

# 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: L02002

GSC Catalog No: C-558491

Acquisition Date: 1995-05-19

Location: 11-16-13-12W4

UWI: 100111601312W400

Upper Depth (m): 917.0

Lower Depth (m): 918.2

Fraction: gasoline

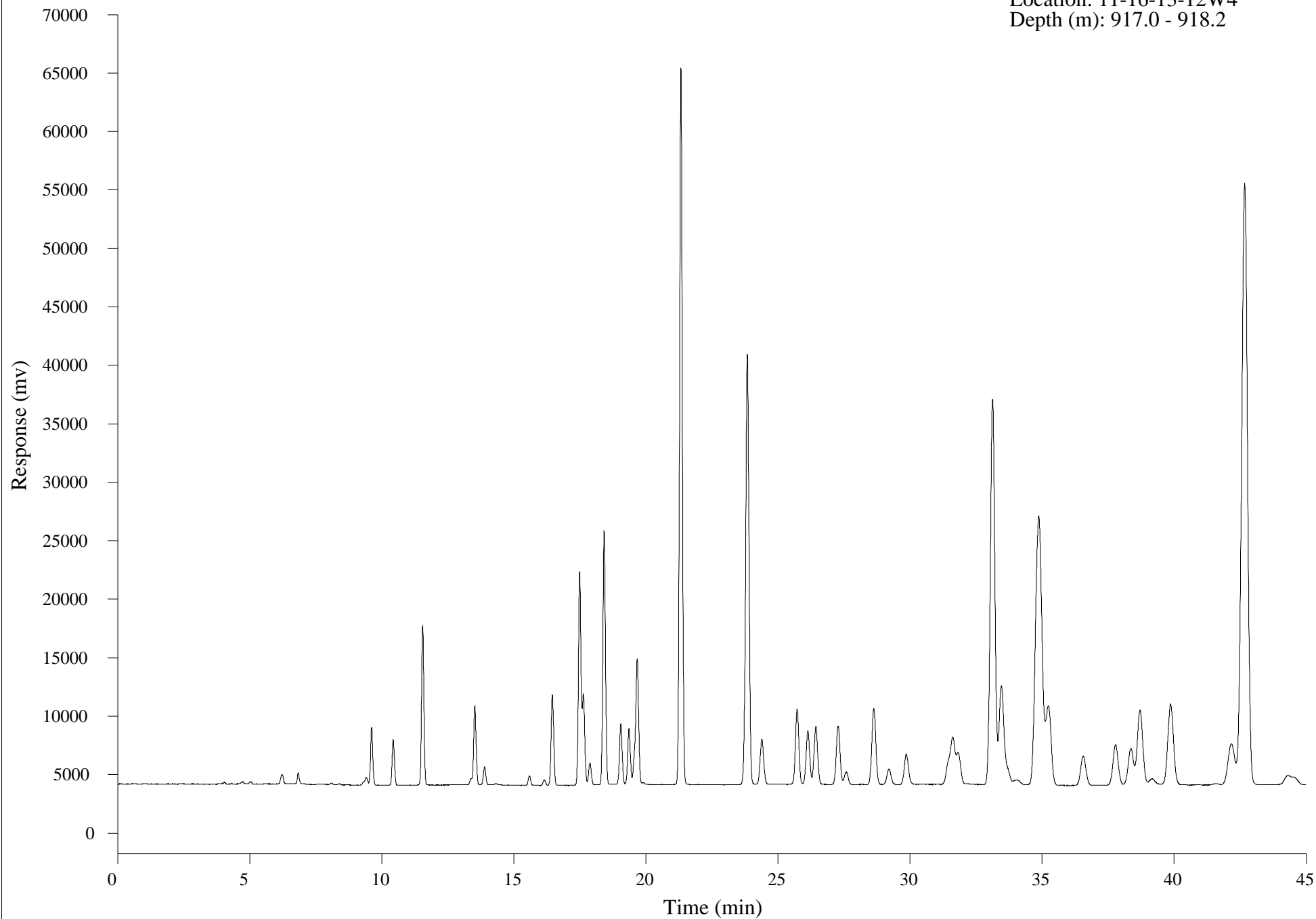
Instrument: HP 5890 GC

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

Time	Compound Name	Area	Height
6.23	iC5	5844.00	802.41
6.84	nC5	4809.00	945.97
8.10	22DMC4	698.00	123.80
9.36	CYC5	2103.00	424.00
9.42	23DMC4	4888.00	714.88
9.62	2MC5	29842.00	4991.00
10.44	3MC5	23772.00	3894.46
11.55	nC6	82293.00	13564.84
13.42	22DMC5	3670.00	706.05
13.53	MCYC5	45467.00	6891.00
13.89	24DMC5	9789.00	1532.80
14.32	223TMC4	866.00	125.33
15.59	BEN	5221.00	809.17
16.15	33DMC5	3401.00	482.81
16.46	CYC6	53170.00	7758.22
17.50	2MC6	126618.00	18240.38
17.64	23DMC5	48747.00	7772.23
17.89	11DMCYC5	13291.00	1868.21
18.42	3MC6	149670.00	21632.42
19.05	1c3DMCYC5	35867.00	5144.00
19.36	1t3DMCYC5	32881.00	4704.30
19.67	1t2DMCYC5	88996.00	10665.70
21.33	nC7	444666.00	61263.28
23.84	MCYC6	324072.00	36792.99
24.39	22DMC6	36116.00	3843.26
25.73	ECYC5	58564.00	6393.31
26.14	25DMC6	43310.00	4571.89
26.44	24DMC6	47394.00	4928.05
27.28	223TMC5	50097.00	4994.52
29.20	234TMC5	14500.00	1325.87
29.86	TOL	28543.00	2588.30
33.13	2MC7	394769.00	32843.33
35.24	3MC7	92715.00	6774.66
42.17	1c4DMCYC6	59682.00	3478.30
42.67	nC8	804379.00	51431.30

# Gasoline Gas Chromatogram

Lab Id: L02002  
GSC No: C-558491  
Location: 11-16-13-12W4  
Depth (m): 917.0 - 918.2



