

# 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: L02571

GSC Catalog No: C-558822

Acquisition Date: 1998-01-19

Location: 14-24-29-12W4

UWI: 100142402912W400

Upper Depth (m): 1076.0

Lower Depth (m): 1079.0

Fraction: gasoline

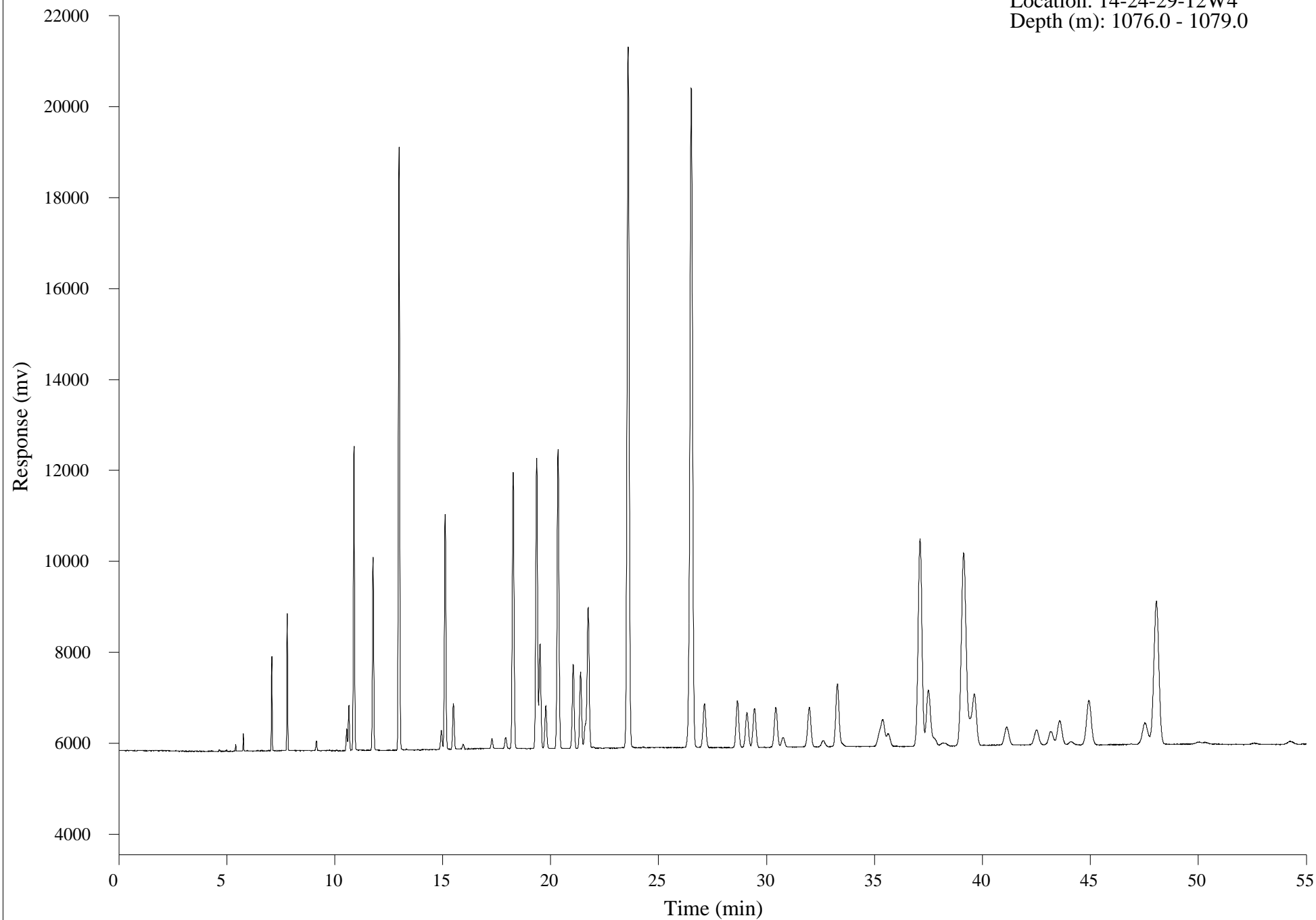
Instrument: HP 5890 GC

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

Time	Compound Name	Area	Height
7.09	iC5	5091.00	2071.80
7.80	nC5	7817.00	3024.64
9.15	22DMC4	699.00	210.29
10.56	CYC5	1684.00	477.92
10.65	23DMC4	3887.00	993.94
10.89	2MC5	24946.00	6680.19
11.78	3MC5	17166.00	4238.55
12.98	nC6	54584.00	13297.11
14.94	22DMC5	2080.00	412.57
15.12	MCYC5	24818.00	5168.95
15.50	24DMC5	5108.00	1005.85
15.95	223TMC4	545.00	99.68
17.28	BEN	1146.00	222.97
17.92	33DMC5	1463.00	244.54
18.27	CYC6	33866.00	6088.45
19.35	2MC6	36655.00	6403.98
19.51	23DMC5	13356.00	2296.84
19.78	11DMCYC5	5669.00	933.22
20.35	3MC6	39361.00	6589.95
21.05	1c3DMCYC5	11455.00	1840.60
21.39	1t3DMCYC5	9891.00	1625.91
21.74	1t2DMCYC5	20723.00	3100.00
23.59	nC7	106437.00	15414.74
26.52	MCYC6	123610.00	14500.60
27.13	22DMC6	8822.00	961.62
28.65	ECYC5	9128.00	1029.15
29.10	25DMC6	7257.00	760.10
29.44	24DMC6	8147.00	852.80
30.43	223TMC5	8683.00	877.78
32.64	234TMC5	1460.00	131.98
33.28	TOL	14671.00	1366.42
37.11	2MC7	56531.00	4553.46
39.63	3MC7	17502.00	1130.48
47.53	1c4DMCYC6	7984.00	465.31
48.06	nC8	51764.00	3148.40

