

# 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: L01427

GSC Catalog No: C-558220

Acquisition Date: 1992-03-30

Location: 8-27-35-6W4

UWI: 100082703506W400

Upper Depth (m): 655.7

Lower Depth (m):

Fraction: gasoline

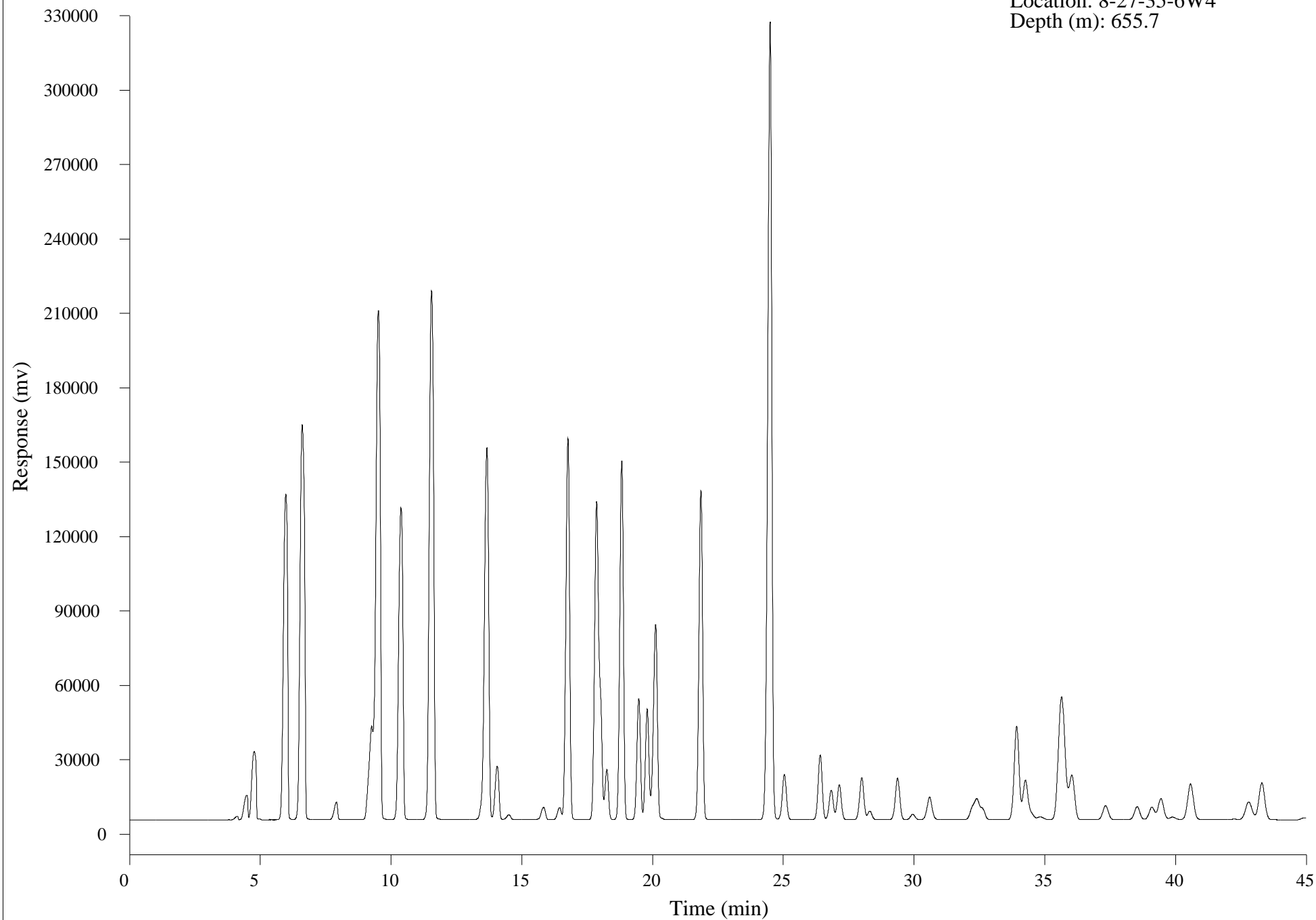
Instrument: HP 5890 GC

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

Time	Compound Name	Area	Height
5.98	iC5	1440101.00	131231.42
6.61	nC5	1901365.00	159241.79
7.91	22DMC4	66448.00	7080.98
9.26	CYC5	382226.00	37793.42
9.52	2MC5	2455254.00	205432.26
10.38	3MC5	1405203.00	125738.30
11.55	nC6	2467630.00	213214.92
13.67	MCYC5	1702145.00	149804.63
14.06	24DMC5	220008.00	21500.81
14.51	223TMC4	19464.00	1903.20
15.83	BEN	54548.00	4881.62
16.44	33DMC5	47572.00	4862.17
16.77	CYC6	1544122.00	153844.48
17.86	2MC6	1388682.00	128198.00
18.00	23DMC5	235357.00	53687.00
18.26	11DMCYC5	190783.00	20720.50
18.83	3MC6	1383289.00	144662.53
19.48	1c3DMCYC5	464701.00	48715.74
19.80	1t3DMCYC5	429062.00	44580.77
20.12	1t2DMCYC5	829497.00	78766.33
21.85	nC7	1286968.00	132612.65
24.50	MCYC6	3466958.00	321850.93
25.04	22DMC6	202471.00	18282.96
26.42	ECYC5	281277.00	25998.50
26.84	25DMC6	130409.00	11821.71
27.15	24DMC6	156060.00	14148.48
28.01	223TMC5	194610.00	16933.26
29.96	234TMC5	25995.00	2134.44
30.60	TOL	121129.00	9114.50
33.93	2MC7	499092.00	37737.64
36.04	3MC7	257404.00	18069.71
42.80	1c4DMCYC6	123632.00	7089.70
43.31	nC8	237112.00	14830.61

# Gasoline Gas Chromatogram

Lab Id: L01427  
GSC No: C-558220  
Location: 8-27-35-6W4  
Depth (m): 655.7



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Sample ID: L01427

GSC Catalog No: C-558220

Acquisition Date: 1992-04-14

Location: 8-27-35-6W4

UWI: 100082703506W400

Upper Depth (m): 655.7

Lower Depth (m):

