

# 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: L02018

GSC Catalog No: C-558592

Acquisition Date: 1995-05-23

Location: 2-19-19-16W4

UWI: 102021901916W400

Upper Depth (m): 1111.0

Lower Depth (m): 1113.5

Fraction: gasoline

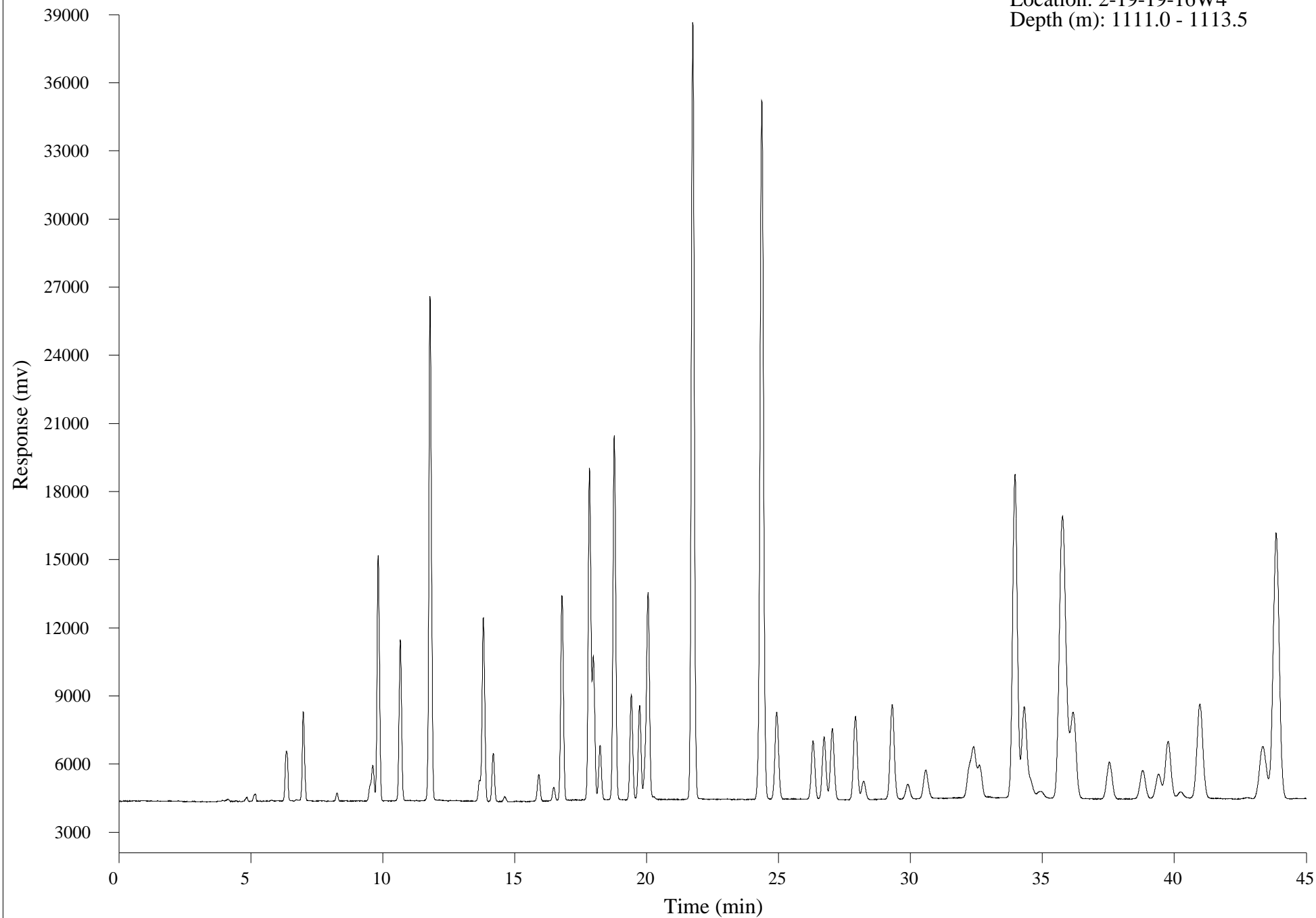
Instrument: HP 5890 GC

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

Time	Compound Name	Area	Height
6.35	iC5	15799.00	2195.66
6.99	nC5	23338.00	3911.59
8.27	22DMC4	1992.00	357.58
9.55	CYC5	3764.00	834.74
9.63	23DMC4	11362.00	1615.00
9.83	2MC5	71921.00	10952.00
10.67	3MC5	46650.00	7109.66
11.80	nC6	150240.00	22192.33
13.67	22DMC5	4238.00	914.30
13.82	MCYC5	57511.00	8072.67
14.19	24DMC5	13896.00	2125.27
14.63	223TMC4	1571.00	220.65
15.92	BEN	8538.00	1175.15
16.48	33DMC5	4029.00	594.49
16.80	CYC6	64189.00	9016.48
17.84	2MC6	105433.00	14607.28
17.99	23DMC5	40660.00	6320.61
18.24	11DMCYC5	17365.00	2393.60
18.78	3MC6	115350.00	16062.62
19.42	1c3DMCYC5	33502.00	4601.95
19.74	1t3DMCYC5	29995.00	4108.84
20.06	1t2DMCYC5	76676.00	9063.71
21.75	nC7	266823.00	34187.66
24.37	MCYC6	284088.00	30768.38
24.93	22DMC6	37161.00	3831.55
26.31	ECYC5	24675.00	2579.78
26.73	25DMC6	27016.00	2748.44
27.04	24DMC6	31269.00	3128.28
27.92	223TMC5	37926.00	3666.97
29.90	234TMC5	7216.00	632.23
30.58	TOL	15268.00	1251.24
33.97	2MC7	177208.00	14180.41
36.17	3MC7	55454.00	3784.45
43.35	1c4DMCYC6	41401.00	2303.76
43.86	nC8	190866.00	11697.57

# Gasoline Gas Chromatogram

Lab Id: L02018  
GSC No: C-558592  
Location: 2-19-19-16W4  
Depth (m): 1111.0 - 1113.5



