

# 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: L02138

GSC Catalog No: C-558609

Acquisition Date: 1996-05-10

Location: 12-32-5-4W4

UWI: 100123200504W400

Upper Depth (m): 1172.5

Lower Depth (m): 1175.5

Fraction: gasoline

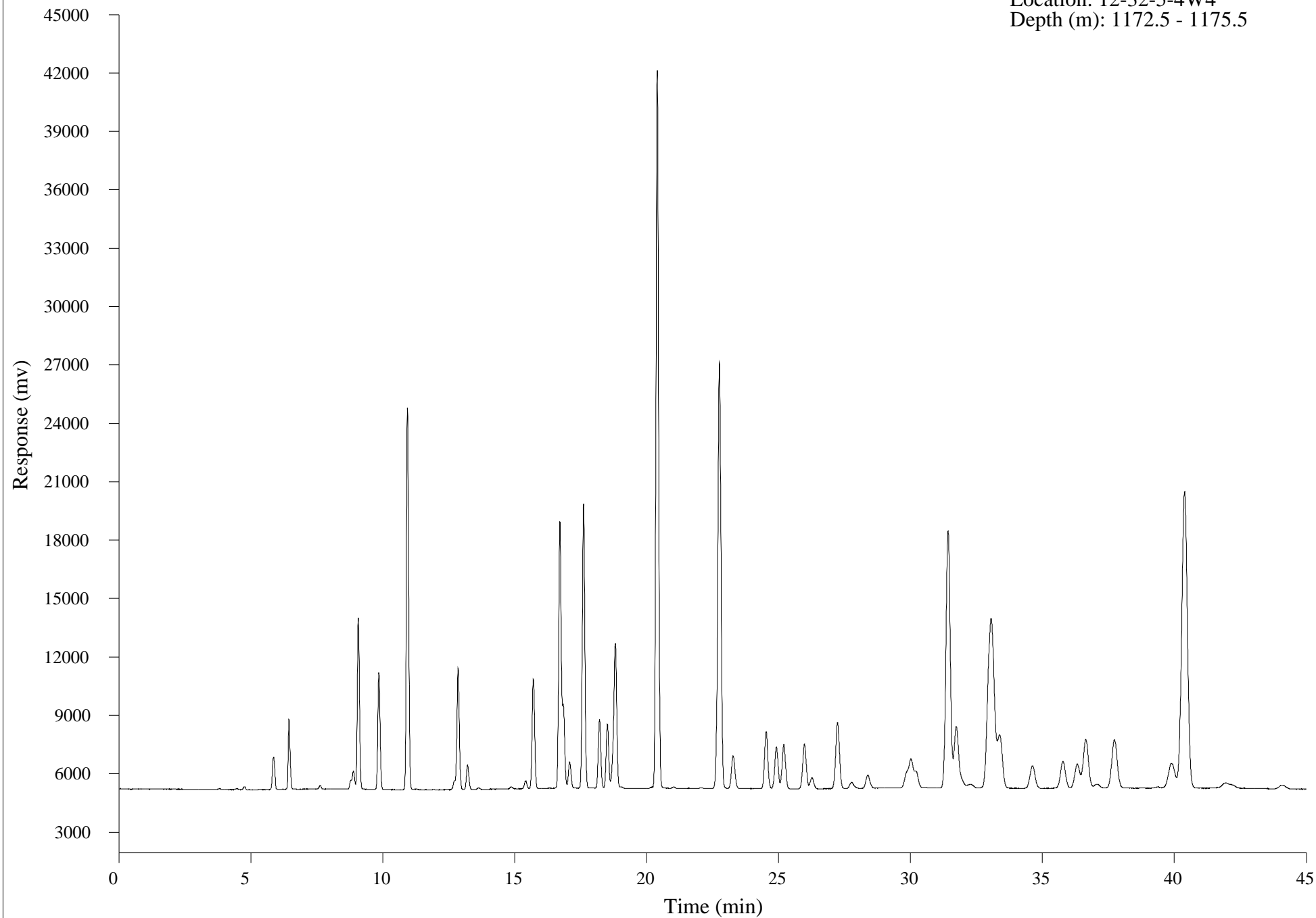
Instrument: HP 5890 GC

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

Time	Compound Name	Area	Height
5.86	iC5	10403.00	1670.05
6.45	nC5	17339.00	3570.48
7.63	22DMC4	1012.00	190.69
8.80	CYC5	1680.00	449.73
8.89	23DMC4	6180.00	927.89
9.08	2MC5	49218.00	8790.86
9.86	3MC5	35586.00	6003.97
10.94	nC6	113530.00	19652.74
12.72	22DMC5	1987.00	461.87
12.86	MCYC5	39818.00	6242.54
13.22	24DMC5	8053.00	1262.65
13.64	223TMC4	470.00	72.07
14.88	BEN	544.00	87.12
15.42	33DMC5	2605.00	389.17
15.71	CYC6	37512.00	5607.88
16.72	2MC6	94404.00	13691.53
16.84	23DMC5	22113.00	4315.26
17.09	11DMCYC5	9260.00	1329.24
17.61	3MC6	97523.00	14603.90
18.22	1c3DMCYC5	23781.00	3519.69
18.52	1t3DMCYC5	22120.00	3262.26
18.82	1t2DMCYC5	59422.00	7411.18
20.41	nC7	252794.00	36860.18
22.76	MCYC6	183383.00	21889.59
23.28	22DMC6	15295.00	1670.62
24.54	ECYC5	25057.00	2927.74
24.92	25DMC6	18875.00	2134.55
25.20	24DMC6	20654.00	2269.20
25.99	223TMC5	21561.00	2290.73
27.78	234TMC5	2956.00	292.23
28.39	TOL	7159.00	675.46
31.43	2MC7	149411.00	13172.92
33.38	3MC7	32546.00	2728.54
39.90	1c4DMCYC6	20785.00	1256.27
40.39	nC8	228907.00	15217.57

# Gasoline Gas Chromatogram

Lab Id: L02138  
GSC No: C-558609  
Location: 12-32-5-4W4  
Depth (m): 1172.5 - 1175.5



