

# 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: L01951

GSC Catalog No: C-561808

Acquisition Date: 1995-06-06

Location: 8-35-18-23W4

UWI: 100083501823W400

Upper Depth (m): 253.5

Lower Depth (m): 704.0

Fraction: gasoline

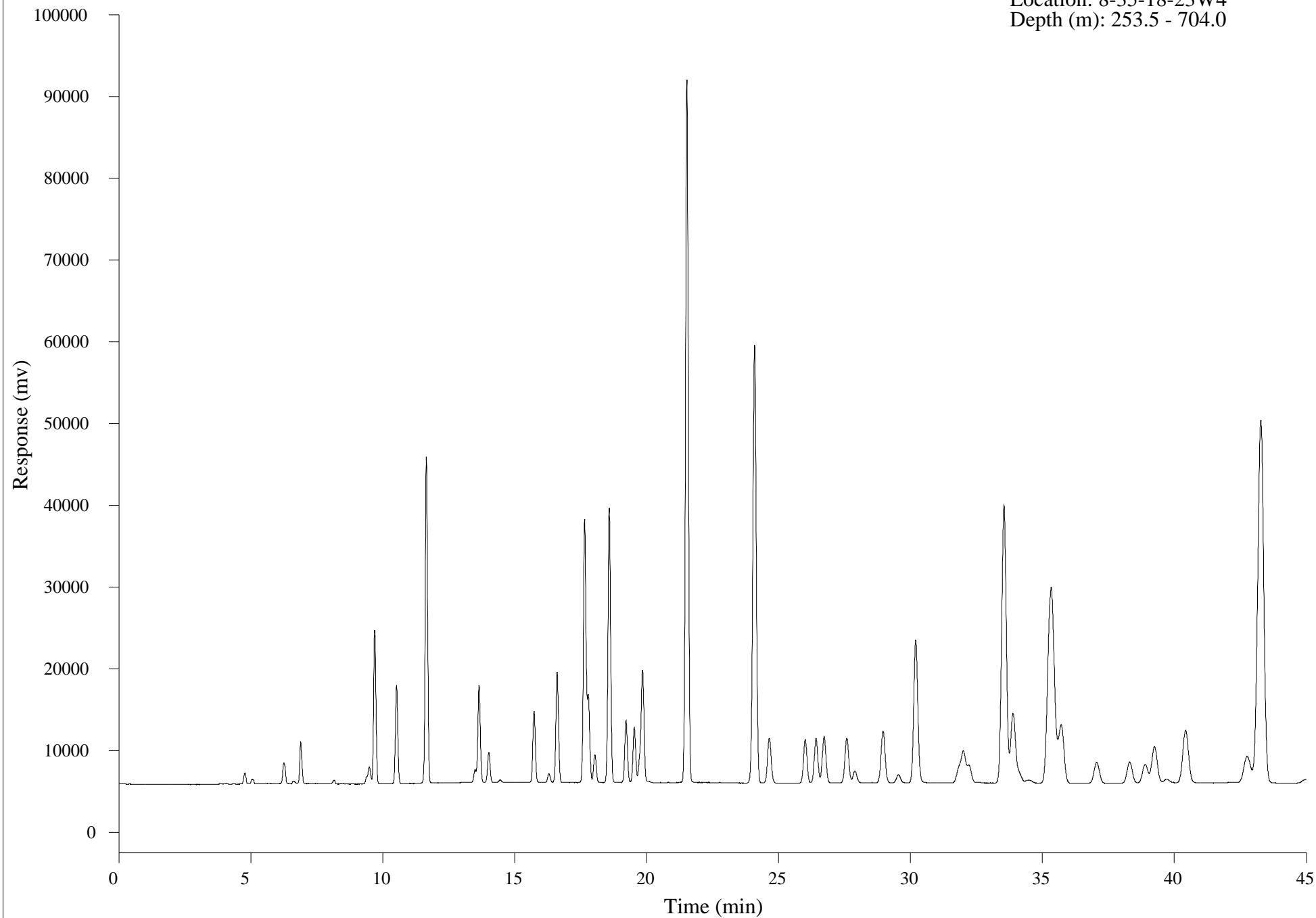
Instrument: HP 5890 GC

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

Time	Compound Name	Area	Height
6.26	iC5	17928.00	2554.01
6.89	nC5	27435.00	5077.25
8.16	22DMC4	2902.00	487.41
9.41	CYC5	5229.00	1350.00
9.50	23DMC4	20329.00	2638.81
9.70	2MC5	126102.00	19478.00
10.53	3MC5	75483.00	12086.79
11.66	nC6	248082.00	39946.92
13.50	22DMC5	8397.00	1552.26
13.65	MCYC5	78895.00	11857.76
14.02	24DMC5	23850.00	3635.63
14.46	223TMC4	1980.00	294.35
15.74	BEN	57455.00	8666.26
16.30	33DMC5	7518.00	1086.58
16.61	CYC6	93295.00	13556.40
17.66	2MC6	230848.00	32224.73
17.79	23DMC5	61788.00	10752.85
18.04	11DMCYC5	24186.00	3387.16
18.59	3MC6	234817.00	33567.83
19.23	1c3DMCYC5	53438.00	7589.32
19.54	1t3DMCYC5	47141.00	6664.42
19.85	1t2DMCYC5	115603.00	13648.06
21.53	nC7	634319.00	85950.03
24.10	MCYC6	480225.00	53641.13
24.65	22DMC6	53272.00	5503.83
26.02	ECYC5	49606.00	5336.30
26.42	25DMC6	52335.00	5457.00
26.73	24DMC6	55702.00	5686.68
27.59	223TMC5	55697.00	5475.68
29.55	234TMC5	11251.00	1007.86
30.20	TOL	187994.00	17416.38
33.55	2MC7	415558.00	33925.70
35.72	3MC7	100148.00	7157.64
42.77	1c4DMCYC6	55213.00	3204.55
43.28	nC8	709479.00	44355.43

# Gasoline Gas Chromatogram

Lab Id: L01951  
GSC No: C-561808  
Location: 8-35-18-23W4  
Depth (m): 253.5 - 704.0