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Sample ID: L02002

GSC Catalog No: C-558491

Acquisition Date: 1996-07-31

Location: 11-16-13-12W4

UWI: 100111601312W400

Upper Depth (m): 917.0

Lower Depth (m): 918.2

Fraction: saturate

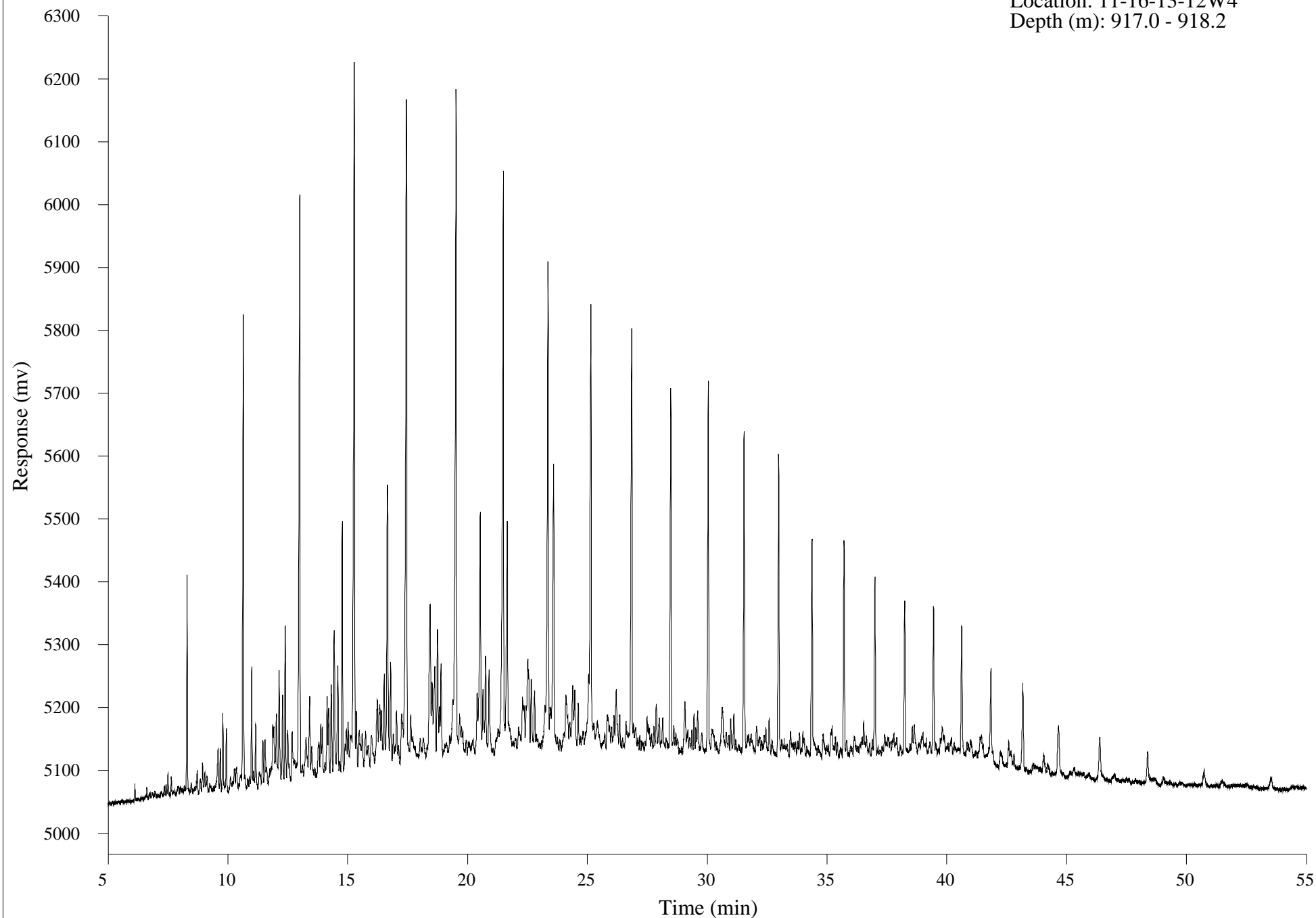
Instrument: Varian 3800 GC

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

Time	Compound Name	Area	Height
8.30	C11	727.27	341.78
10.64	C12	1891.54	734.90
13.00	C13	2900.09	916.23
15.28	C14	4129.64	1128.29
17.45	C15	3792.03	1038.43
19.53	C16	4111.17	1038.22
21.49	C17	3102.18	888.05
21.66	Pr	1178.65	337.22
23.36	C18	3049.67	767.82
23.59	Ph	1717.81	447.19
25.15	C19	2178.33	681.37
26.85	C20	2004.05	641.71
28.48	C21	1760.88	575.66
30.05	C22	1661.27	586.70
31.54	C23	1490.70	506.50
32.99	C24	1342.63	471.52
34.38	C25	1066.01	334.22
35.72	C26	1028.80	345.84
37.00	C27	824.78	278.34
38.25	C28	794.48	242.29
39.45	C29	706.87	232.55
40.62	C30	666.07	204.13
41.85	C31	453.05	135.91
43.18	C32	553.11	138.73

# Saturated Hydrocarbons Gas Chromatogram

Lab Id: L02002  
GSC No: C-558491  
Location: 11-16-13-12W4  
Depth (m): 917.0 - 918.2