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Sample ID: L02138

GSC Catalog No: C-558609

Acquisition Date: 1996-10-31

Location: 12-32-5-4W4

UWI: 100123200504W400

Upper Depth (m): 1172.5

Lower Depth (m): 1175.5

Fraction: saturate

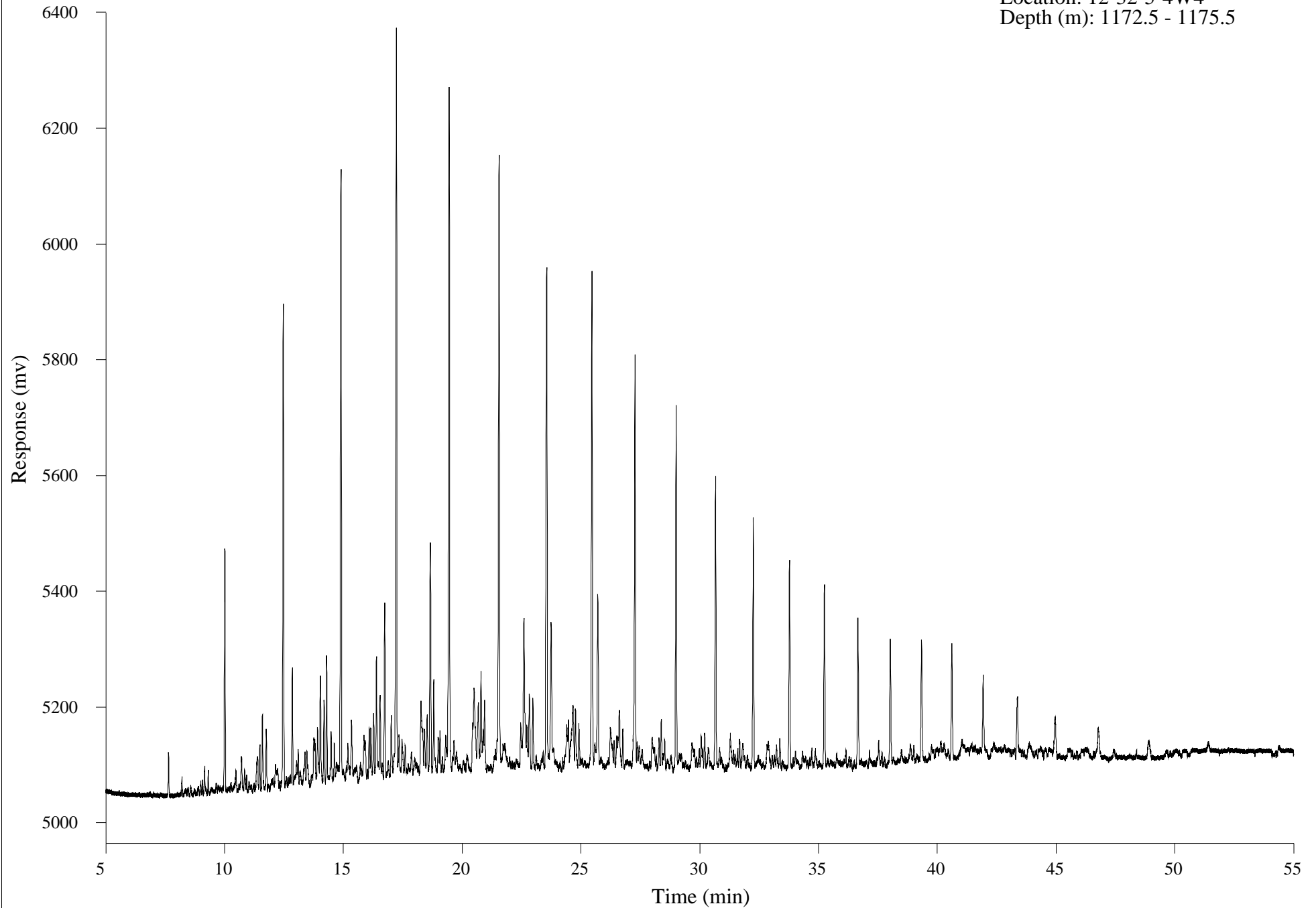
Instrument: Varian 3800 GC

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

Time	Compound Name	Area	Height
7.64	C10	186.77	78.78
10.01	C11	1029.10	425.07
12.47	C12	2297.33	841.85
14.90	C13	2937.59	1045.92
17.23	C14	3651.47	1280.89
19.46	C15	3622.96	1186.76
21.56	C16	3267.33	1049.96
23.56	C17	2791.93	858.33
23.75	Pr	816.08	233.36
25.47	C18	2442.24	850.90
25.71	Ph	1015.08	293.56
27.28	C19	2152.53	714.58
29.01	C20	1748.72	620.86
30.67	C21	1423.64	504.26
32.26	C22	1277.08	441.35
33.78	C23	1120.01	356.91
35.25	C24	908.64	316.41
36.66	C25	787.88	256.00
38.03	C26	719.47	215.52
39.34	C27	699.67	212.59
40.62	C28	622.86	201.78
41.94	C29	489.50	135.97
43.38	C30	420.94	103.04
44.97	C31	364.24	70.36
46.79	C32	208.52	43.83

# Saturated Hydrocarbons Gas Chromatogram

Lab Id: L02138  
GSC No: C-558609  
Location: 12-32-5-4W4  
Depth (m): 1172.5 - 1175.5