# Gas Chromatography Report

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Sample ID: L01951

GSC Catalog No: C-561808

Acquisition Date: 1996-03-10

Location: 8-35-18-23W4

UWI: 100083501823W400

Upper Depth (m): 253.5

Lower Depth (m): 704.0

Fraction: saturate

Instrument: Varian 3800 GC

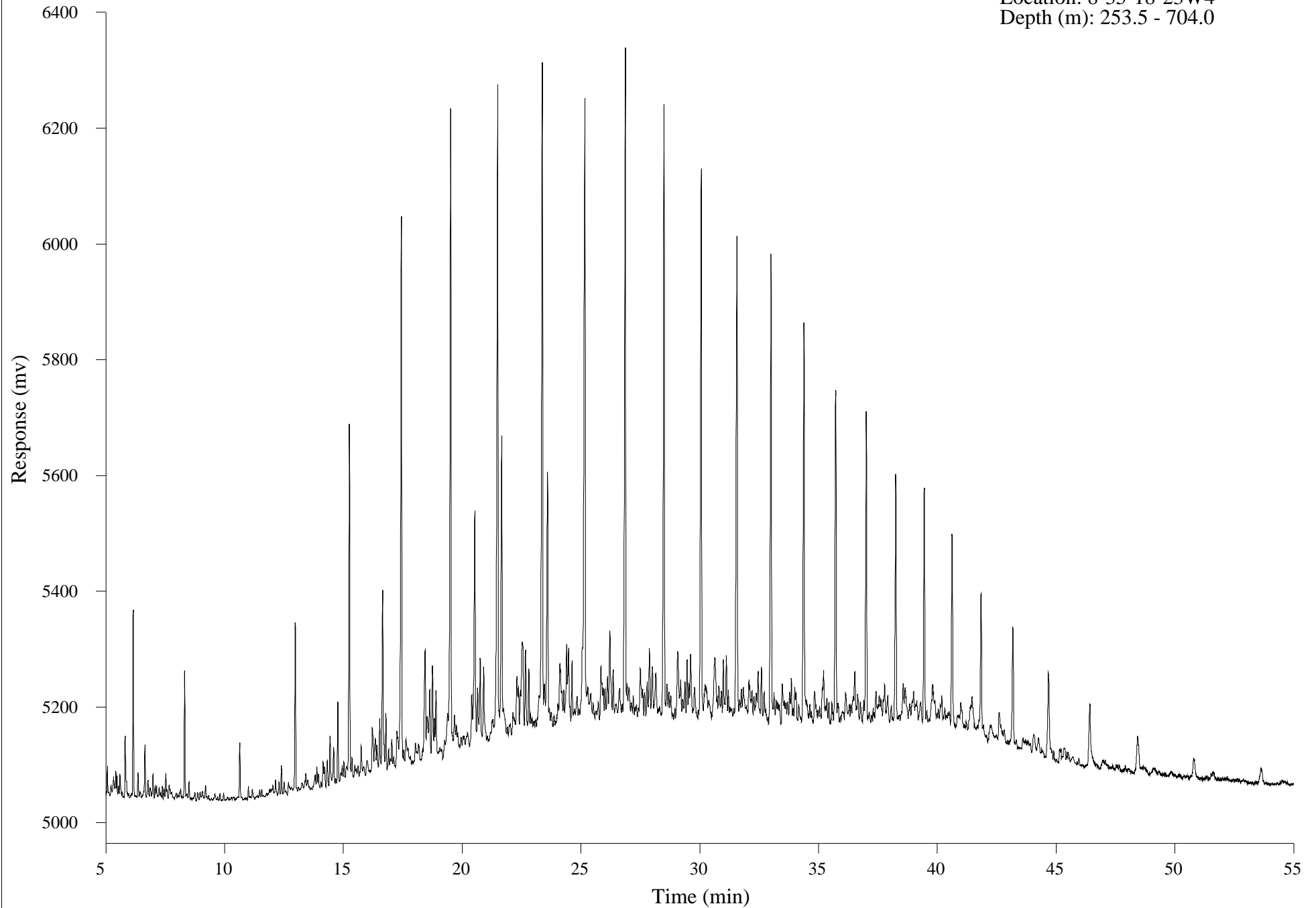
Temp Program: 60°C, 6°C/min to 300°C, 30 min hold

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

Time	Compound Name	Area	Height
6.15	C10	632.91	322.10
8.32	C11	435.79	213.10
10.64	C12	209.72	96.57
12.98	C13	707.92	291.15
15.26	C14	1695.94	608.31
17.44	C15	2721.65	929.91
19.52	C16	3379.58	1091.80
21.50	C17	3678.68	1101.86
21.67	Pr	1473.15	478.64
23.38	C18	3932.50	1134.48
23.60	Ph	1404.74	418.19
25.17	C19	3932.49	1041.86
26.87	C20	3440.44	1124.64
28.50	C21	3236.57	1050.84
30.07	C22	2996.10	936.80
31.57	C23	2808.28	801.46
33.01	C24	2576.66	802.44
34.39	C25	2155.72	675.06
35.73	C26	1951.32	576.95
37.01	C27	1552.36	526.11
38.26	C28	1354.79	421.18
39.45	C29	1236.87	401.92
40.63	C30	1078.31	330.89
41.85	C31	803.93	232.64
43.18	C32	751.28	202.60

# Saturated Hydrocarbons Gas Chromatogram

Lab Id: L01951  
GSC No: C-561808  
Location: 8-35-18-23W4  
Depth (m): 253.5 - 704.0



# 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

For data reference, general terms and conditions go to <http://open.canada.ca/en/open-government-licence-canada/>