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Sample ID: L02018

GSC Catalog No: C-558592

Acquisition Date: 1996-09-04

Location: 2-19-19-16W4

UWI: 102021901916W400

Upper Depth (m): 1111.0

Lower Depth (m): 1113.5

Fraction: saturate

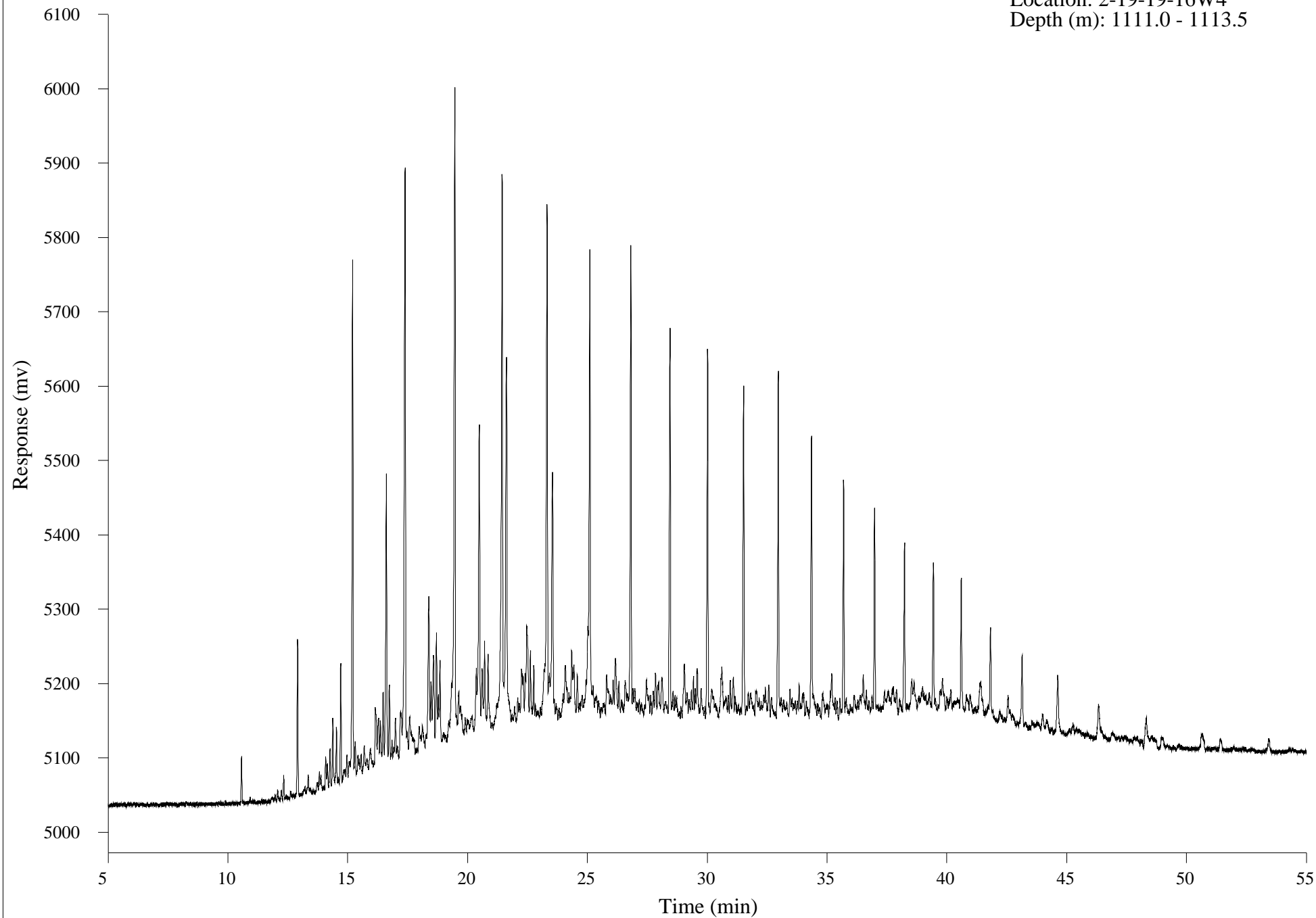
Instrument: Varian 3800 GC

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

Time	Compound Name	Area	Height
10.57	C12	157.22	64.93
12.91	C13	549.35	212.26
15.21	C14	1956.30	691.69
17.39	C15	2724.31	772.83
19.47	C16	3287.05	857.27
21.45	C17	2934.36	726.77
21.63	Pr	1953.13	478.71
23.32	C18	2554.99	677.36
23.55	Ph	1268.29	326.06
25.11	C19	2246.17	603.51
26.82	C20	1690.97	612.26
28.45	C21	1532.10	515.56
30.02	C22	1487.21	499.83
31.52	C23	1411.79	445.97
32.97	C24	1228.92	444.77
34.36	C25	1044.10	367.07
35.70	C26	902.19	314.44
36.99	C27	761.09	272.65
38.24	C28	686.32	224.15
39.44	C29	572.61	193.14
40.61	C30	520.10	176.98
41.83	C31	330.93	110.51
43.14	C32	342.03	92.23

# Saturated Hydrocarbons Gas Chromatogram

Lab Id: L02018  
GSC No: C-558592  
Location: 2-19-19-16W4  
Depth (m): 1111.0 - 1113.5