# 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: L02138

GSC Catalog No: C-558609

Acquisition Date: 1996-11-20

Location: 12-32-5-4W4

UWI: 100123200504W400

Upper Depth (m): 1172.5

Lower Depth (m): 1175.5

Fraction: saturate

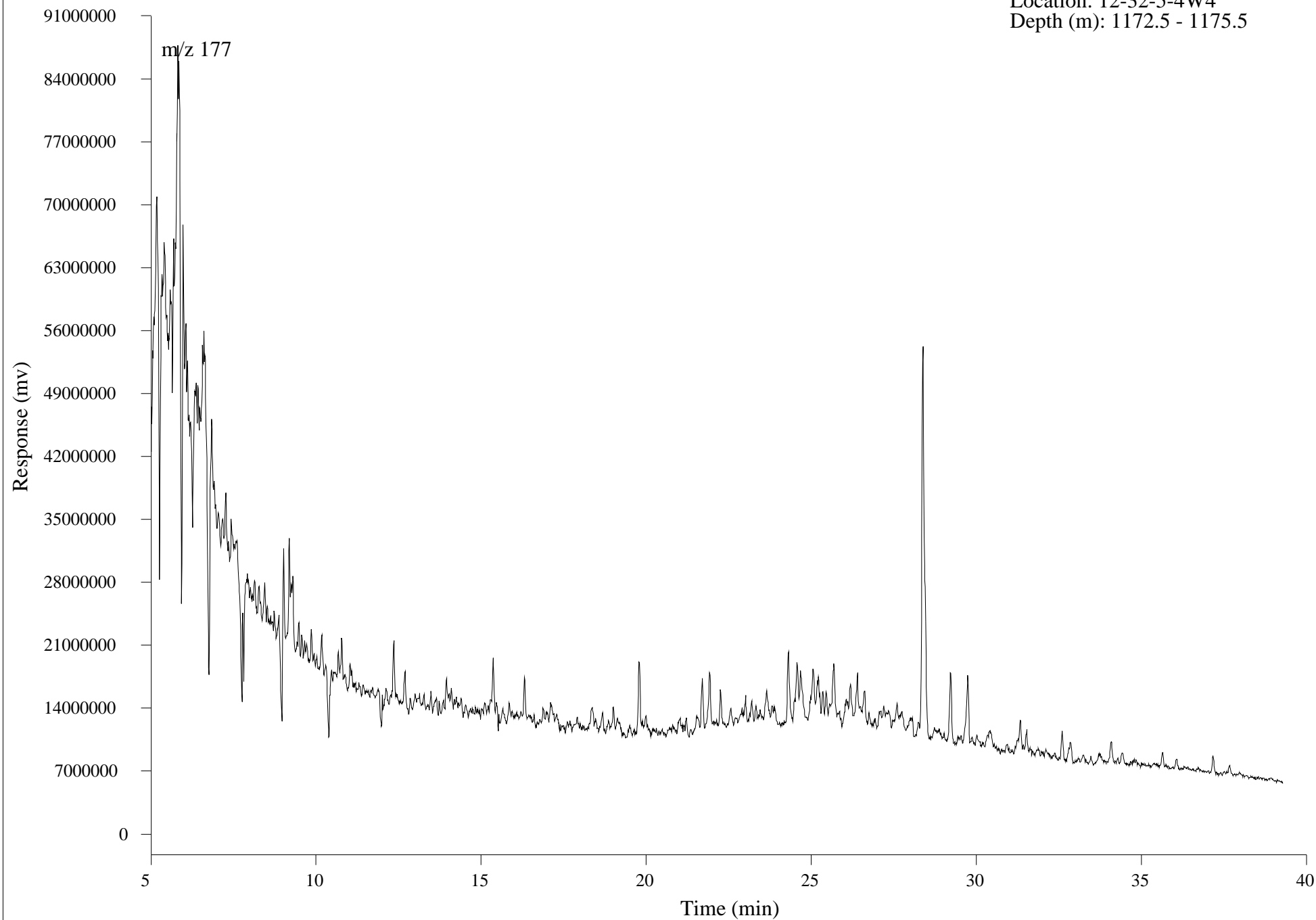
Instrument: HP 5890 GC/VG70SQ MS

MS Mode: Selected Ion Monitoring + EI

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

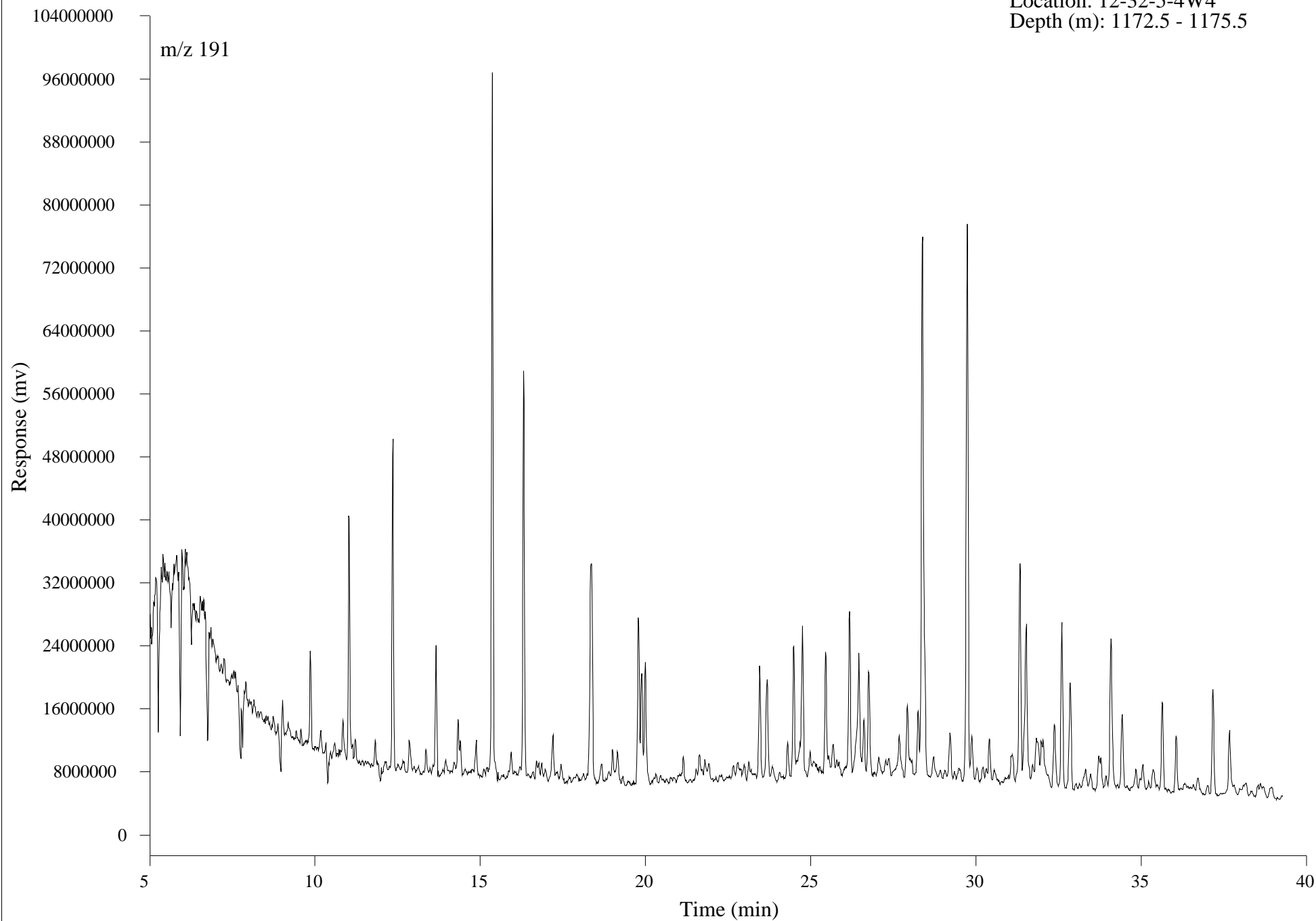
# Saturated Hydrocarbons Mass Chromatogram