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Sample ID: L01951

GSC Catalog No: C-561808

Acquisition Date: 1996-04-24

Location: 8-35-18-23W4

UWI: 100083501823W400

Upper Depth (m): 253.5

Lower Depth (m): 704.0

Fraction: saturate

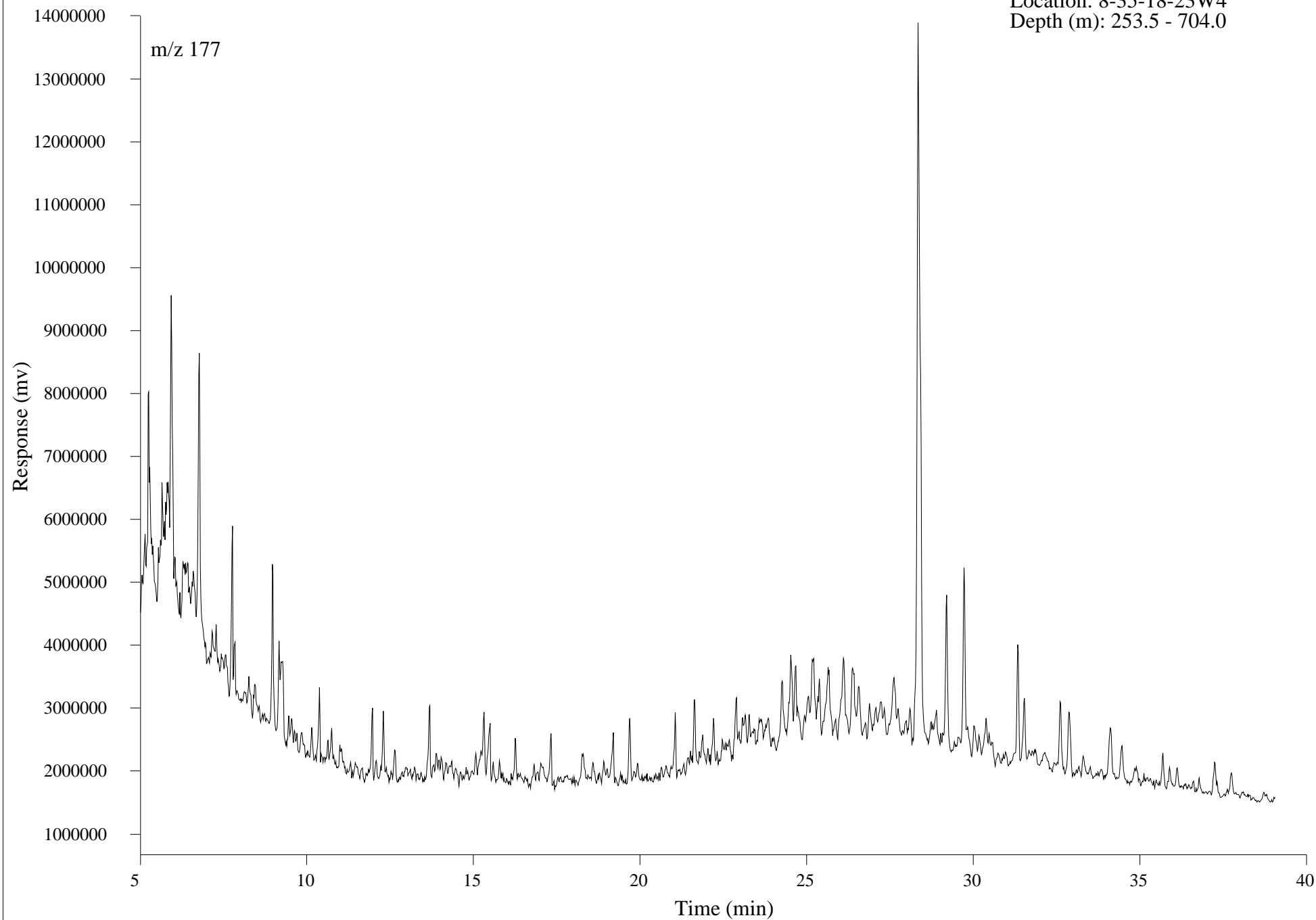