# 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

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

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Sample ID: L02018

GSC Catalog No: C-558592

Acquisition Date: 1997-01-20

Location: 2-19-19-16W4

UWI: 102021901916W400

Upper Depth (m): 1111.0

Lower Depth (m): 1113.5

Fraction: saturate

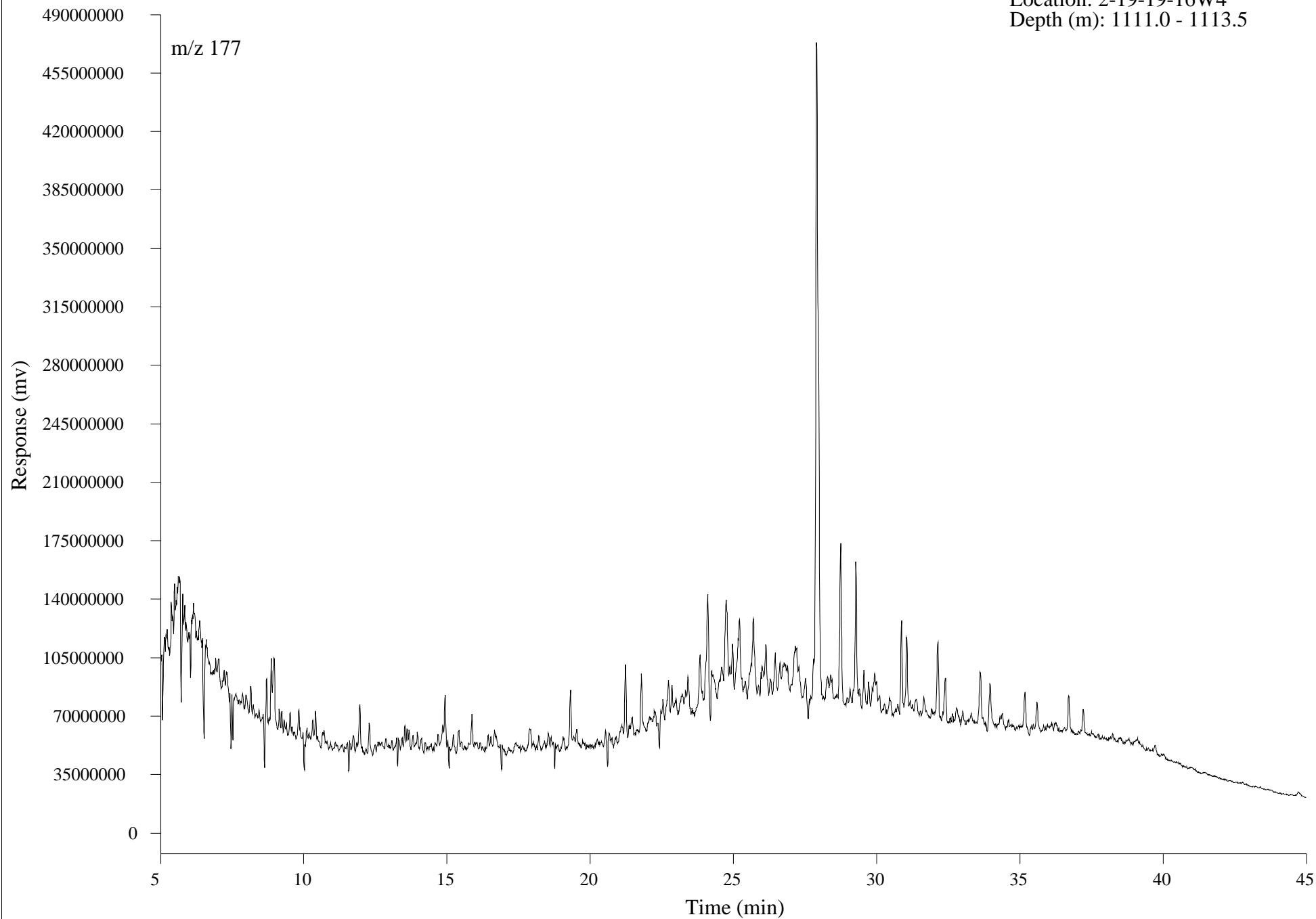
Instrument: HP 5890 GC/VG70SQ MS

MS Mode: Selected Ion Monitoring + EI

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

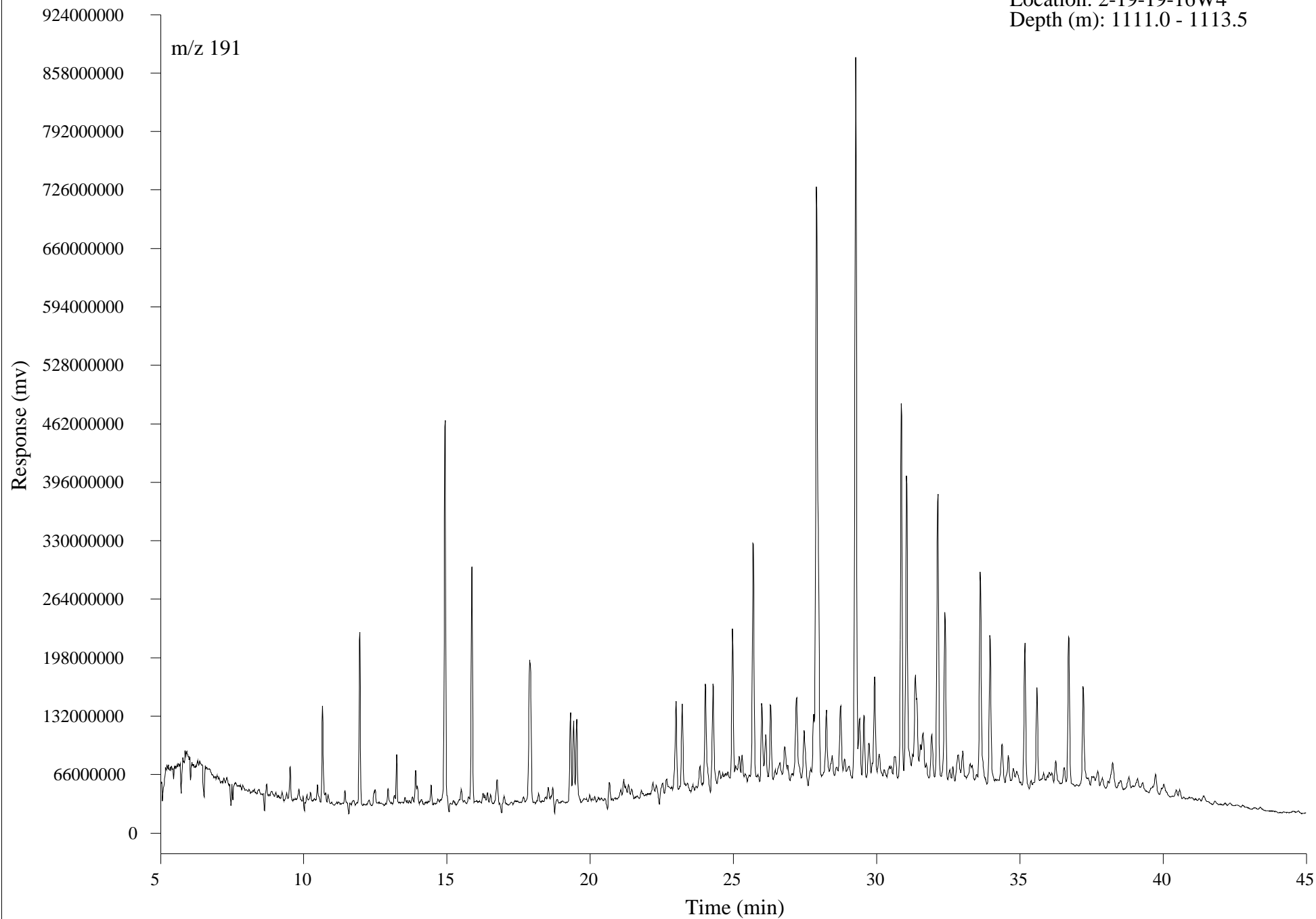
# Saturated Hydrocarbons Mass Chromatogram