# Gasoline Gas Chromatogram

Lab Id: L02571  
GSC No: C-558822  
Location: 14-24-29-12W4  
Depth (m): 1076.0 - 1079.0



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Lower Depth (m): 1079.0

Fraction: gasoline

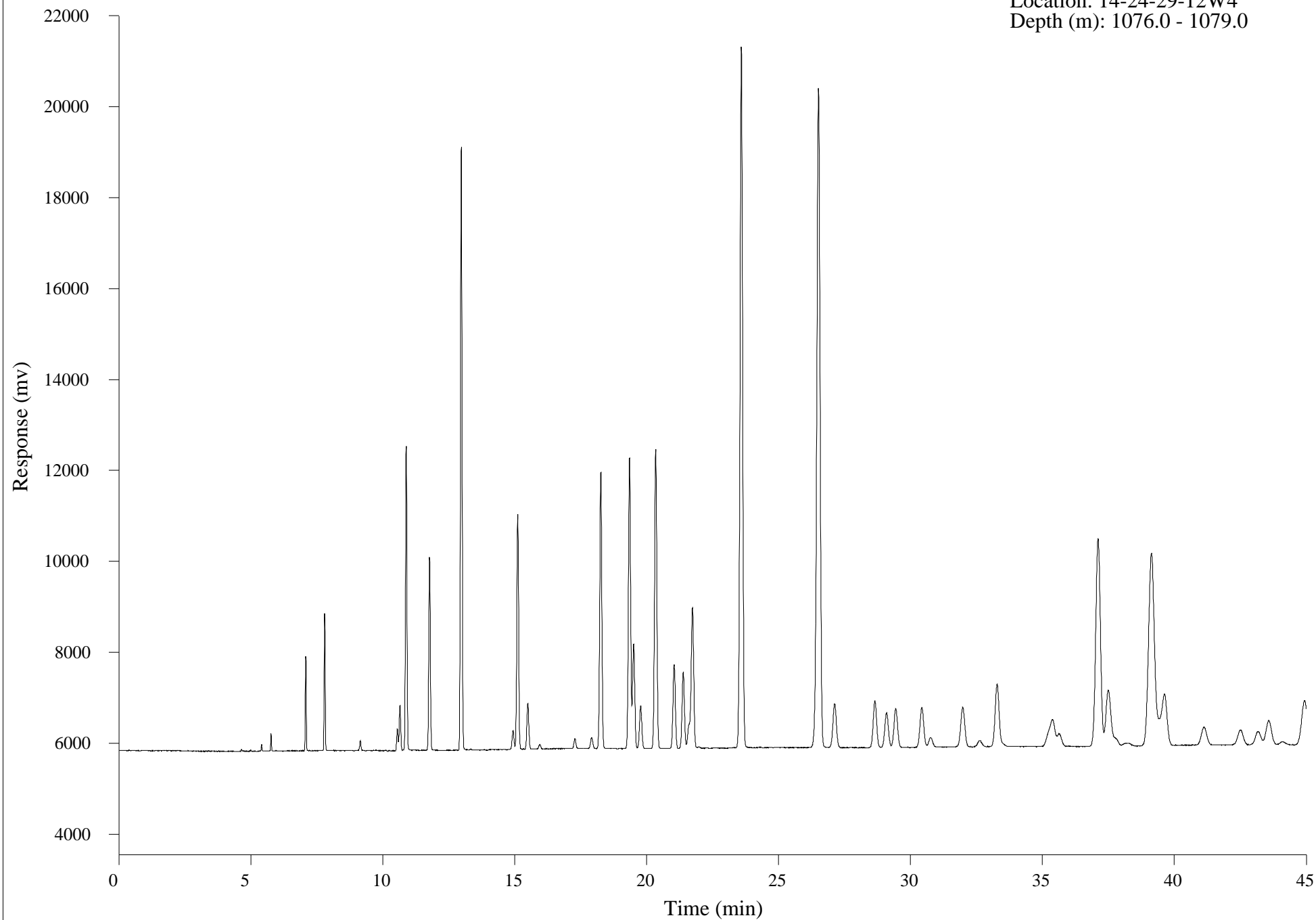
Instrument: HP 5890 GC

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

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12.98	nC6	54584.00	13297.11
14.94	22DMC5	2080.00	412.57
15.12	MCYC5	24818.00	5168.95
15.50	24DMC5	5108.00	1005.85
15.95	223TMC4	545.00	99.68
17.28	BEN	1146.00	222.97
17.92	33DMC5	1463.00	244.54
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19.35	2MC6	36655.00	6403.98
19.51	23DMC5	13356.00	2296.84
19.78	11DMCYC5	5669.00	933.22
20.35	3MC6	39361.00	6589.95
21.05	1c3DMCYC5	11455.00	1840.60
21.39	1t3DMCYC5	9891.00	1625.91
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23.59	nC7	106437.00	15414.74
26.52	MCYC6	123610.00	14500.60
27.13	22DMC6	8822.00	961.62
28.65	ECYC5	9128.00	1029.15
29.10	25DMC6	7257.00	760.10
29.44	24DMC6	8147.00	852.80
30.43	223TMC5	8683.00	877.78
32.64	234TMC5	1460.00	131.98
33.28	TOL	14671.00	1366.42
37.11	2MC7	56531.00	4553.46
39.63	3MC7	17502.00	1130.48
47.53	1c4DMCYC6	7984.00	465.31
48.06	nC8	51764.00	3148.40