Instrument: HP 5890 GC/VG70SQ MS

MS Mode: Selected Ion Monitoring + EI

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

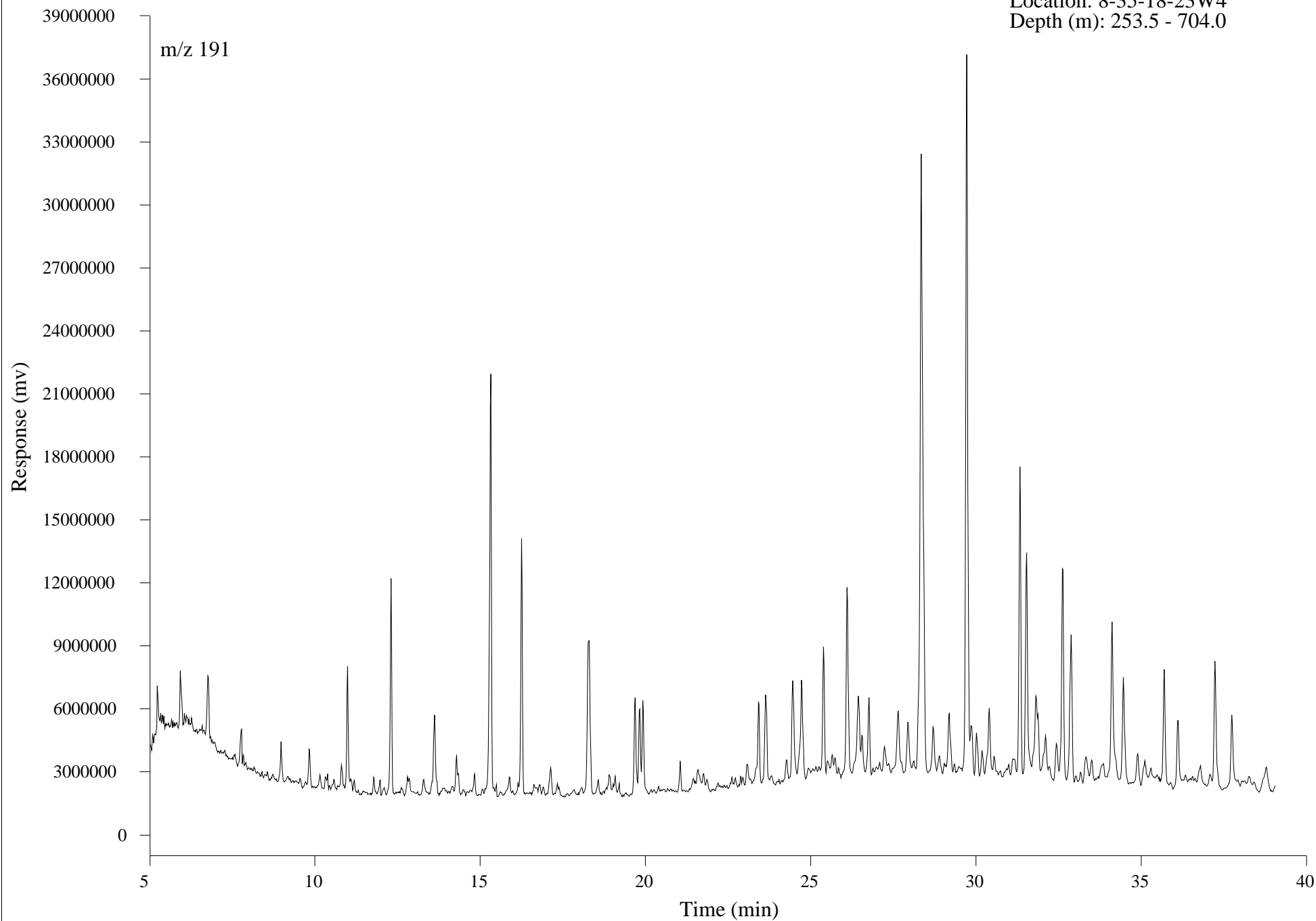
# Saturated Hydrocarbons Mass Chromatogram

Lab Id: L01951  
GSC No: C-561808  
Location: 8-35-18-23W4  
Depth (m): 253.5 - 704.0