Fraction: saturate

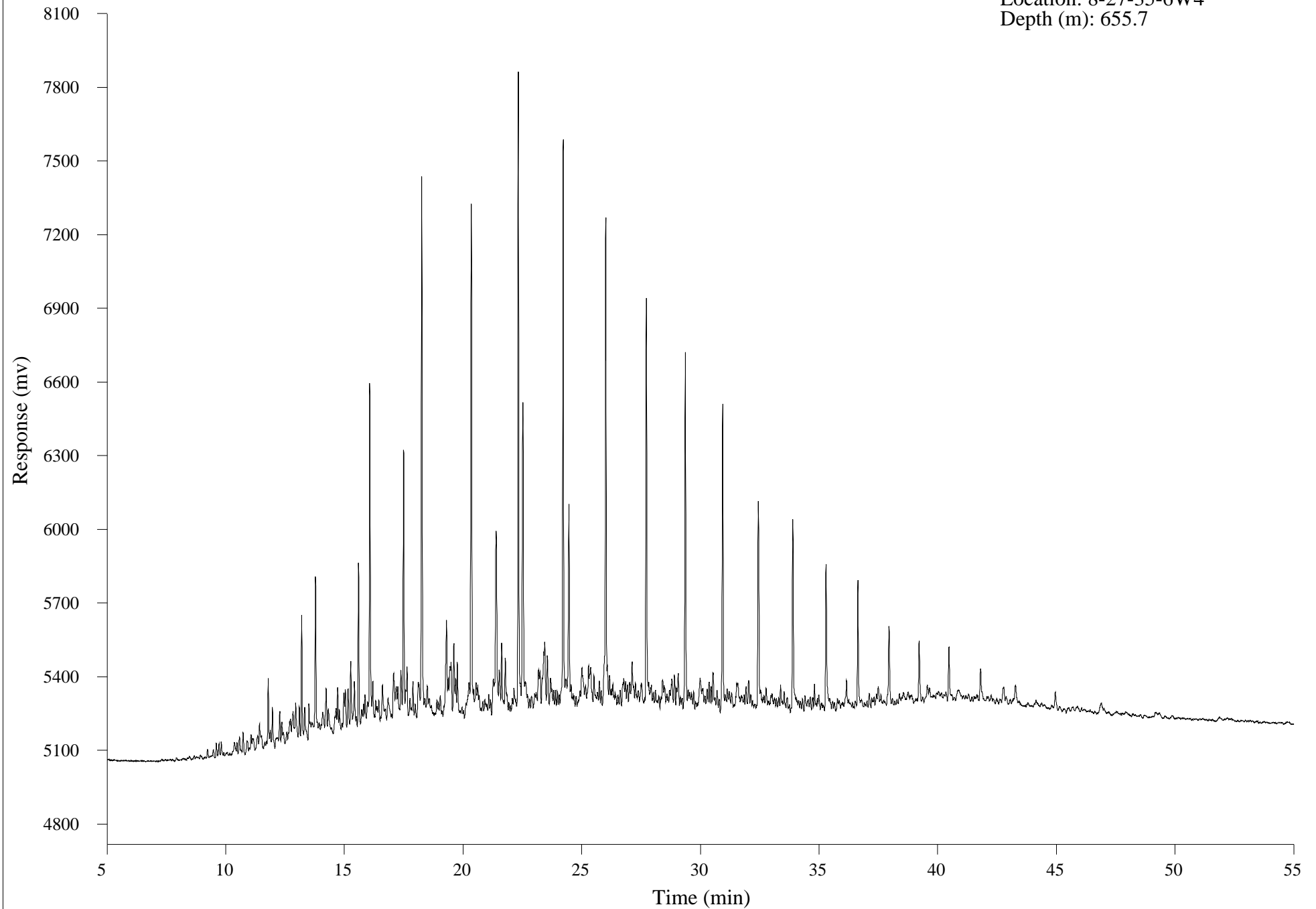
Instrument: Varian 3800 GC

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

Time	Compound Name	Area	Height
11.79	C12	659.02	269.08
13.79	C13	1622.50	618.37
16.07	C14	3661.66	1364.81
18.26	C15	5574.53	2149.94
20.35	C16	5669.42	1998.11
22.33	C17	6134.11	2552.32
22.53	Pr	3808.88	1171.87
24.22	C18	5681.64	2289.59
24.47	Ph	2281.90	771.89
26.02	C19	4959.35	1894.02
27.73	C20	4234.77	1610.78
29.37	C21	3730.57	1408.57
30.94	C22	3461.36	1250.69
32.45	C23	2495.05	814.02
33.90	C24	2285.93	762.06
35.30	C25	1865.89	585.96
36.64	C26	1359.64	514.85
37.96	C27	1224.51	323.35
39.23	C28	796.73	246.20
40.48	C29	650.47	211.01
41.81	C30	535.25	127.97
43.28	C31	301.83	65.14
44.96	C32	285.33	68.90

# Saturated Hydrocarbons Gas Chromatogram

Lab Id: L01427  
GSC No: C-558220  
Location: 8-27-35-6W4  
Depth (m): 655.7



# 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: L01427

GSC Catalog No: C-558220

Acquisition Date: 1992-04-28

Location: 8-27-35-6W4

UWI: 100082703506W400

Upper Depth (m): 655.7

Lower Depth (m):