# 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: L02002

GSC Catalog No: C-558491

Acquisition Date: 1997-01-09

Location: 11-16-13-12W4

UWI: 100111601312W400

Upper Depth (m): 917.0

Lower Depth (m): 918.2

Fraction: saturate

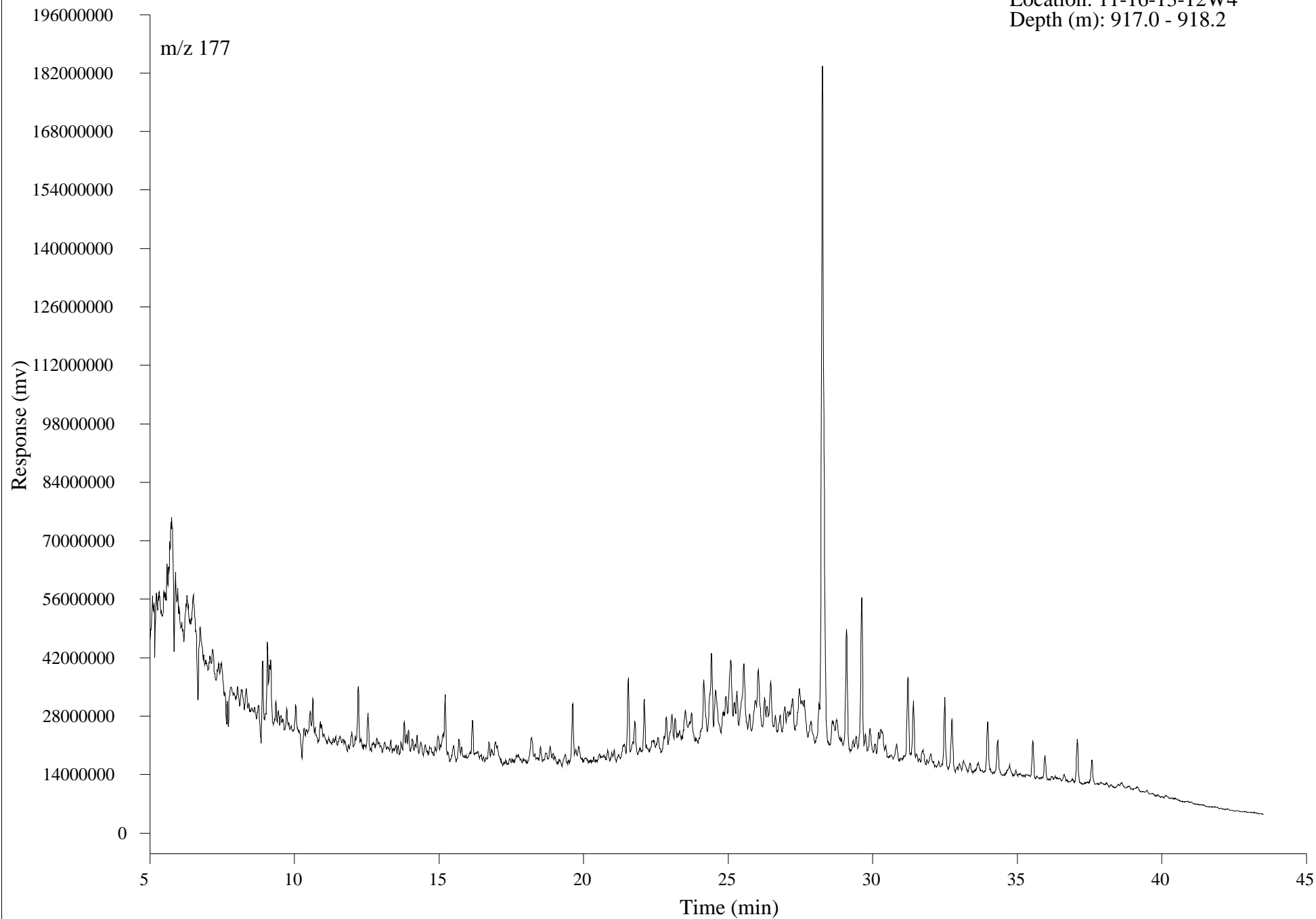
Instrument: HP 5890 GC/VG70SQ MS

MS Mode: Selected Ion Monitoring + EI

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

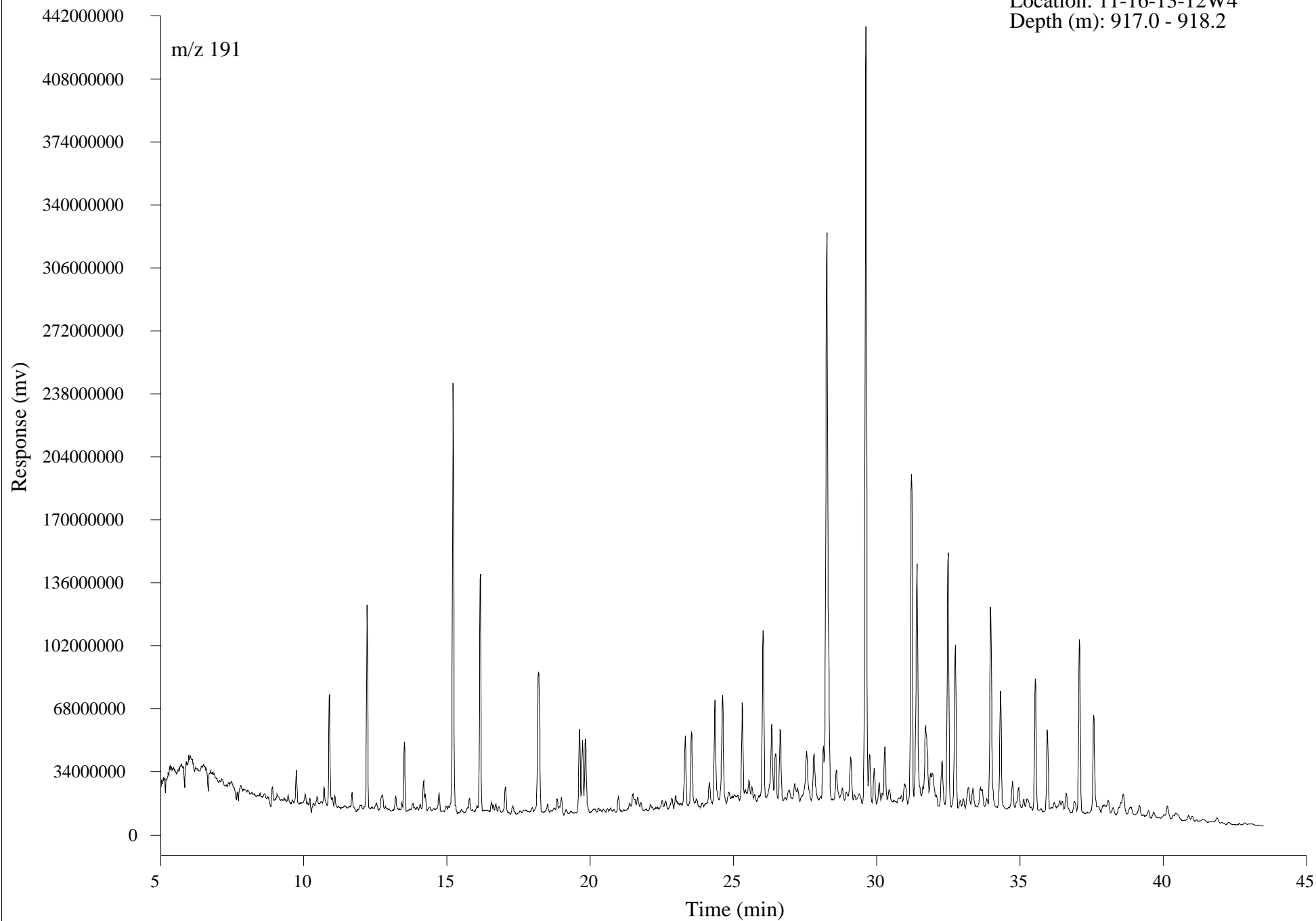
# Saturated Hydrocarbons Mass Chromatogram

