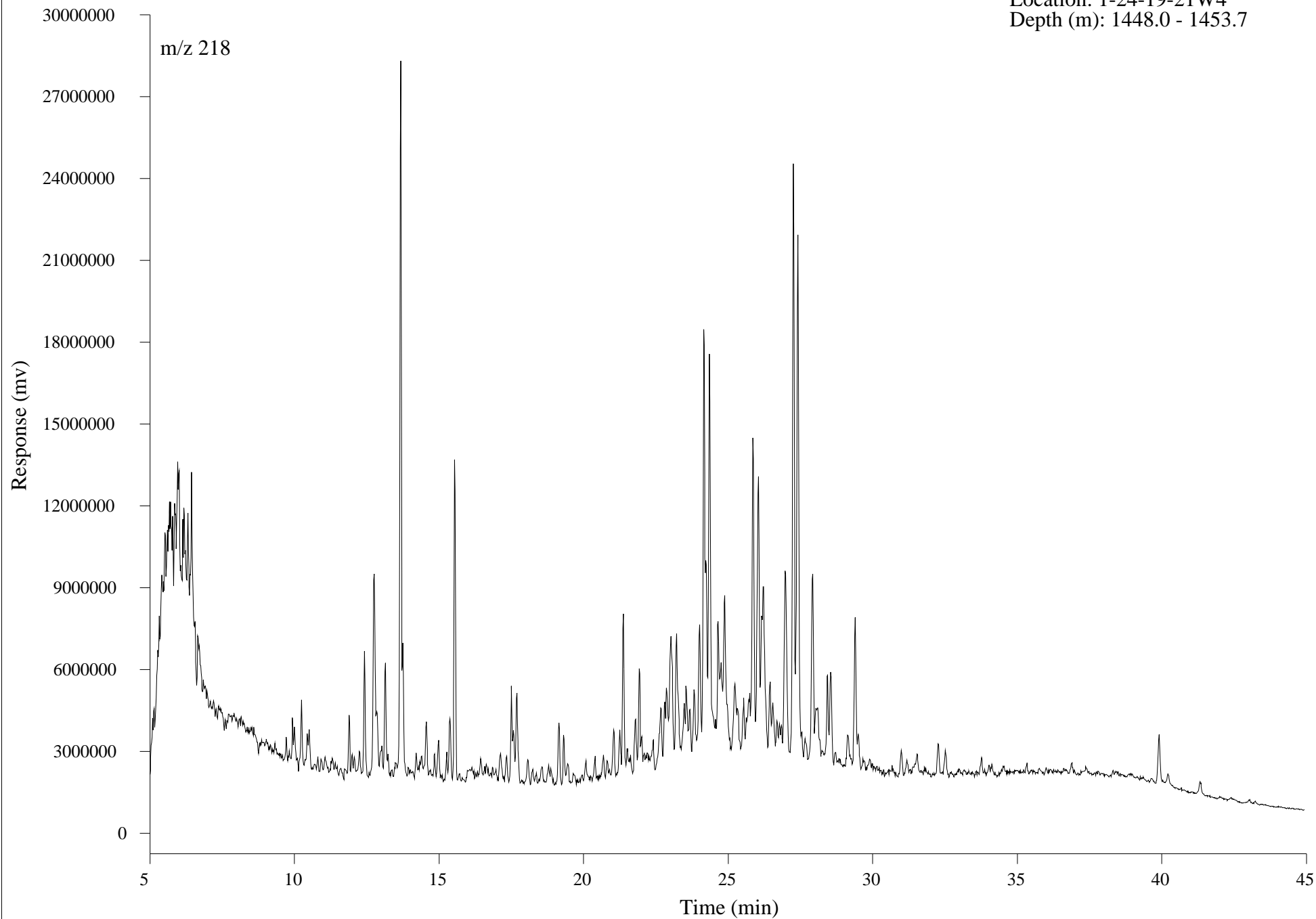
# Saturated Hydrocarbons Mass Chromatogram

Lab Id: L01950  
GSC No: C-559659  
Location: 1-24-19-21W4  
Depth (m): 1448.0 - 1453.7



# Saturated Hydrocarbons Mass Chromatogram

Lab Id: L01950  
GSC No: C-559659  
Location: 1-24-19-21W4  
Depth (m): 1448.0 - 1453.7



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Lab Id: L01950  
GSC No: C-559659  
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