Lab Id: L02018  
GSC No: C-558592  
Location: 2-19-19-16W4  
Depth (m): 1111.0 - 1113.5



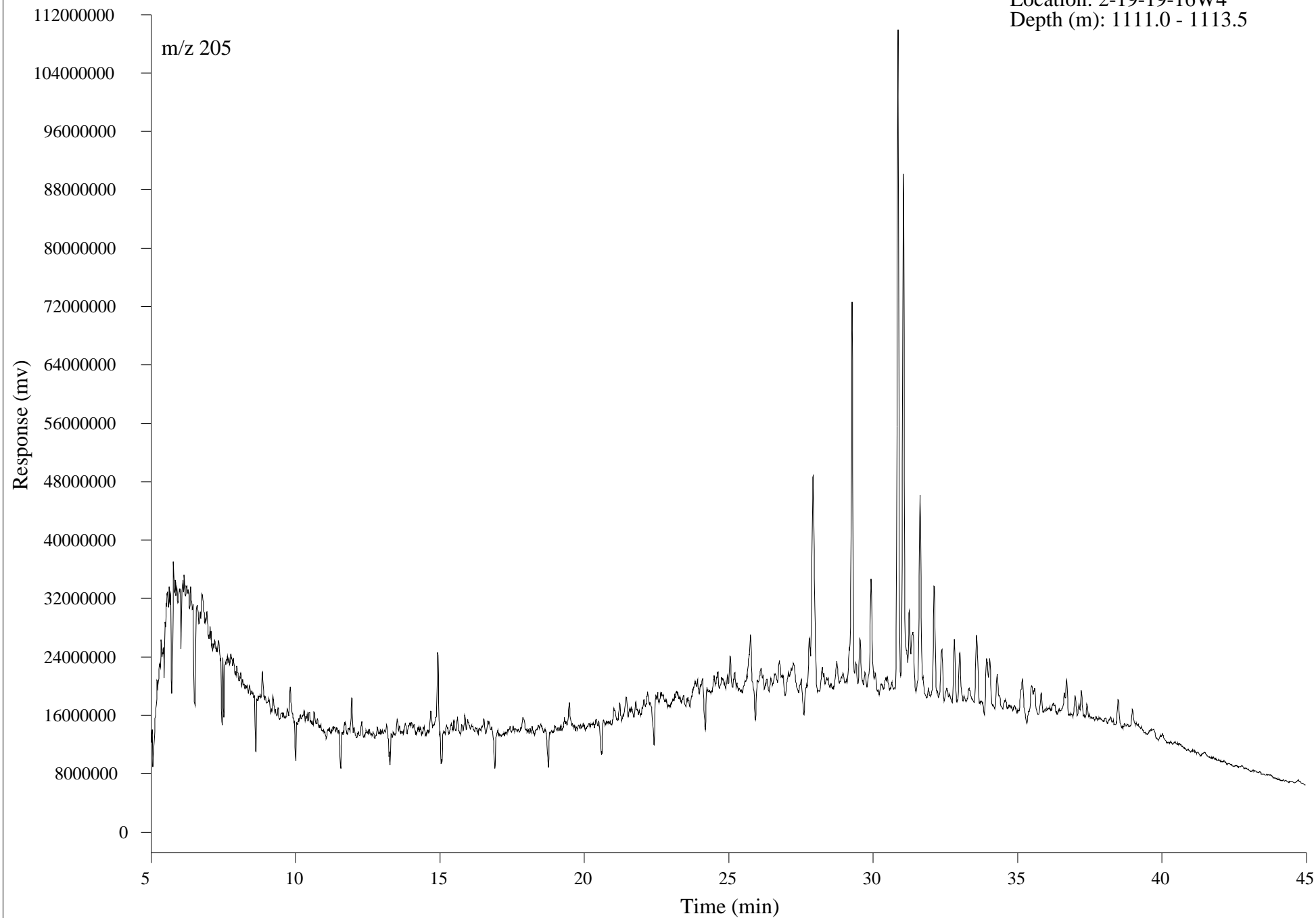
# Saturated Hydrocarbons Mass Chromatogram