Lab Id: L02138  
GSC No: C-558609  
Location: 12-32-5-4W4  
Depth (m): 1172.5 - 1175.5



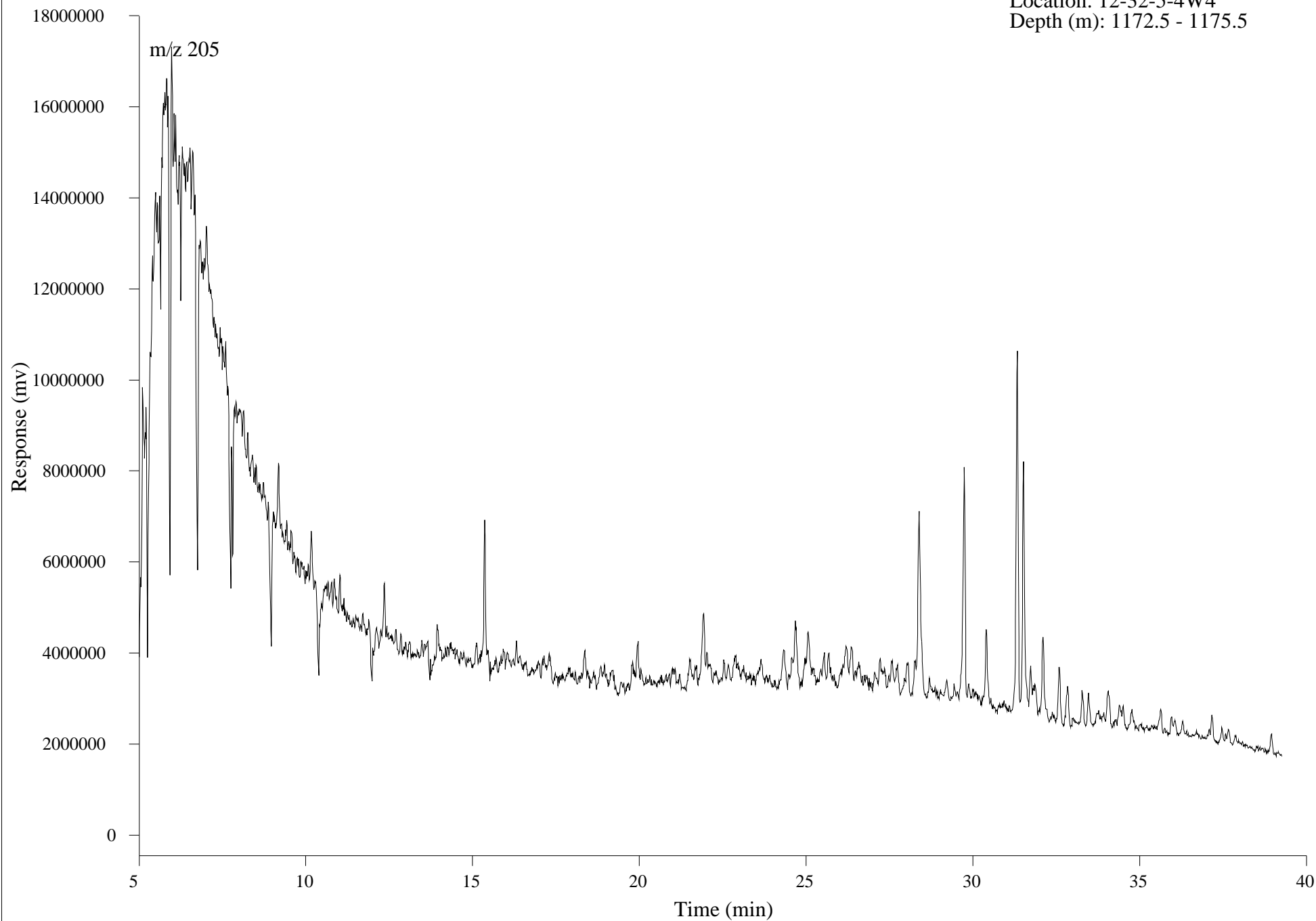
# Saturated Hydrocarbons Mass Chromatogram