Lab Id: L02002  
GSC No: C-558491  
Location: 11-16-13-12W4  
Depth (m): 917.0 - 918.2



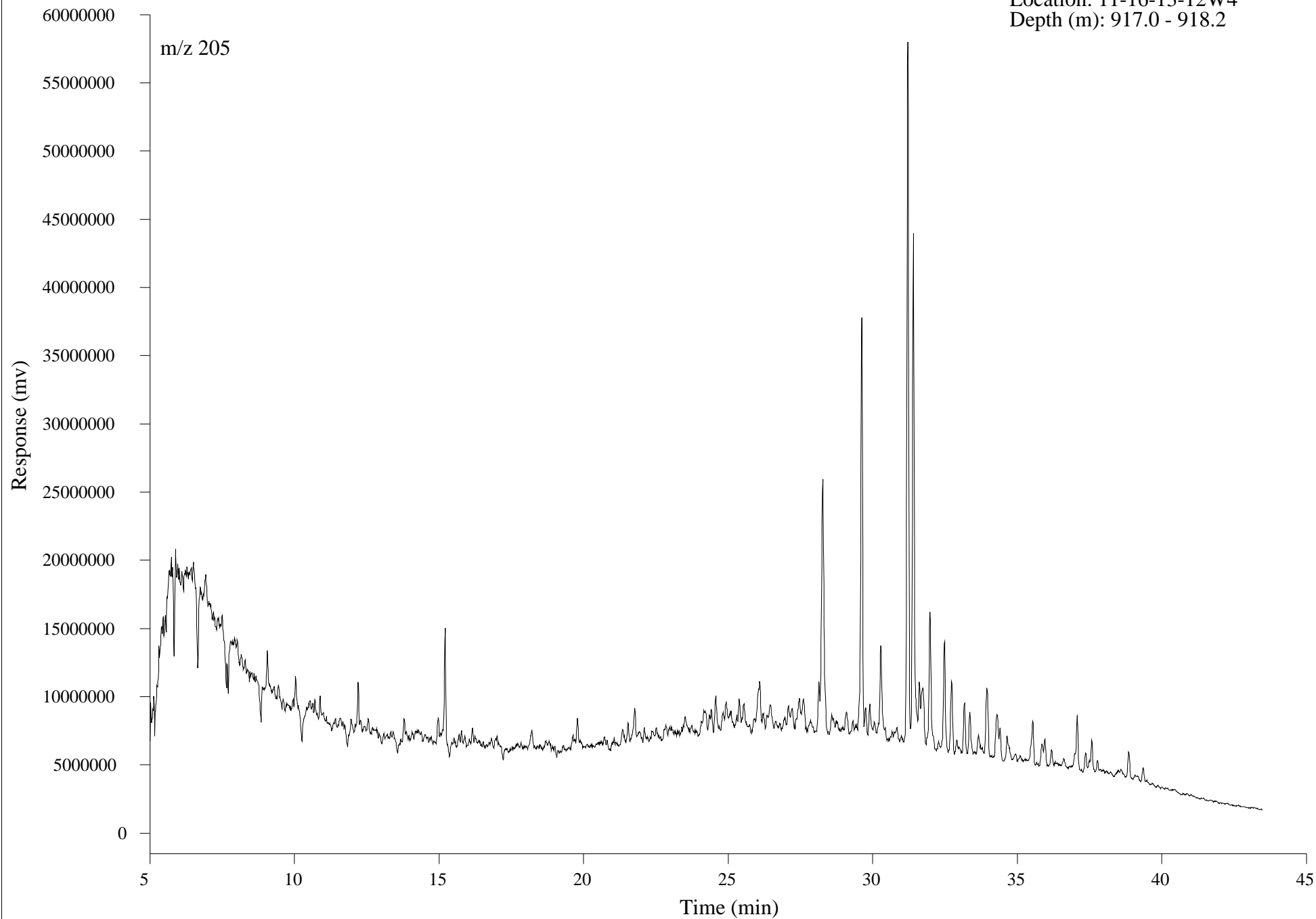
# Saturated Hydrocarbons Mass Chromatogram