Lab Id: L02018  
GSC No: C-558592  
Location: 2-19-19-16W4  
Depth (m): 1111.0 - 1113.5



# Saturated Hydrocarbons Mass Chromatogram

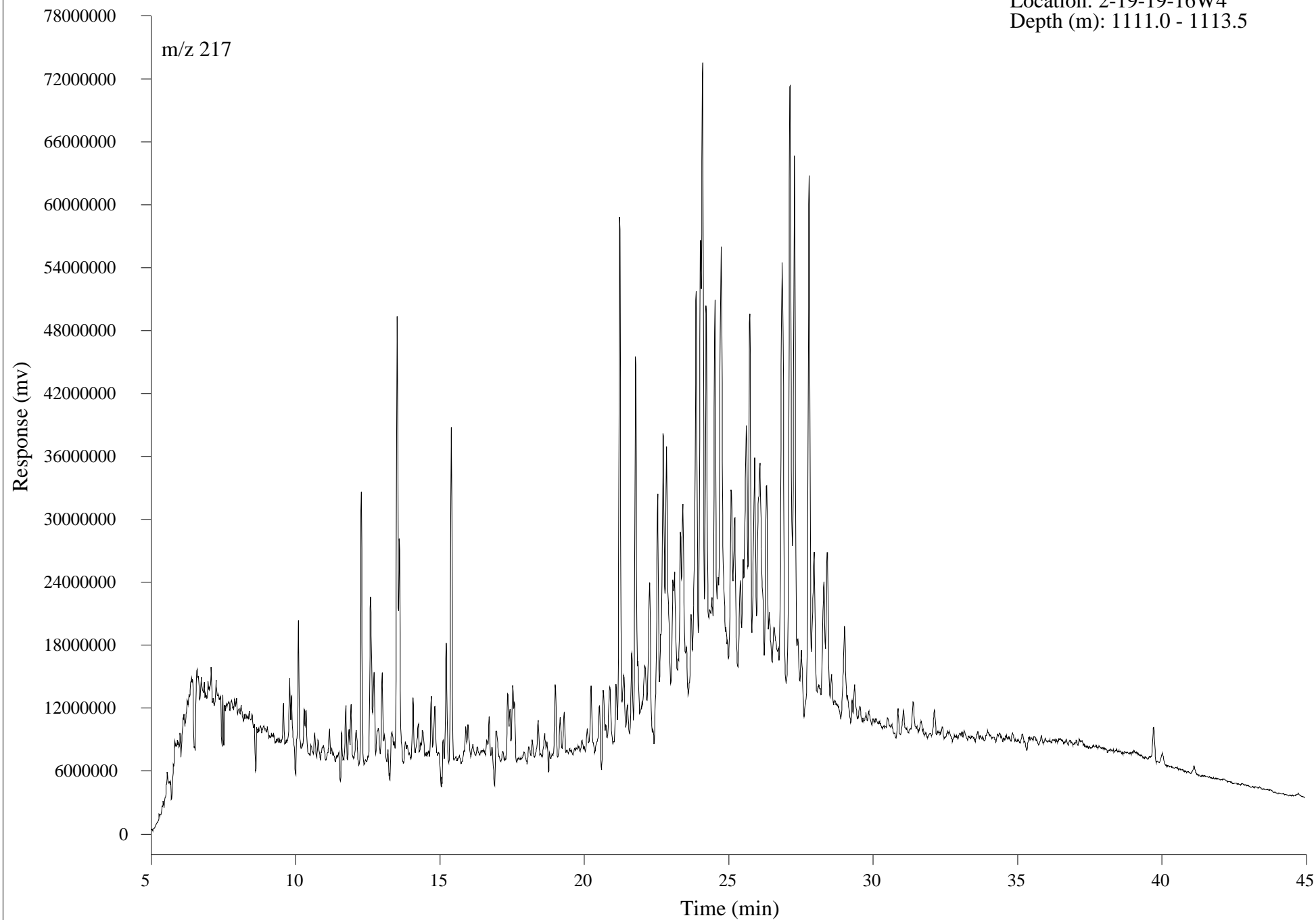
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GSC No: C-558592  
Location: 2-19-19-16W4  
Depth (m): 1111.0 - 1113.5