# Gasoline Gas Chromatogram

Lab Id: L02571  
GSC No: C-558822  
Location: 14-24-29-12W4  
Depth (m): 1076.0 - 1079.0



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Sample ID: L02571

GSC Catalog No: C-558822

Acquisition Date: 1998-05-26

Location: 14-24-29-12W4

UWI: 100142402912W400

Upper Depth (m): 1076.0

Lower Depth (m): 1079.0

Fraction: saturate

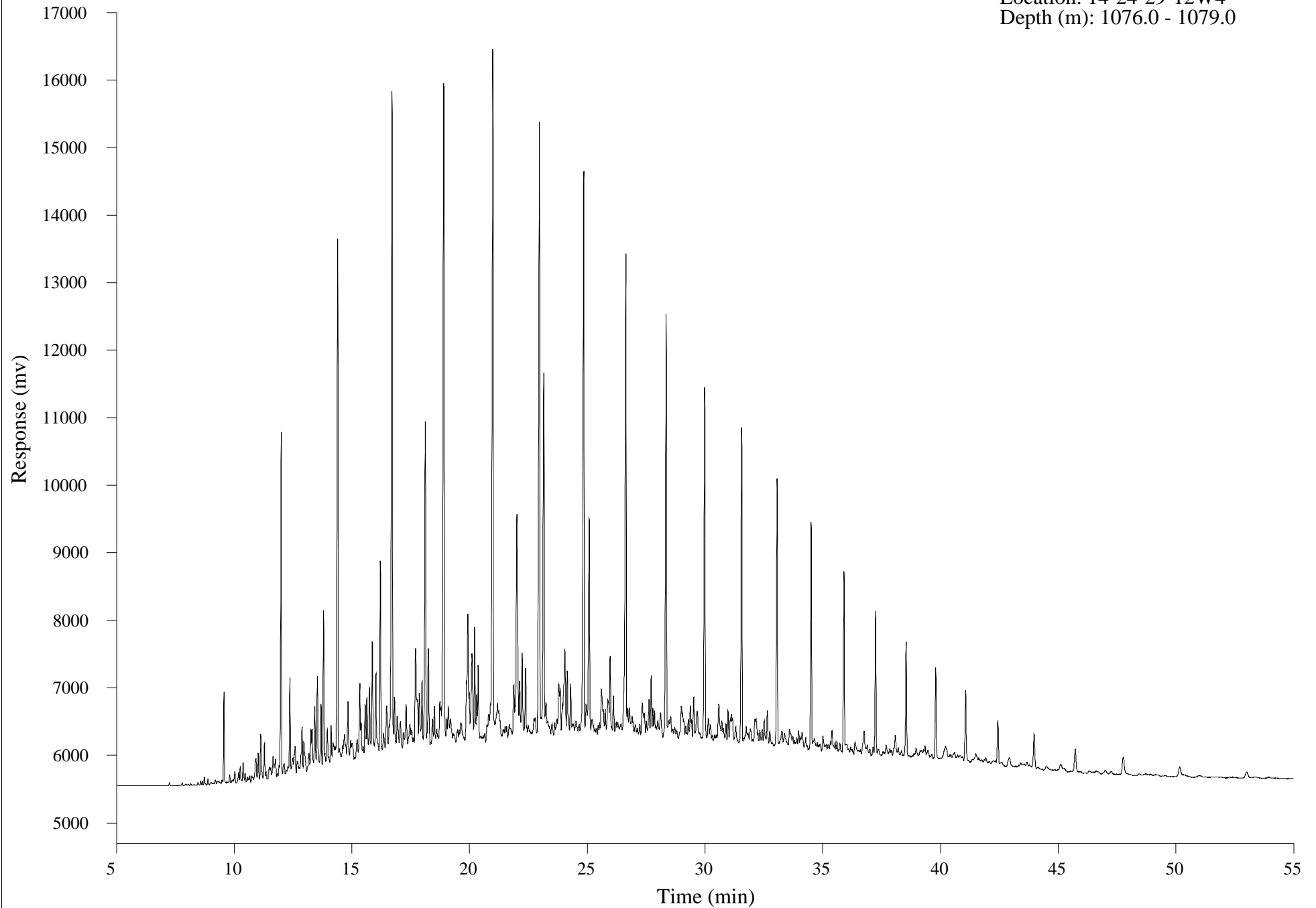
Instrument: Varian 3800 GC

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

Time	Compound Name	Area	Height
7.25	C10	102.61	44.46
9.57	C11	3080.29	1358.19
12.00	C12	13101.86	5109.46
14.40	C13	22149.31	7757.63
16.71	C14	31304.32	9854.84
18.90	C15	33386.56	9724.69
20.99	C16	32905.44	10021.58
22.97	C17	29230.99	9042.93
23.15	Pr	18290.01	5218.83
24.85	C18	26466.59	8386.00
25.08	Ph	10761.70	3152.98
26.64	C19	24114.69	7069.71
28.35	C20	19647.31	6285.52
29.99	C21	15982.15	5187.46
31.56	C22	13780.15	4699.30
33.06	C23	11708.15	3942.72
34.51	C24	9422.50	3349.95
35.90	C25	7371.44	2596.04
37.25	C26	6208.88	2125.82
38.54	C27	5069.34	1687.63
39.80	C28	3978.70	1329.17
41.07	C29	3535.25	1045.74
42.44	C30	2147.76	630.50
43.98	C31	2051.46	500.22
45.73	C32	1648.06	333.40

# Saturated Hydrocarbons Gas Chromatogram

Lab Id: L02571  
GSC No: C-558822  
Location: 14-24-29-12W4  
Depth (m): 1076.0 - 1079.0