Lab Id: L02002  
GSC No: C-558491  
Location: 11-16-13-12W4  
Depth (m): 917.0 - 918.2



# Saturated Hydrocarbons Mass Chromatogram

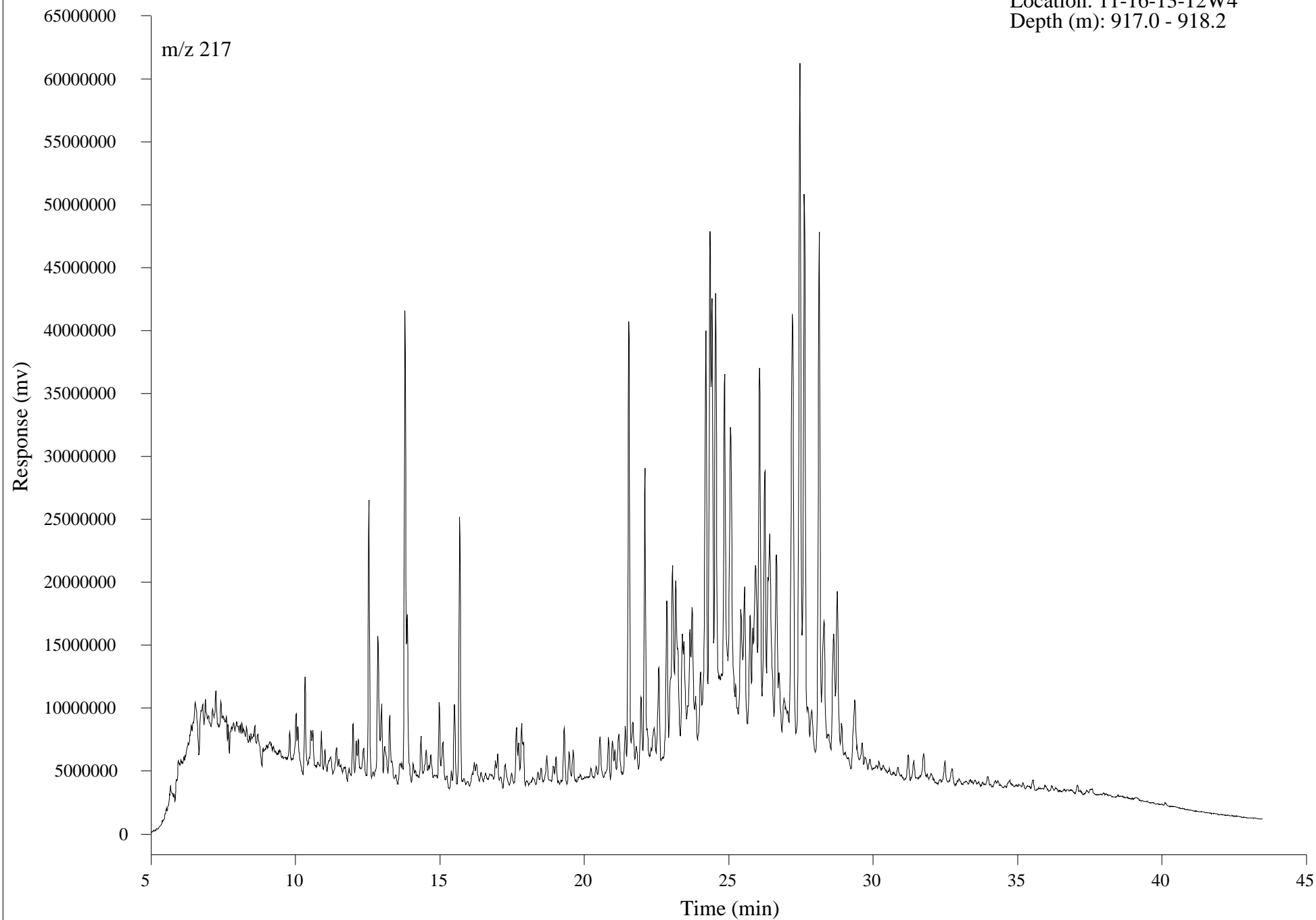
Lab Id: L02002  
GSC No: C-558491  
Location: 11-16-13-12W4  
Depth (m): 917.0 - 918.2