Fraction: saturate

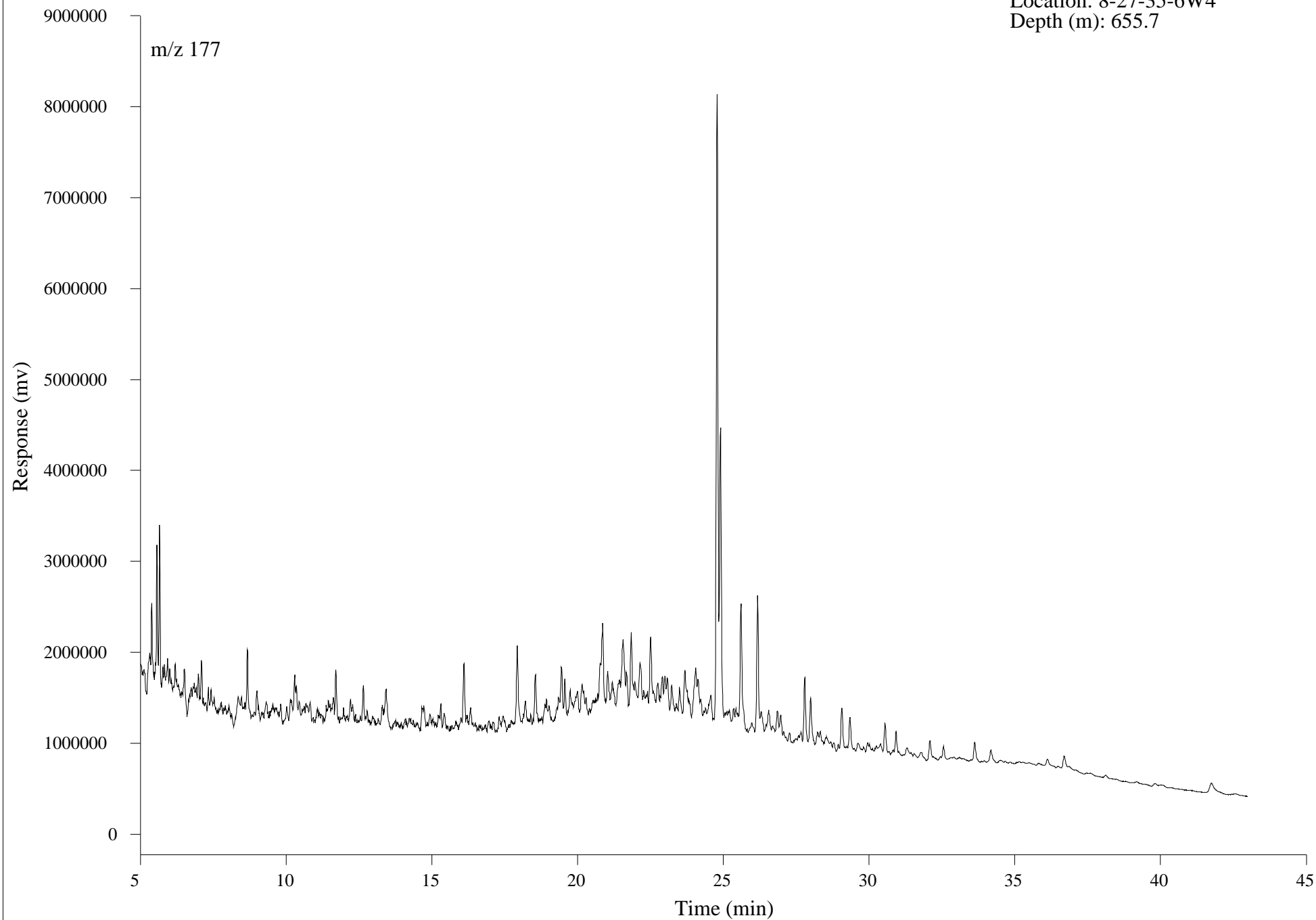
Instrument: HP 5890 GC/VG70SQ MS

MS Mode: Selected Ion Monitoring + EI