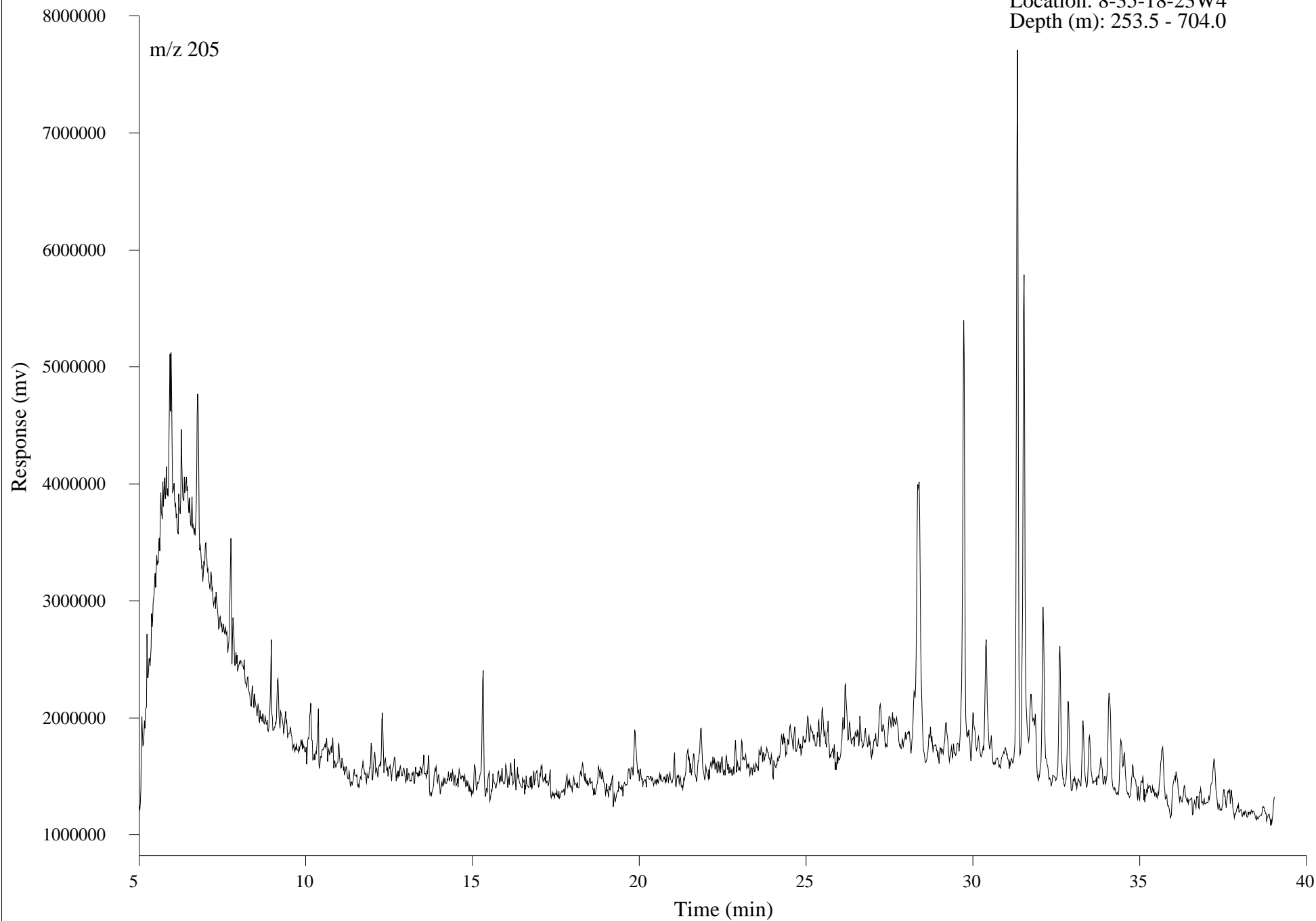
# Saturated Hydrocarbons Mass Chromatogram

Lab Id: L01951  
GSC No: C-561808  
Location: 8-35-18-23W4  
Depth (m): 253.5 - 704.0