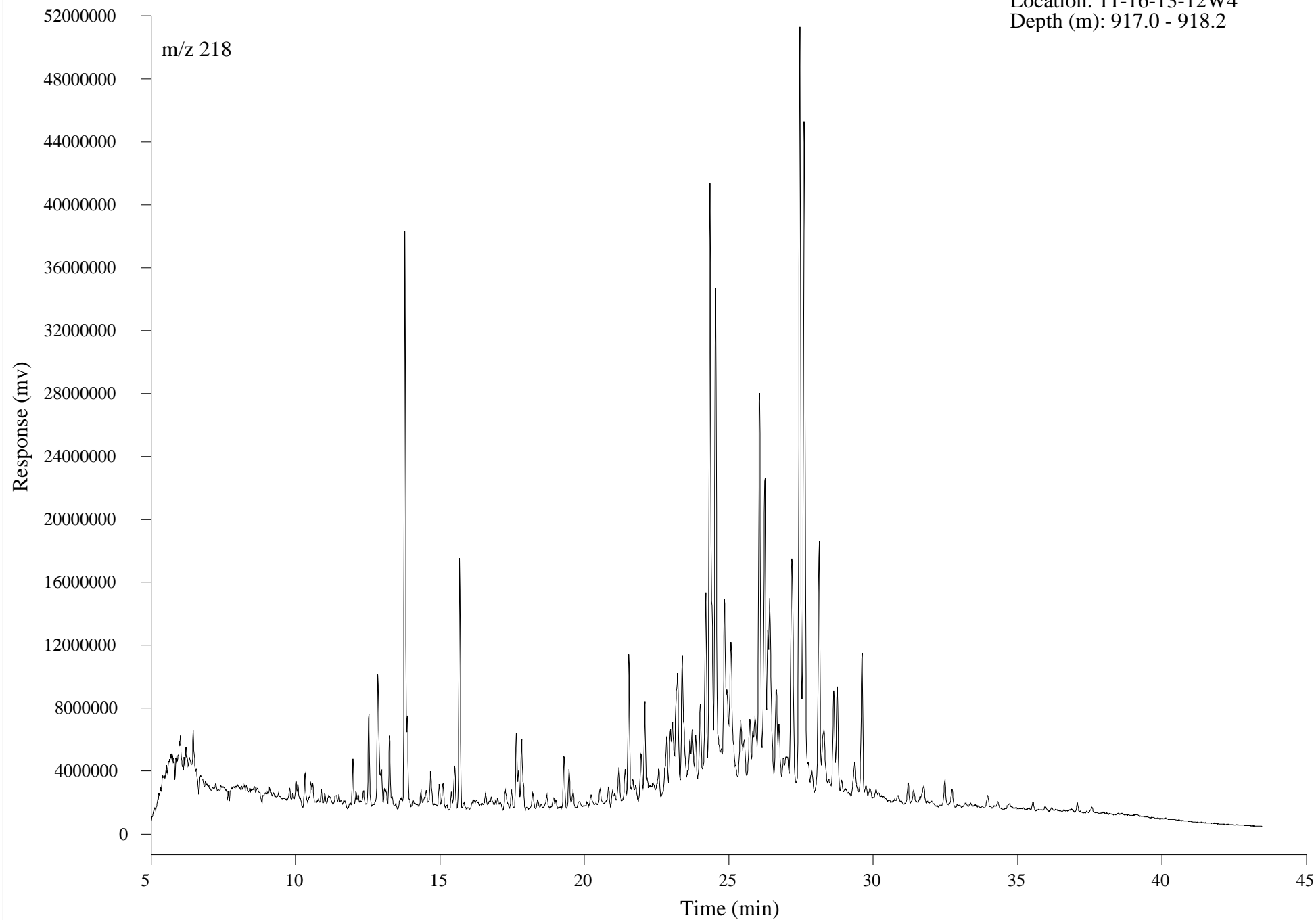
# Saturated Hydrocarbons Mass Chromatogram