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

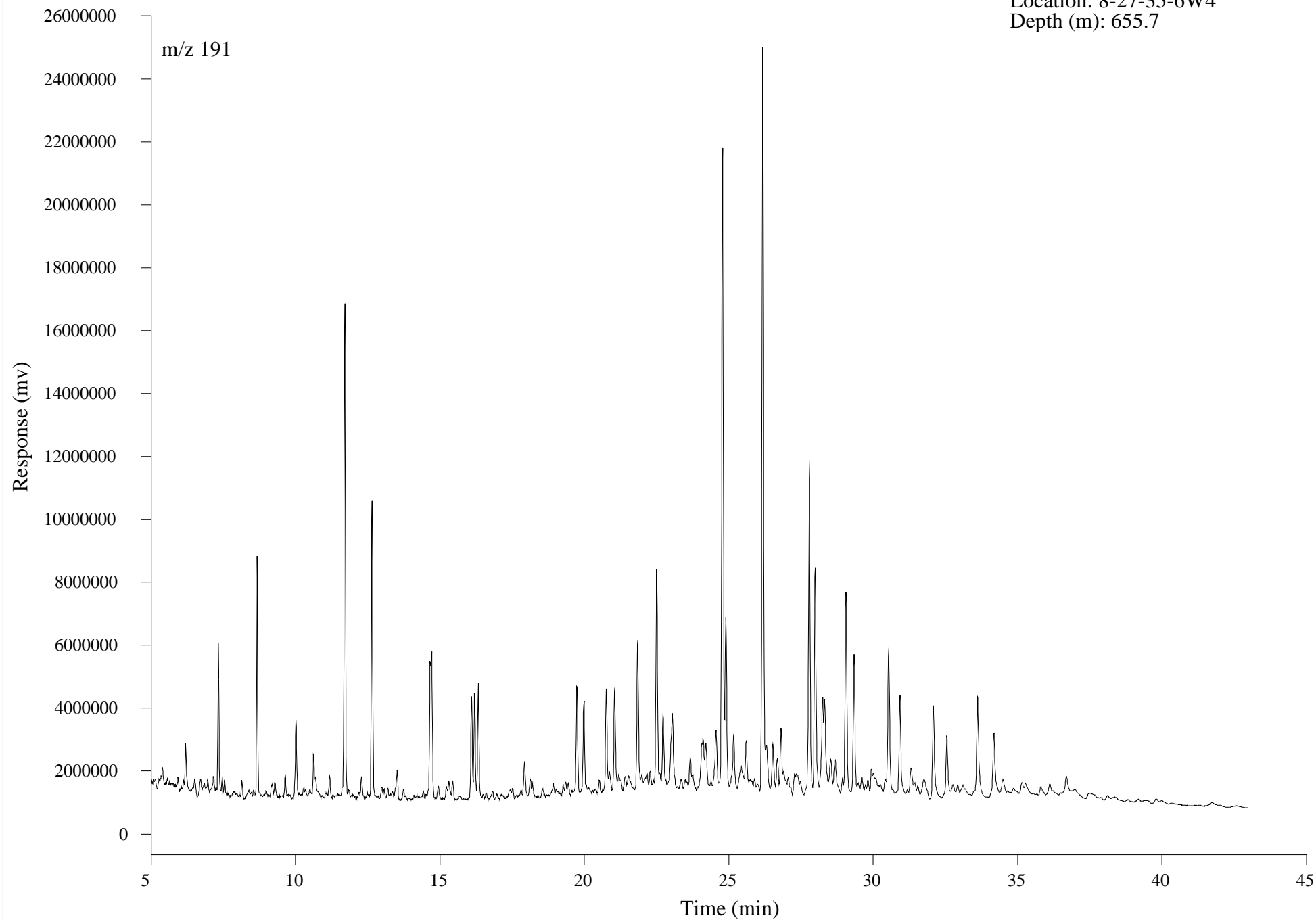
# Saturated Hydrocarbons Mass Chromatogram