# Gas Chromatography - Mass Spectrometry Report

## Organic Geochemistry Laboratory, Geological Survey of Canada - Calgary

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Sample ID: L02571

GSC Catalog No: C-558822

Acquisition Date: 1998-06-23

Location: 14-24-29-12W4

UWI: 100142402912W400

Upper Depth (m): 1076.0

Lower Depth (m): 1079.0

Fraction: saturate

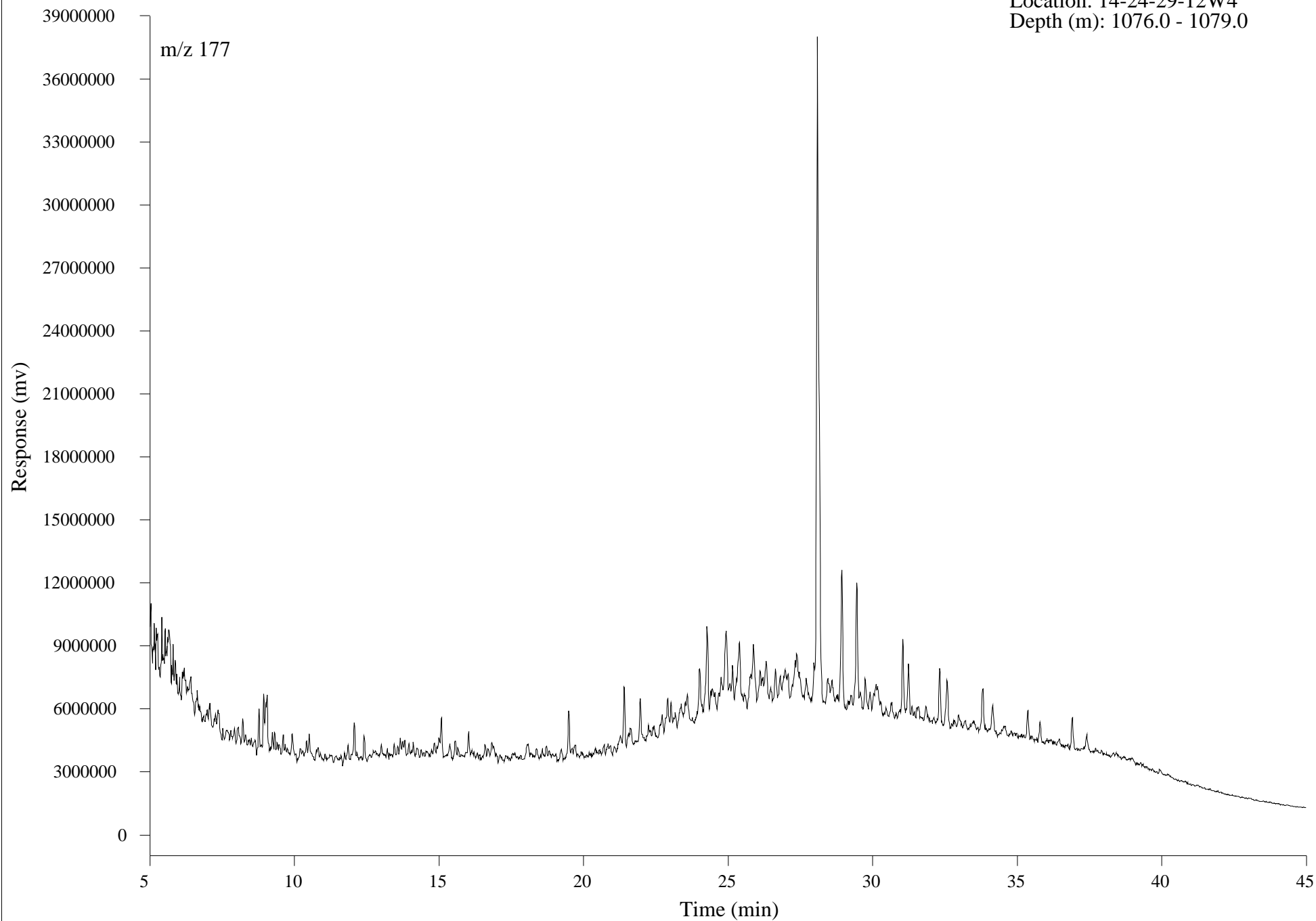