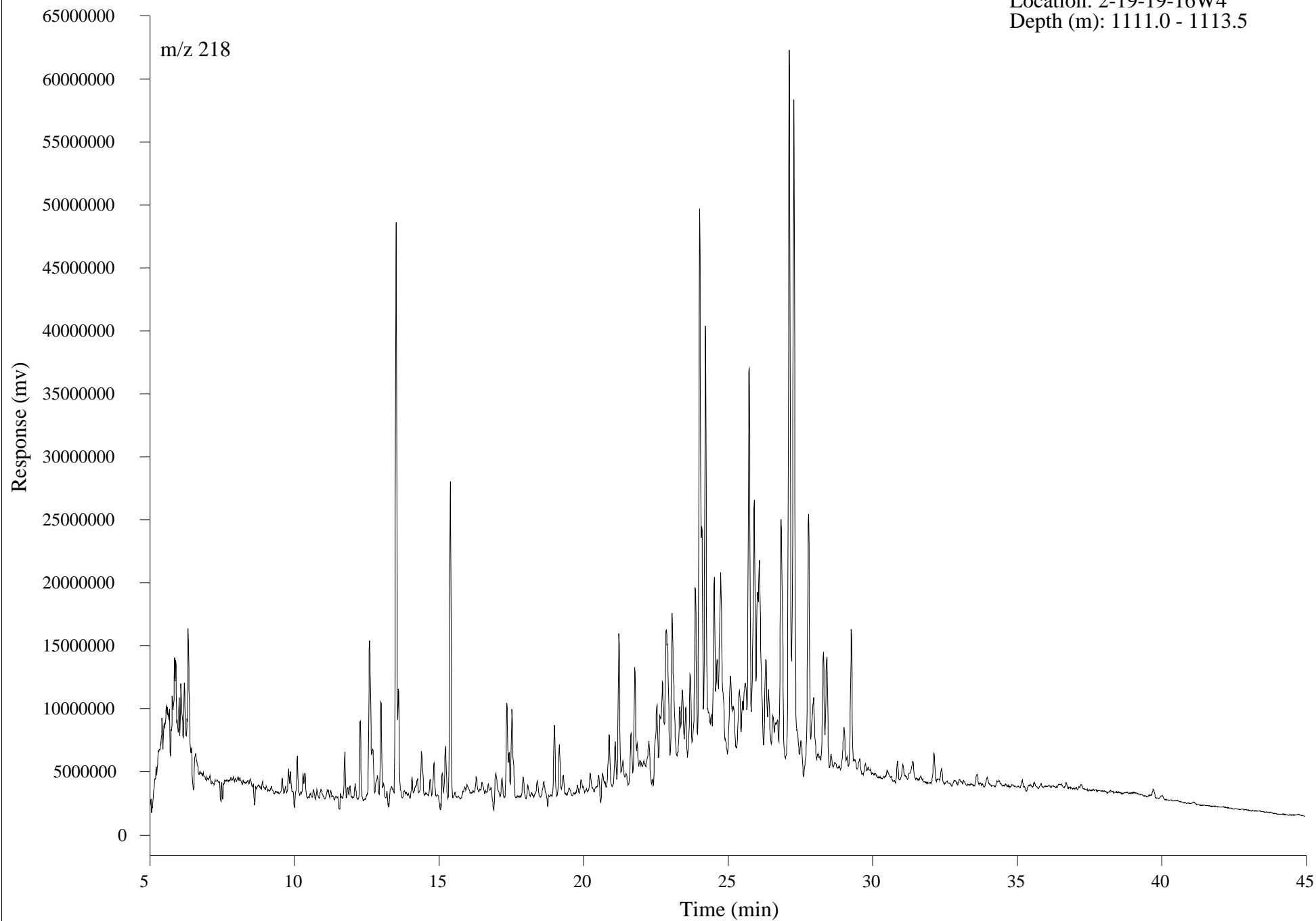
# Saturated Hydrocarbons Mass Chromatogram