Lab Id: L01427  
GSC No: C-558220  
Location: 8-27-35-6W4  
Depth (m): 655.7



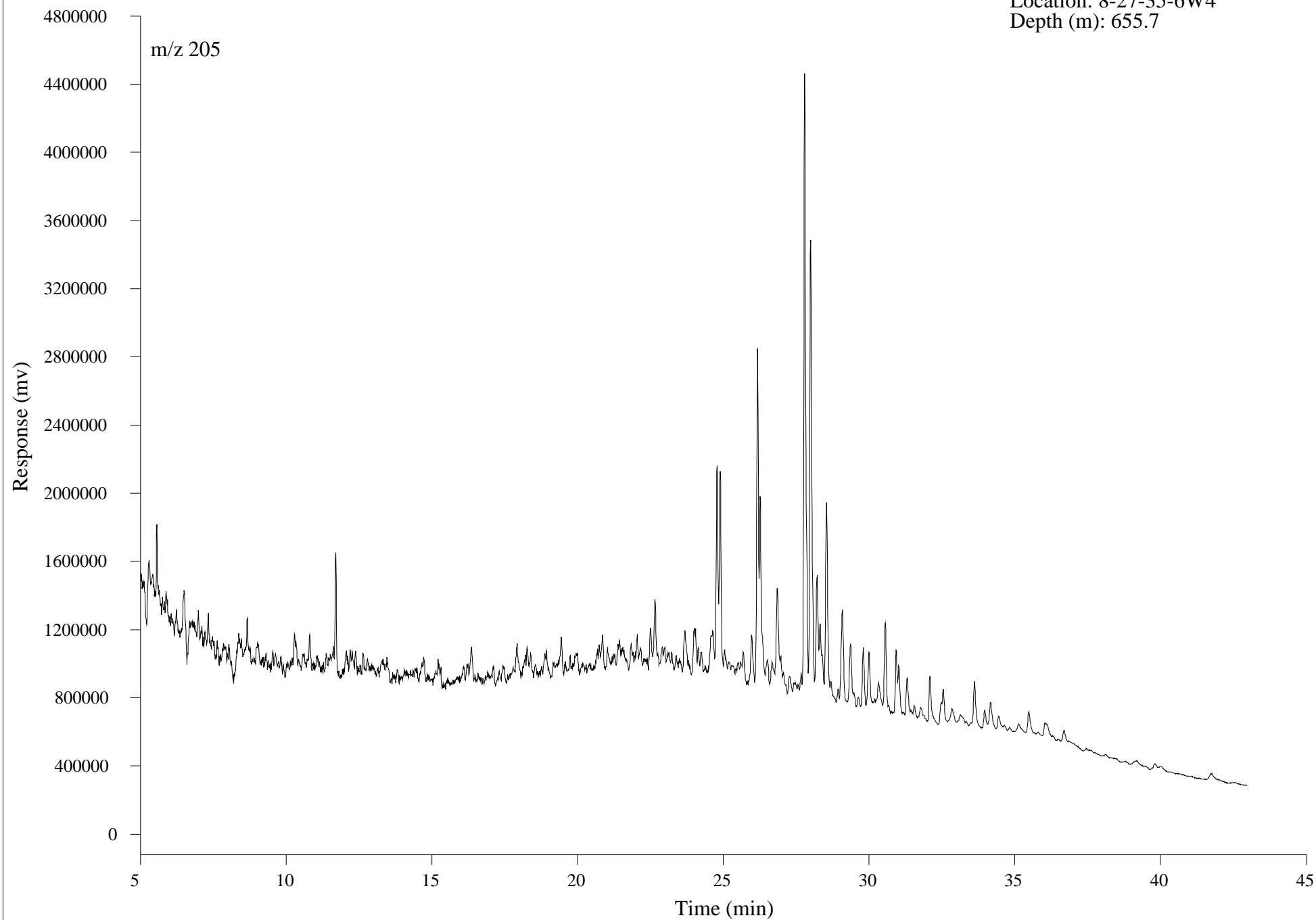
# Saturated Hydrocarbons Mass Chromatogram