Instrument: HP 5890 GC/VG70SQ MS

MS Mode: Selected Ion Monitoring + EI

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

# Saturated Hydrocarbons Mass Chromatogram

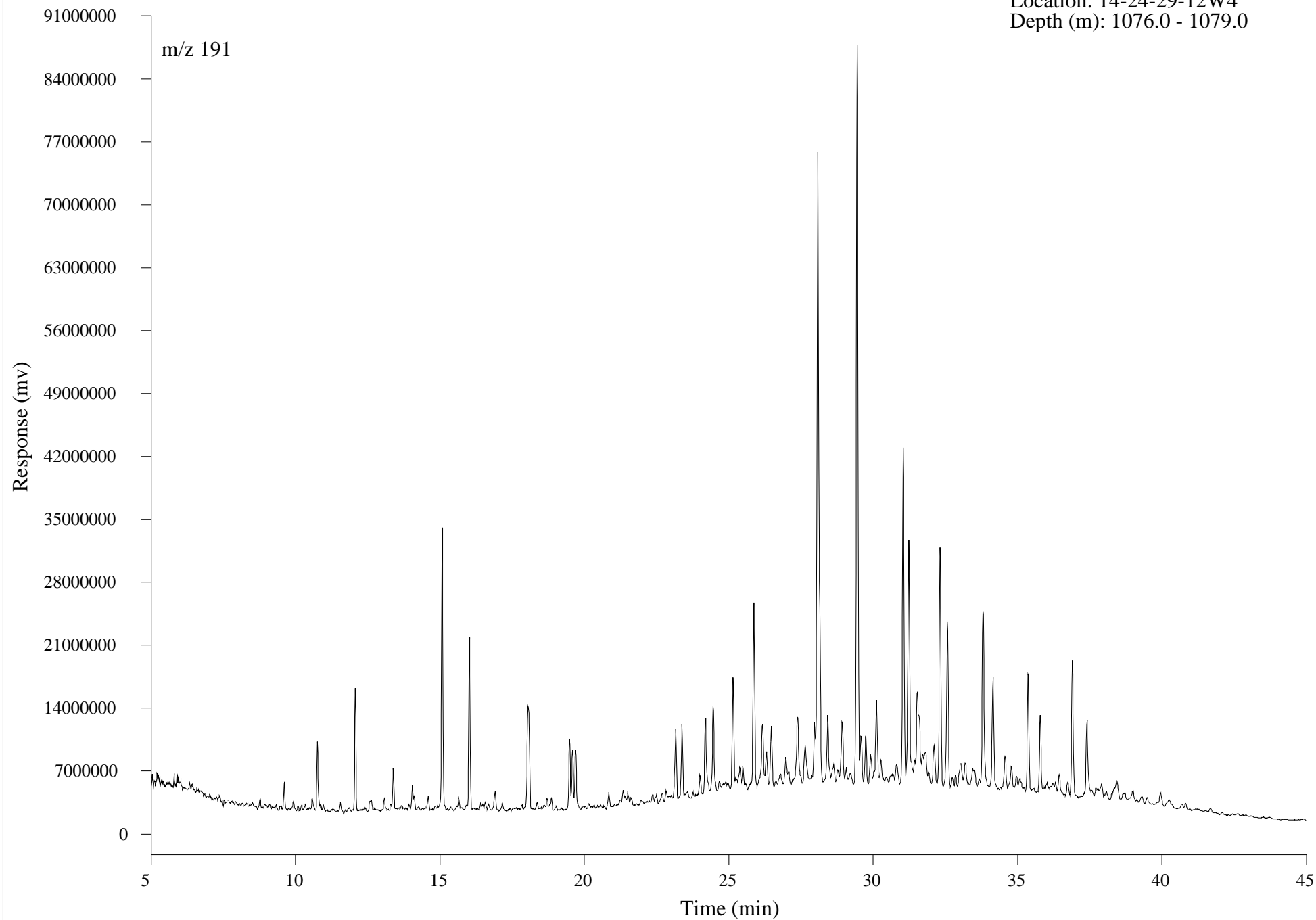
Lab Id: L02571  
GSC No: C-558822  
Location: 14-24-29-12W4  
Depth (m): 1076.0 - 1079.0





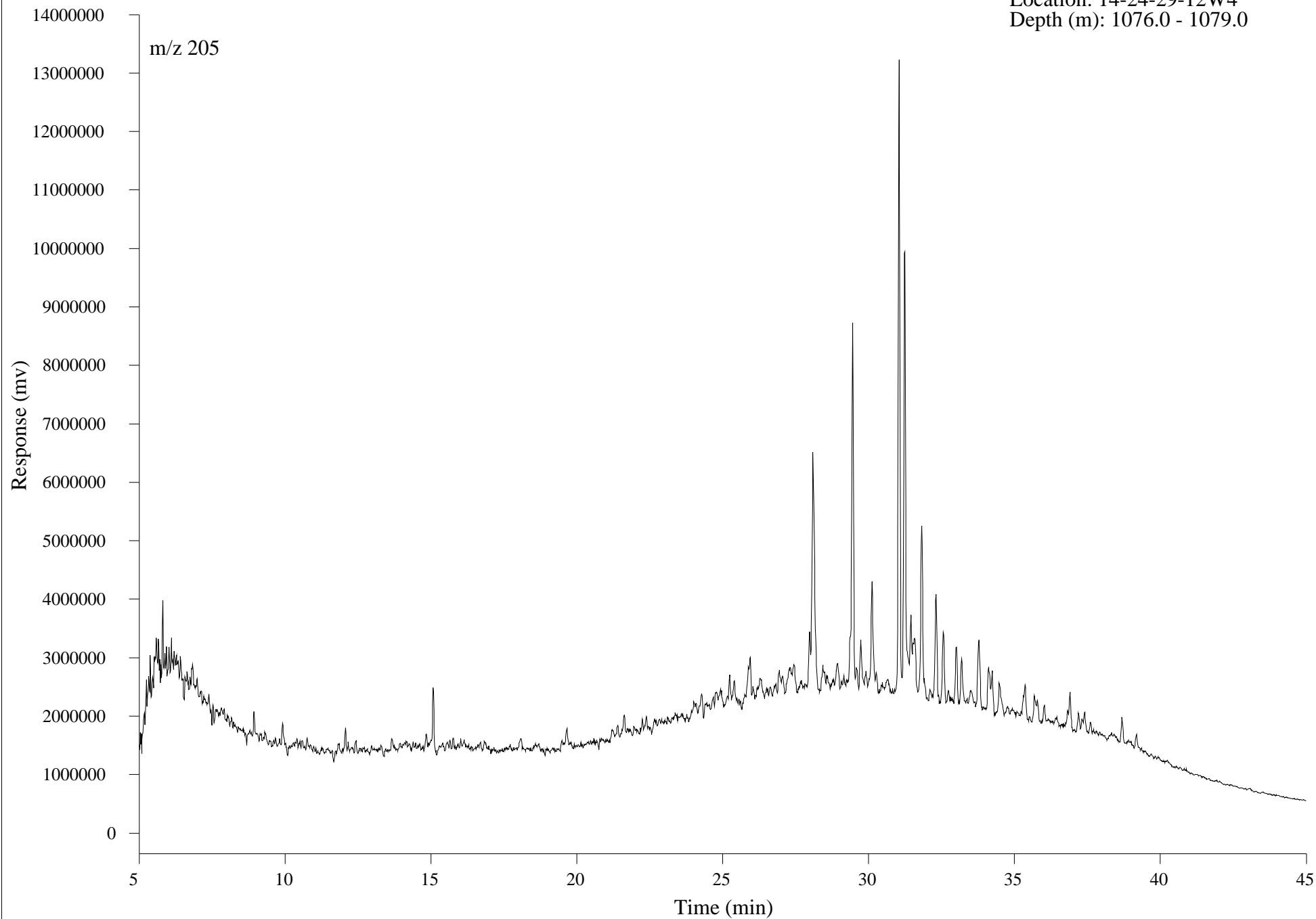
# Saturated Hydrocarbons Mass Chromatogram