Lab Id: L02138  
GSC No: C-558609  
Location: 12-32-5-4W4  
Depth (m): 1172.5 - 1175.5



# Saturated Hydrocarbons Mass Chromatogram

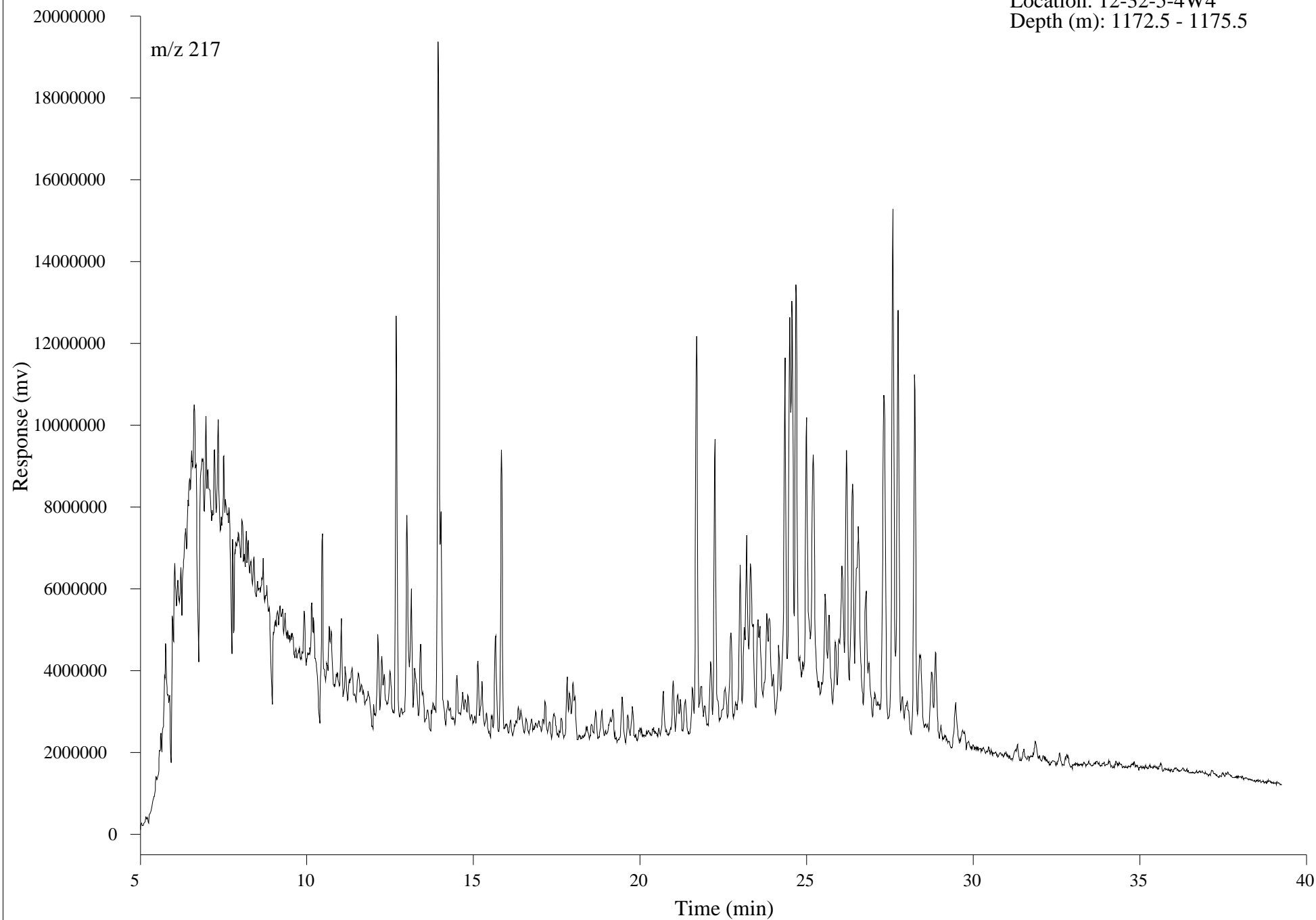
Lab Id: L02138  
GSC No: C-558609  
Location: 12-32-5-4W4  
Depth (m): 1172.5 - 1175.5