Lab Id: L01427  
GSC No: C-558220  
Location: 8-27-35-6W4  
Depth (m): 655.7



# Saturated Hydrocarbons Mass Chromatogram

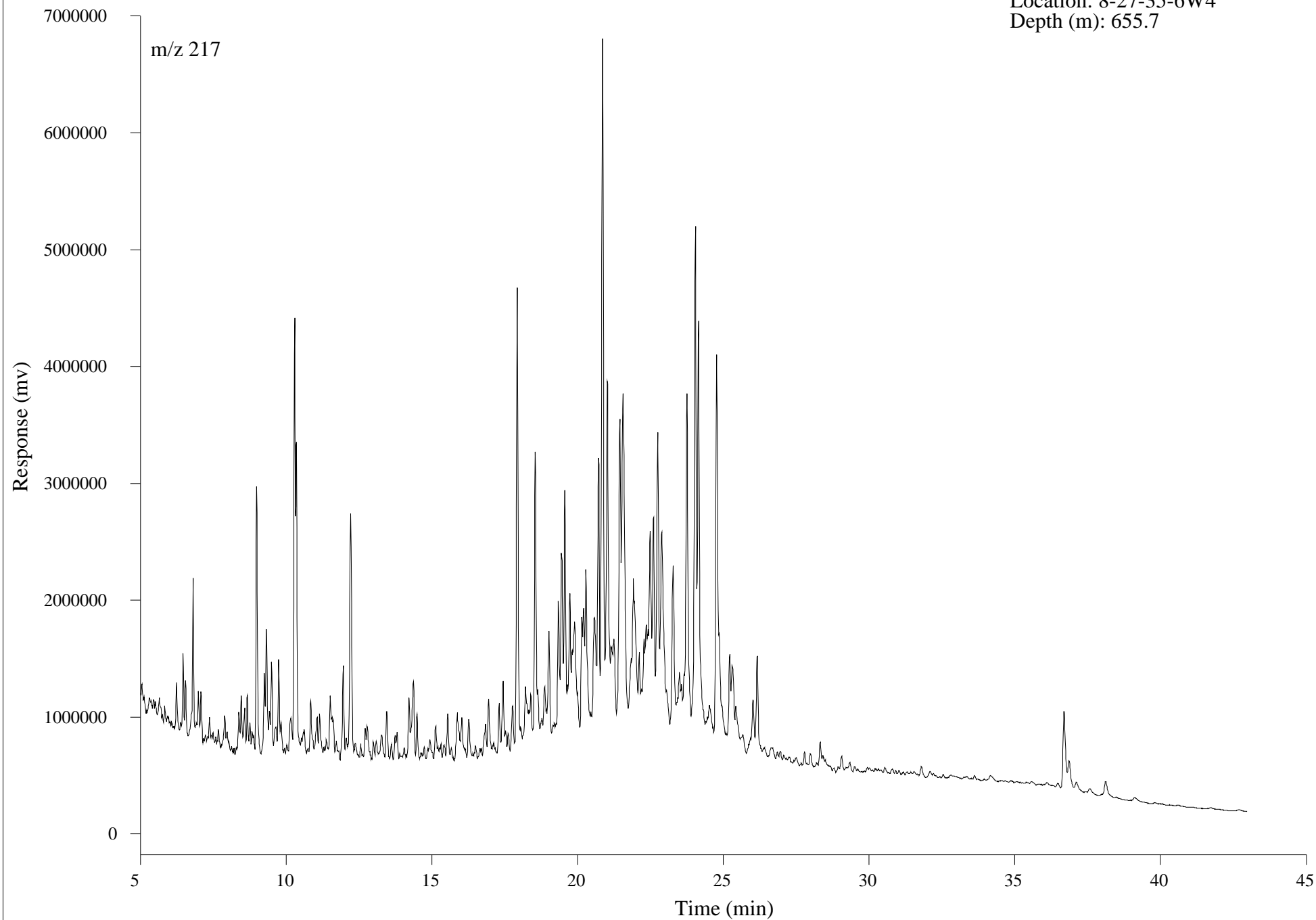
Lab Id: L01427  
GSC No: C-558220  
Location: 8-27-35-6W4  
Depth (m): 655.7