Lab Id: L02571  
GSC No: C-558822  
Location: 14-24-29-12W4  
Depth (m): 1076.0 - 1079.0



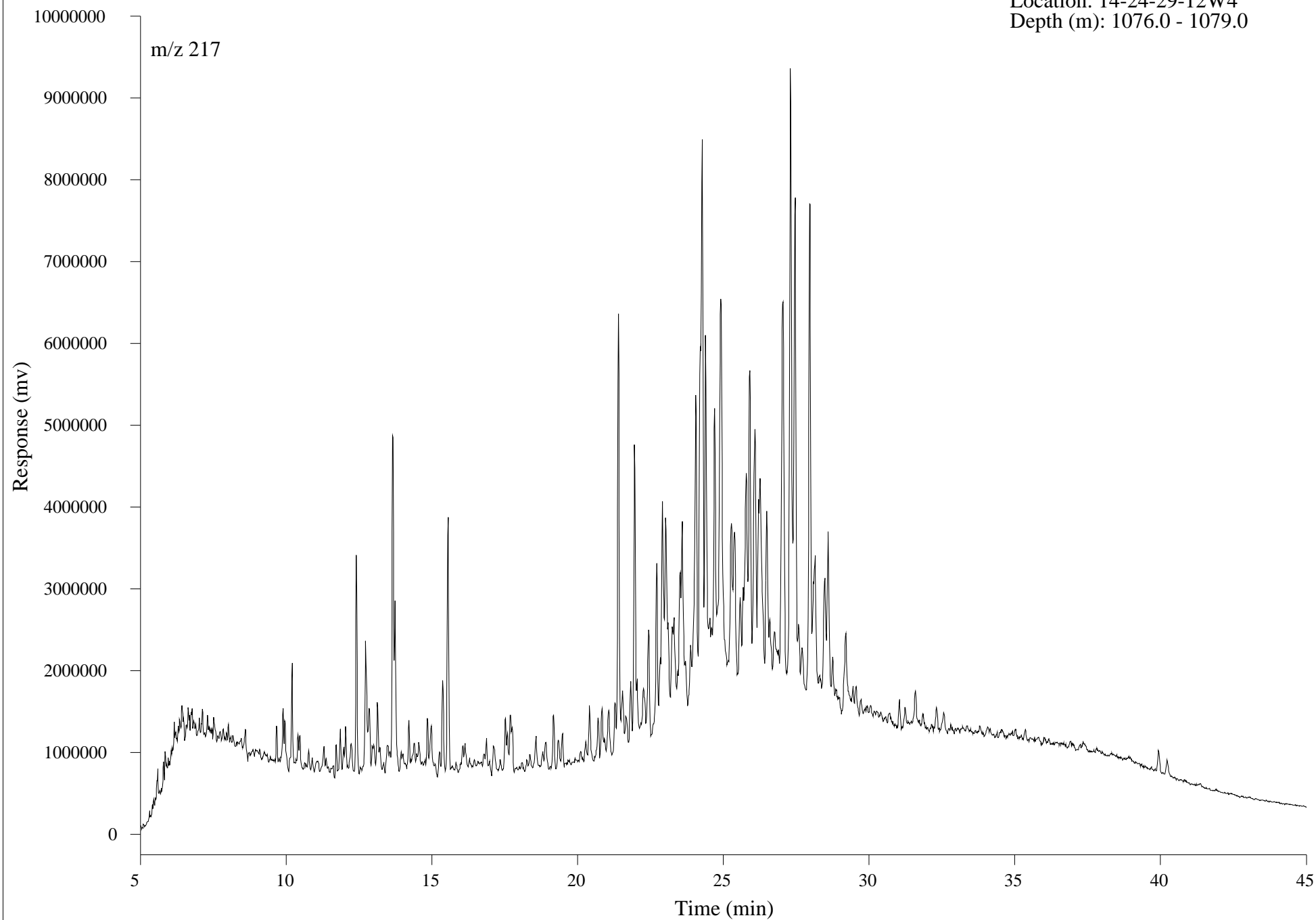
# Saturated Hydrocarbons Mass Chromatogram

Lab Id: L02571  
GSC No: C-558822  
Location: 14-24-29-12W4  
Depth (m): 1076.0 - 1079.0