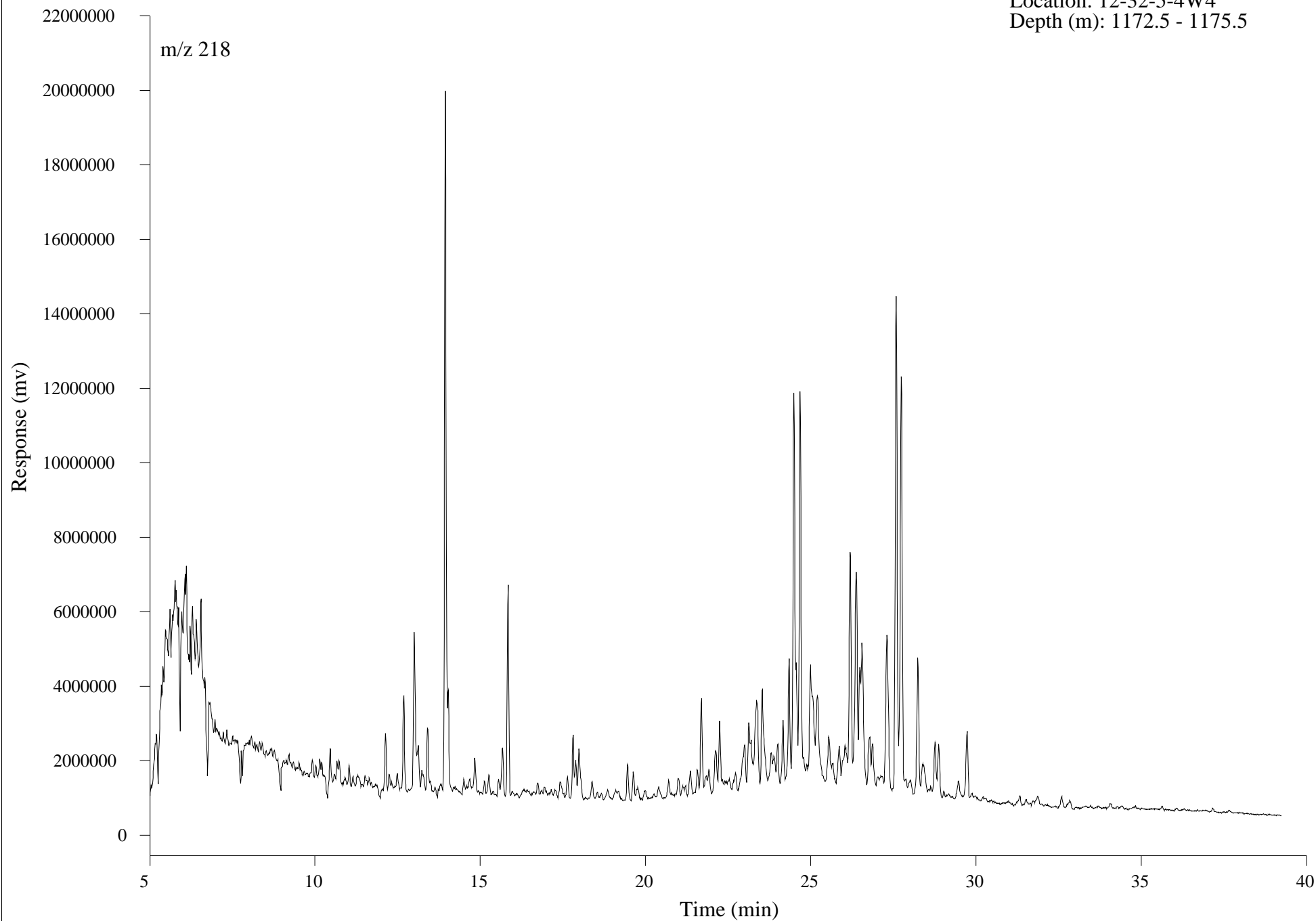
# Saturated Hydrocarbons Mass Chromatogram