# Saturated Hydrocarbons Mass Chromatogram

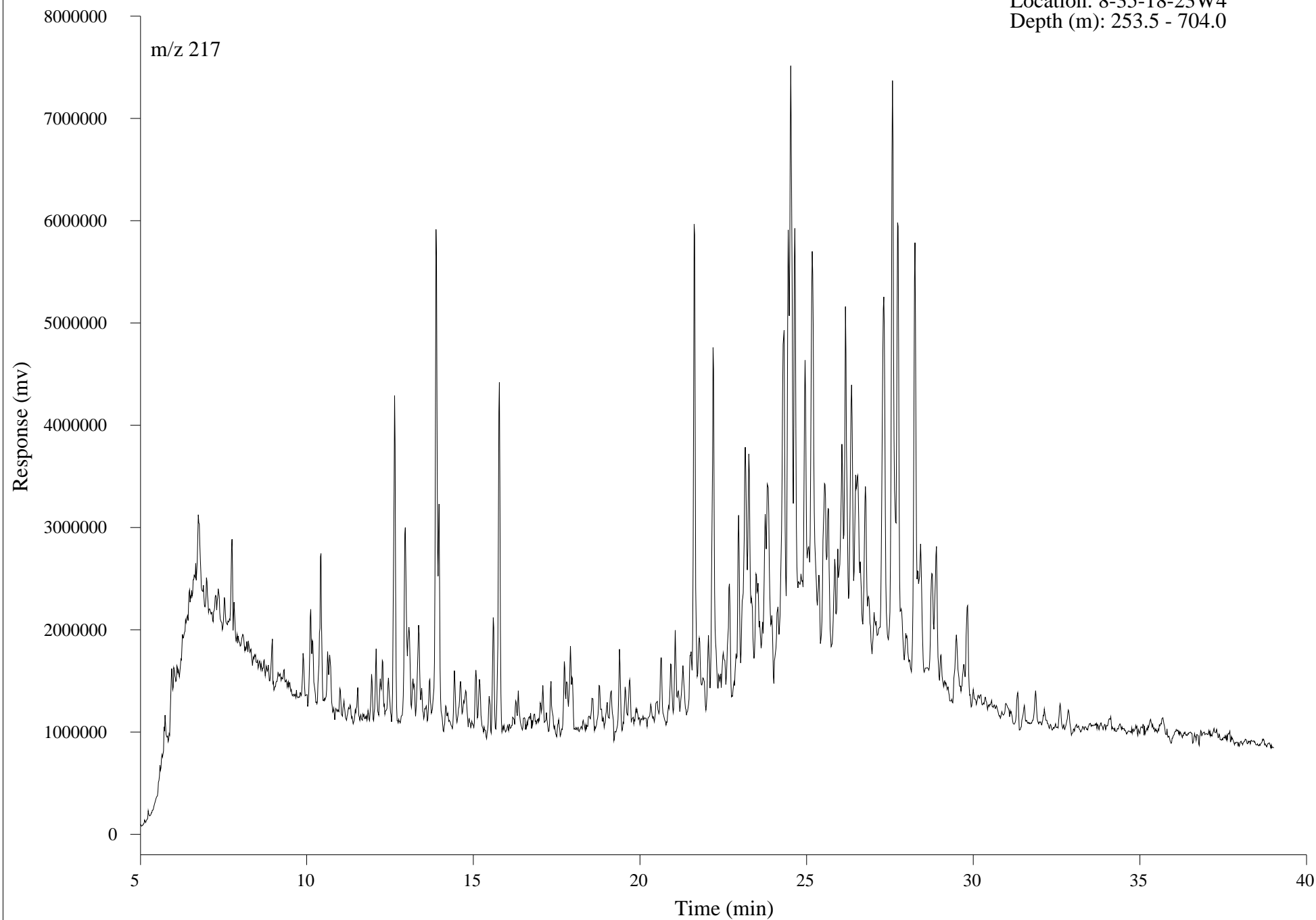
Lab Id: L01951  
GSC No: C-561808  
Location: 8-35-18-23W4  
Depth (m): 253.5 - 704.0