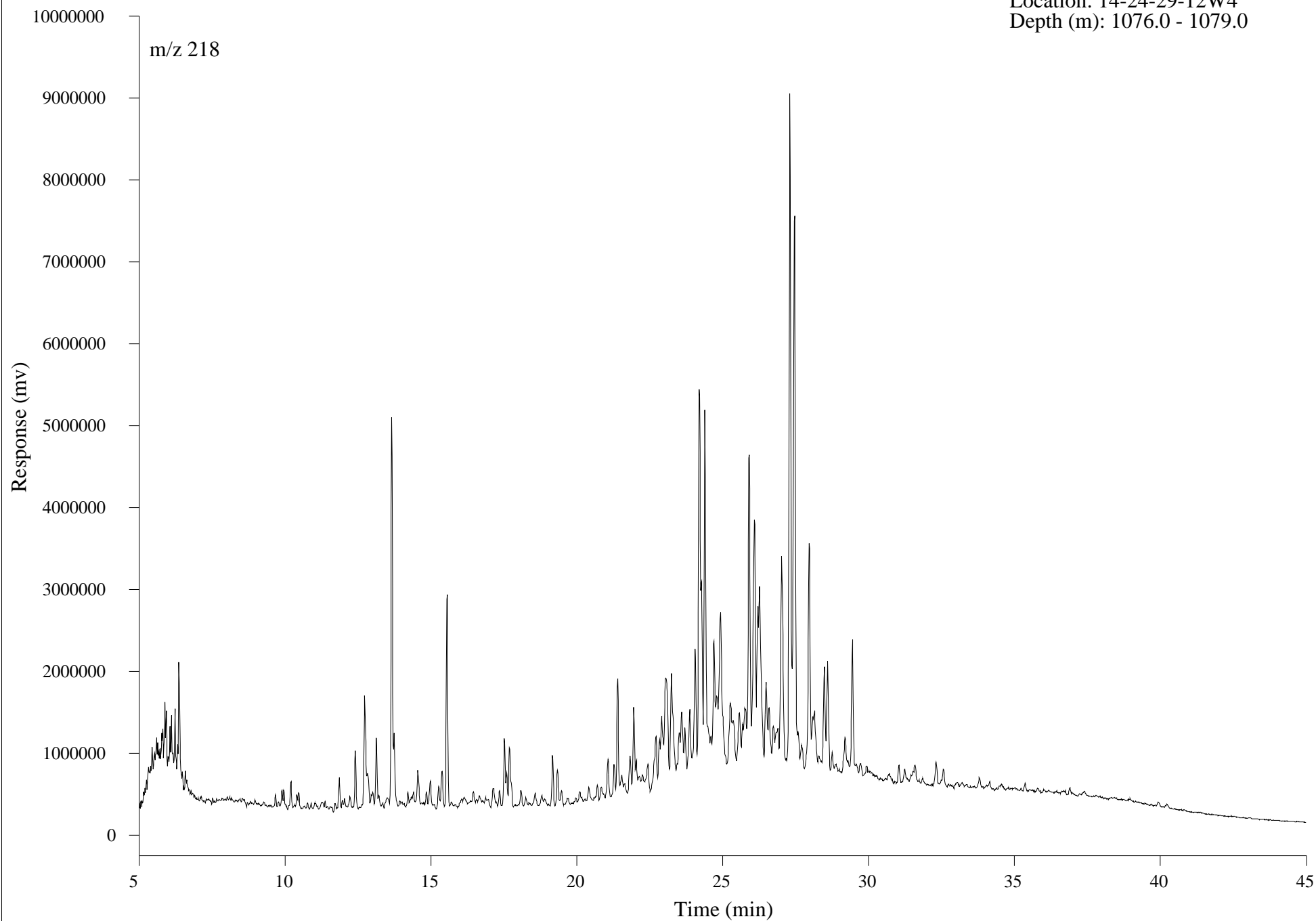
# Saturated Hydrocarbons Mass Chromatogram

Lab Id: L02571  
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Location: 14-24-29-12W4  
Depth (m): 1076.0 - 1079.0