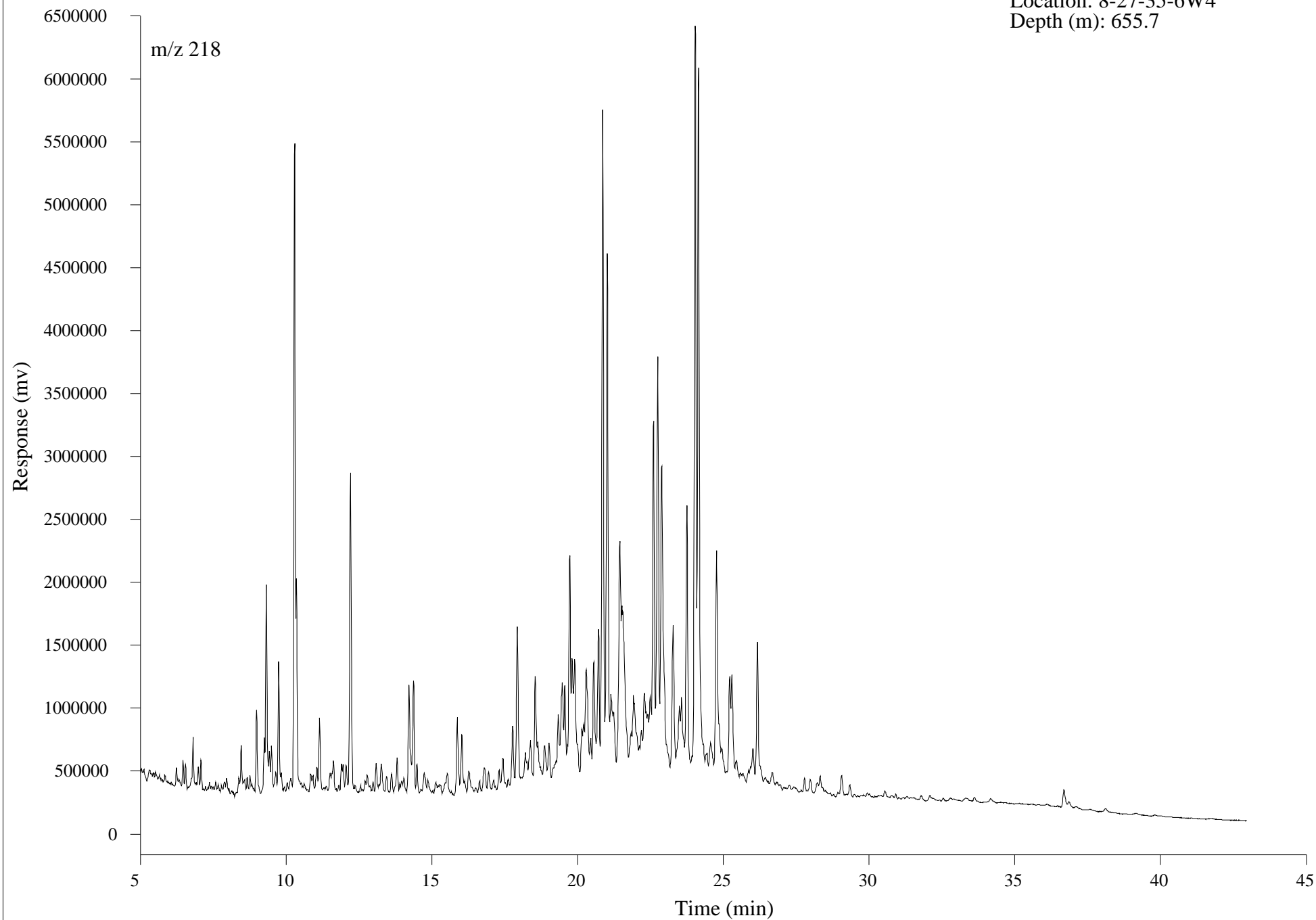
# Saturated Hydrocarbons Mass Chromatogram