Lab Id: L02002  
GSC No: C-558491  
Location: 11-16-13-12W4  
Depth (m): 917.0 - 918.2



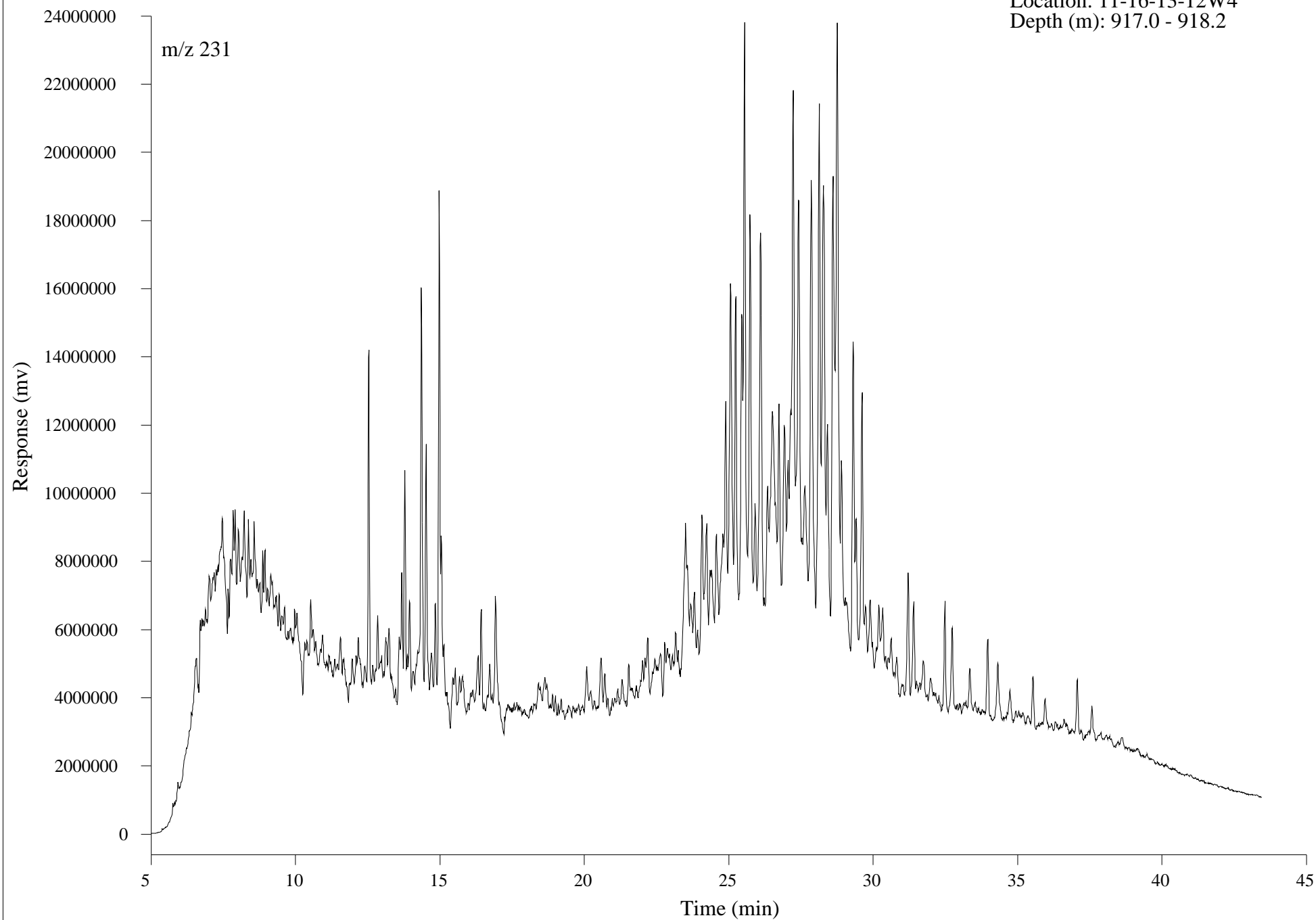
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