Lab Id: L02018  
GSC No: C-558592  
Location: 2-19-19-16W4  
Depth (m): 1111.0 - 1113.5



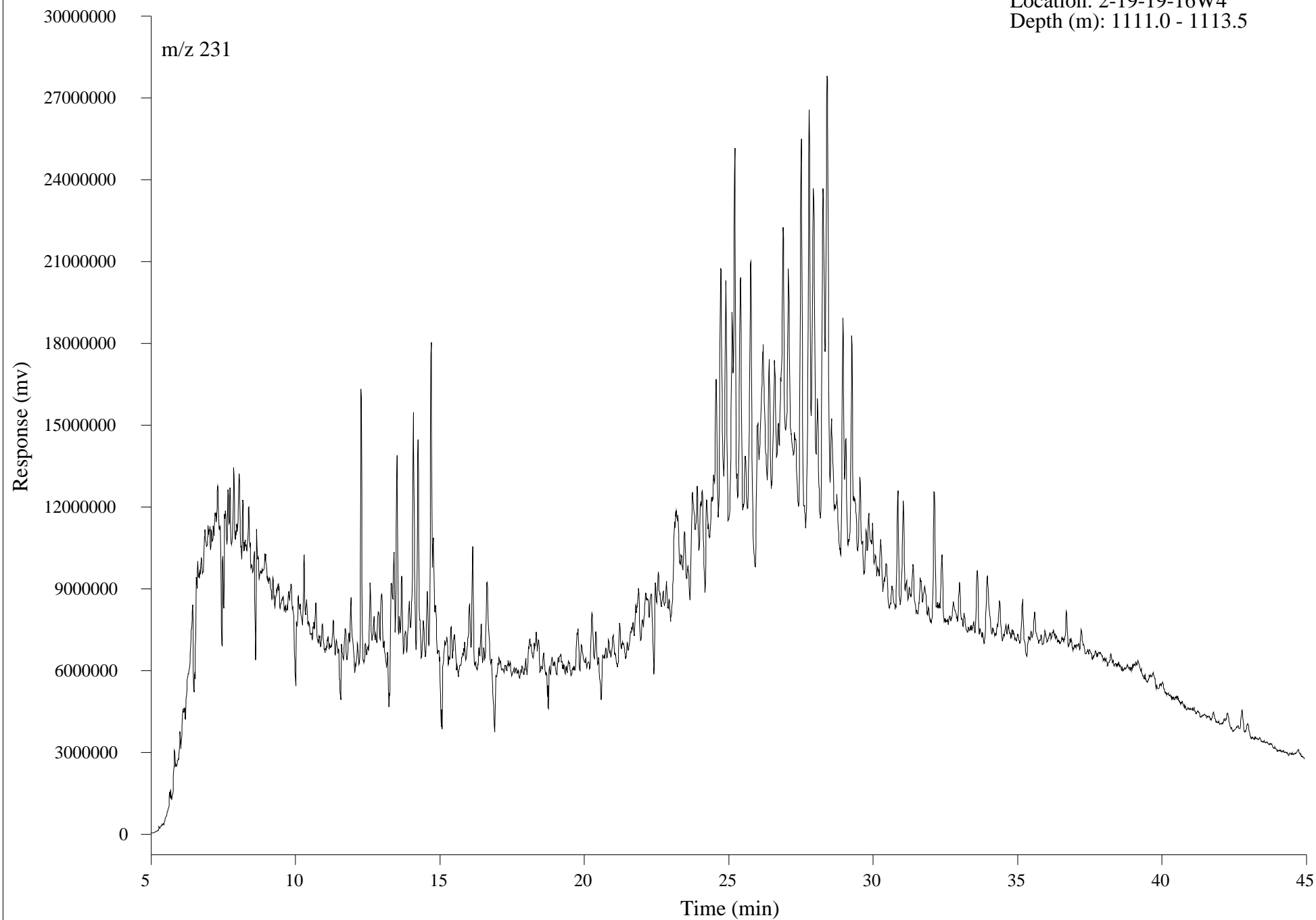
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Location: 2-19-19-16W4  
Depth (m): 1111.0 - 1113.5



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Lab Id: L02018  
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Location: 2-19-19-16W4  
Depth (m): 1111.0 - 1113.5