Lab Id: L01427  
GSC No: C-558220  
Location: 8-27-35-6W4  
Depth (m): 655.7



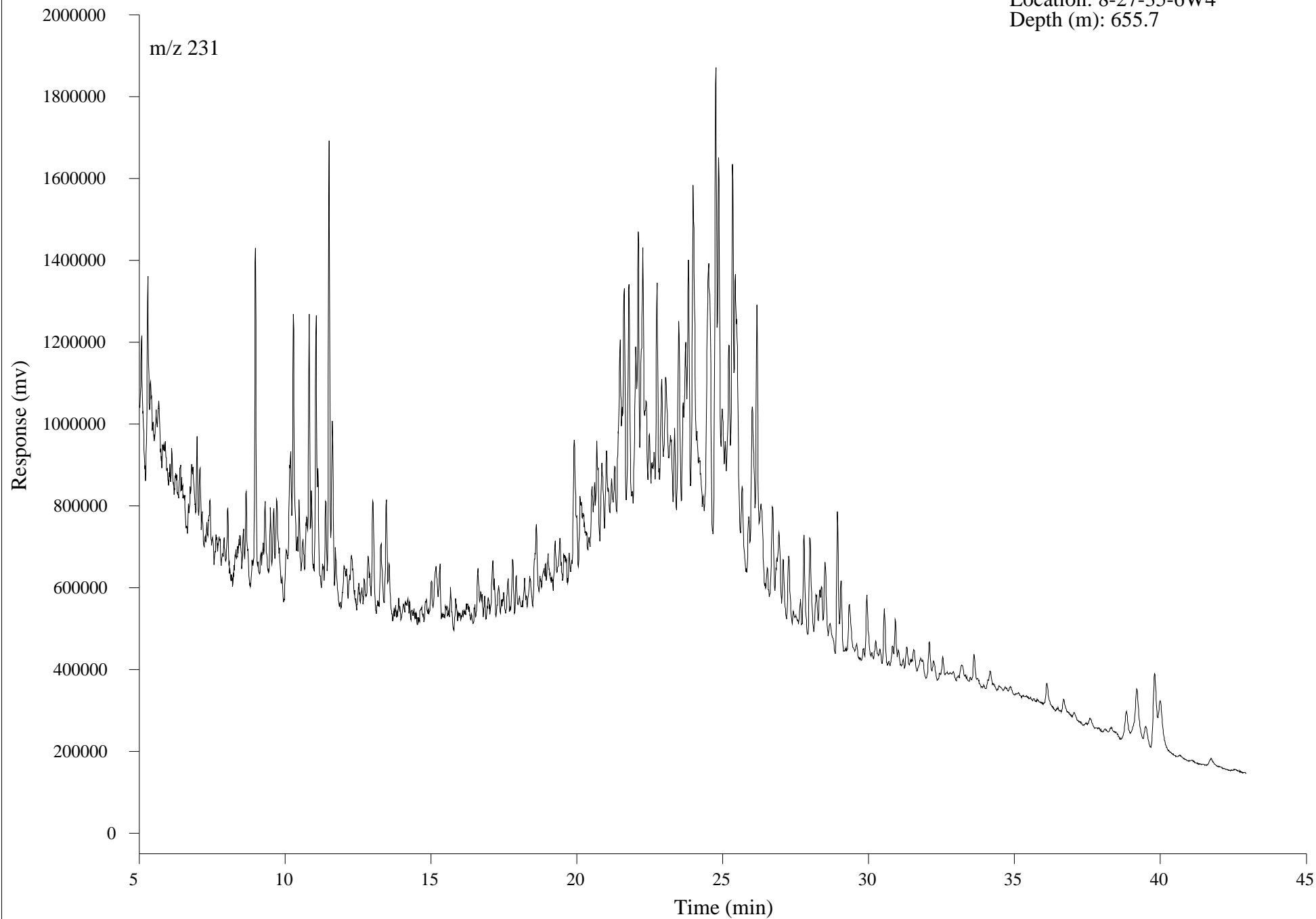
# Saturated Hydrocarbons Mass Chromatogram

Lab Id: L01427  
GSC No: C-558220  
Location: 8-27-35-6W4  
Depth (m): 655.7



# Saturated Hydrocarbons Mass Chromatogram

Lab Id: L01427  
GSC No: C-558220  
Location: 8-27-35-6W4  
Depth (m): 655.7



# Saturated Hydrocarbons Mass Chromatogram

Lab Id: L01427  
GSC No: C-558220  
Location: 8-27-35-6W4  
Depth (m): 655.7