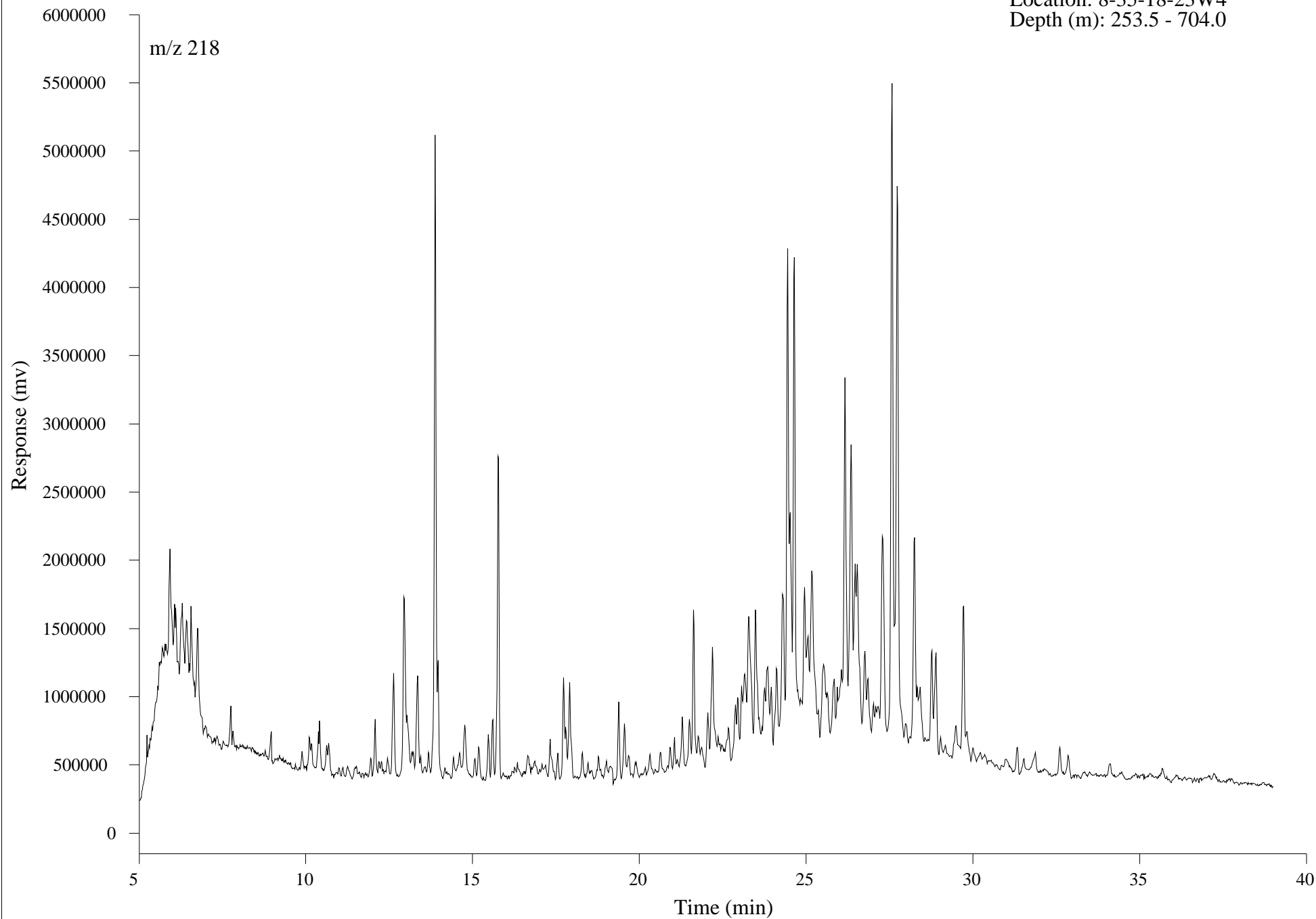
# Saturated Hydrocarbons Mass Chromatogram

Lab Id: L01951  
GSC No: C-561808  
Location: 8-35-18-23W4  
Depth (m): 253.5 - 704.0



# Saturated Hydrocarbons Mass Chromatogram

Lab Id: L01951  
GSC No: C-561808  
Location: 8-35-18-23W4  
Depth (m): 253.5 - 704.0



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Lab Id: L01951  
GSC No: C-561808  
Location: 8-35-18-23W4  
Depth (m): 253.5 - 704.0