Lab Id: L02138  
GSC No: C-558609  
Location: 12-32-5-4W4  
Depth (m): 1172.5 - 1175.5



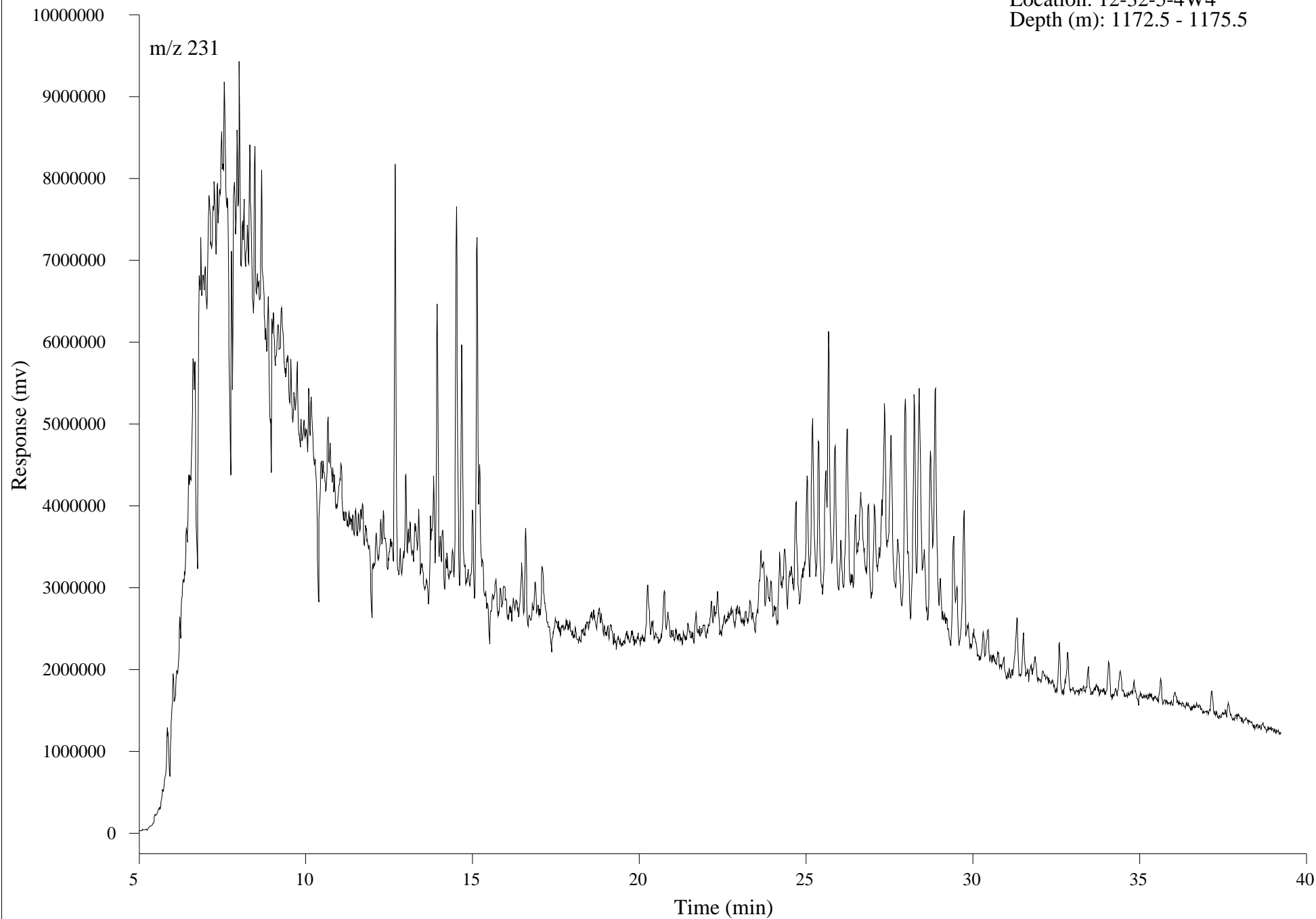
# Saturated Hydrocarbons Mass Chromatogram

Lab Id: L02138  
GSC No: C-558609  
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Depth (m): 1172.5 - 1175.5



# Saturated Hydrocarbons Mass Chromatogram

Lab Id: L02138  
GSC No: C-558609  
Location: 12-32-5-4W4  
Depth (m): 1172.5 - 1175.5



# Saturated Hydrocarbons Mass Chromatogram

Lab Id: L02138  
GSC No: C-558609  
Location: 12-32-5-4W4  
Depth (m): 1172.5 - 1175.5