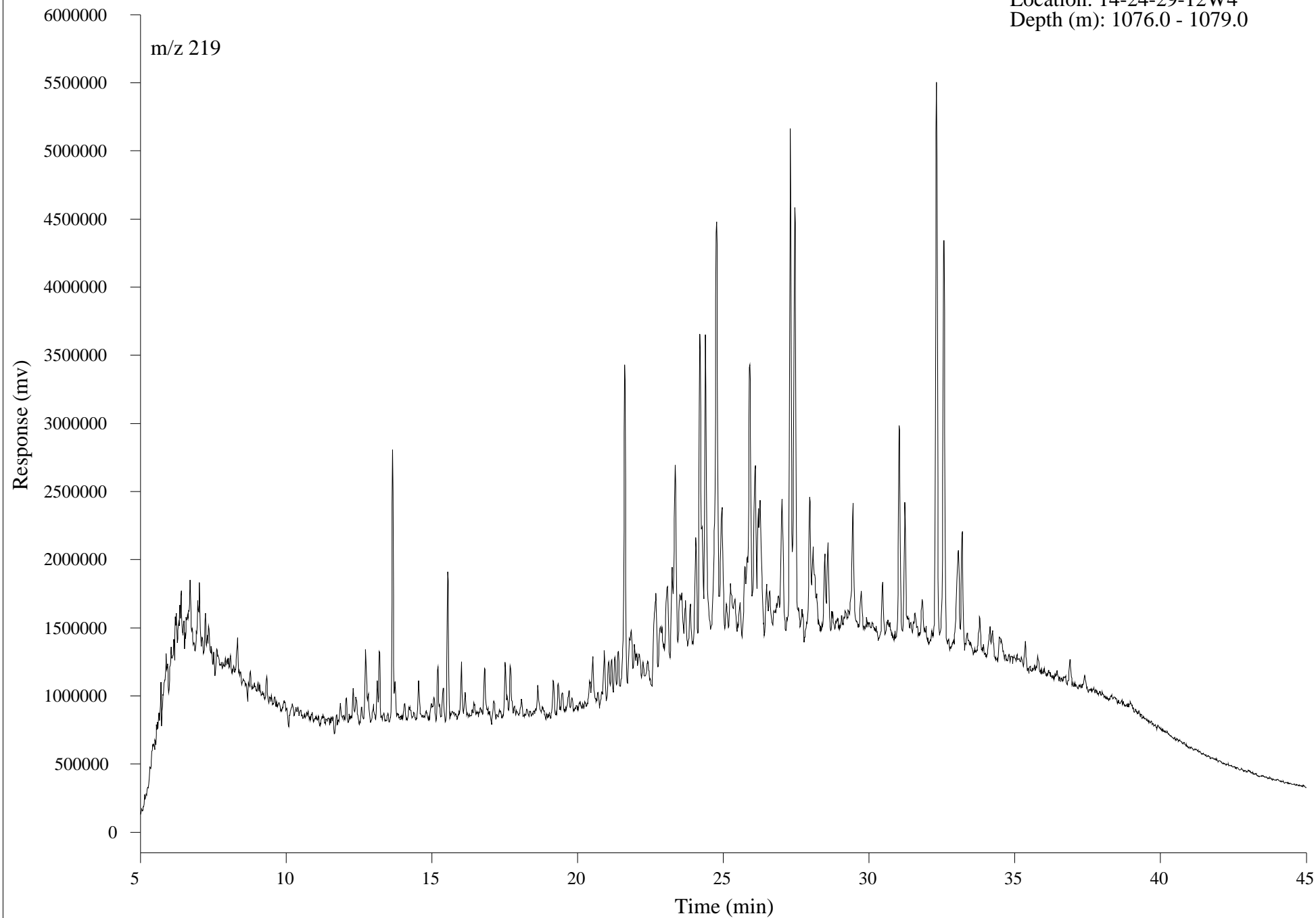
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Lab Id: L02571  
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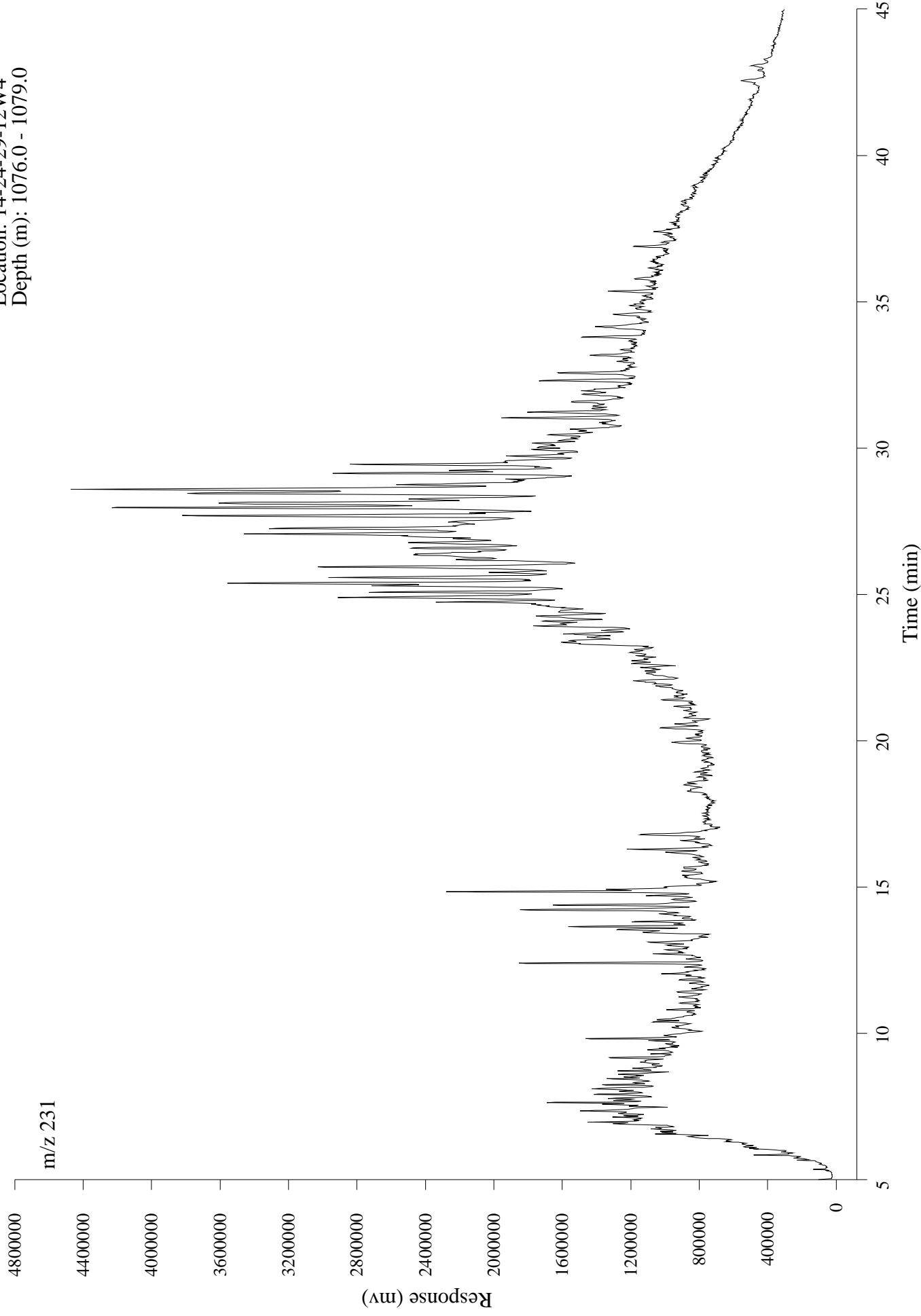
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Lab Id: L02571  
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