

# 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: L01342

GSC Catalog No: C-558238

Acquisition Date: 1994-09-13

Location: 3-2-16-15W4

UWI: 100030201615W400

Upper Depth (m): 1040.5

Lower Depth (m): 1050.5

Fraction: gasoline

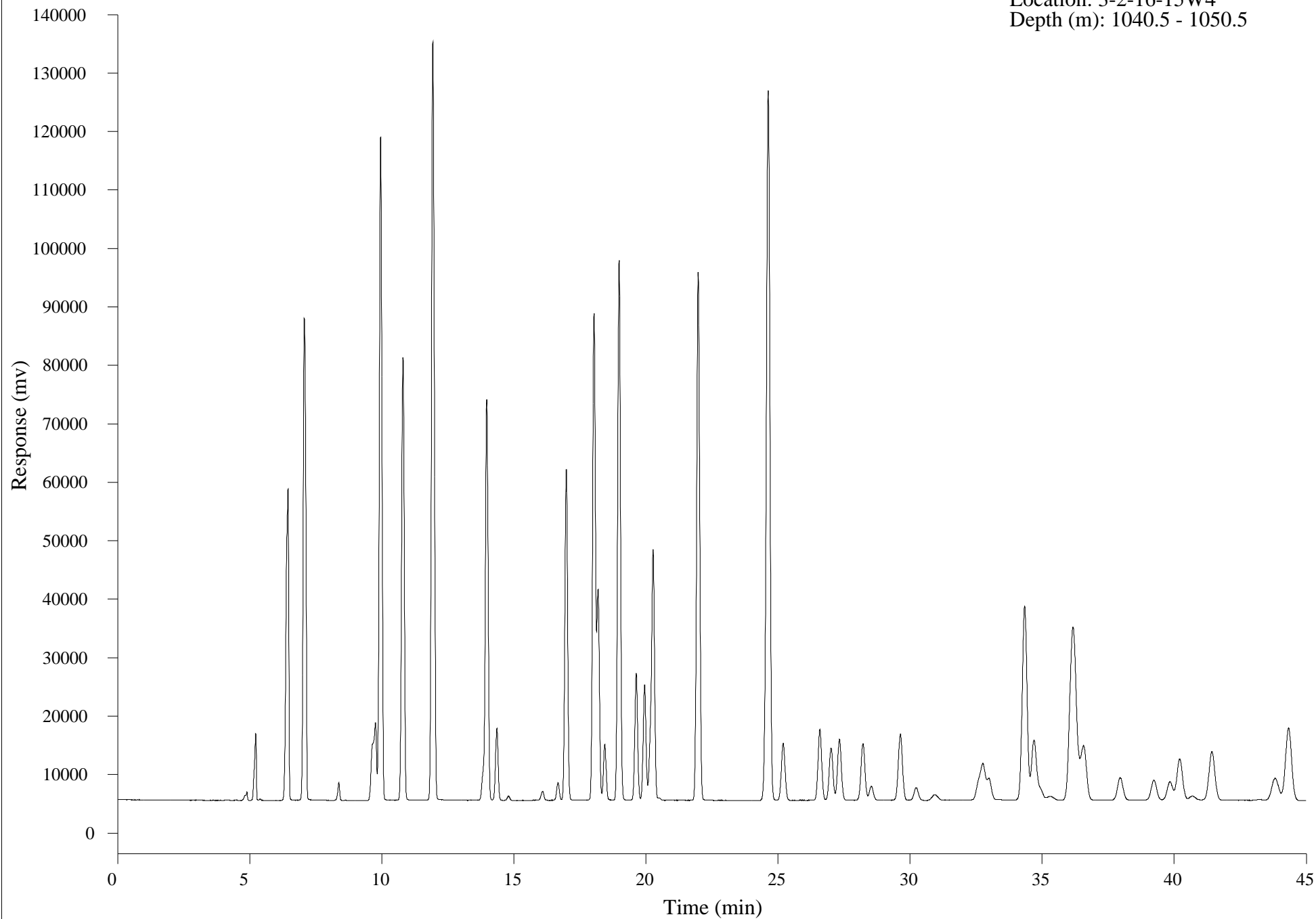
Instrument: HP 5890 GC

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

Time	Compound Name	Area	Height
6.45	iC5	376135.00	53341.04
7.07	nC5	572032.00	82501.67
8.38	22DMC4	15679.00	3047.27
9.69	CYC5	61347.00	10480.00
9.77	23DMC4	92998.00	13760.77
9.96	2MC5	798860.00	113826.00
10.80	3MC5	529784.00	75779.84
11.94	nC6	964773.00	129659.43
13.85	22DMC5	20560.00	5597.37
13.98	MCYC5	501595.00	68707.00
14.36	24DMC5	83249.00	12249.86
14.80	223TMC4	5015.00	735.46
16.09	BEN	11593.00	1530.38
16.68	33DMC5	20983.00	2976.93
16.99	CYC6	410975.00	56614.30
18.04	2MC6	628597.00	83328.54
18.19	23DMC5	235530.00	36109.70
18.45	11DMCYC5	68555.00	9466.01
18.99	3MC6	683025.00	92351.35
19.64	1c3DMCYC5	160942.00	21723.86
19.95	1t3DMCYC5	147246.00	19706.33
20.28	1t2DMCYC5	380234.00	42884.47
21.98	nC7	724002.00	90299.84
24.63	MCYC6	1134593.00	121497.13
25.20	22DMC6	95425.00	9781.13
26.59	ECYC5	117540.00	12149.13
27.01	25DMC6	89579.00	8970.52
27.33	24DMC6	105142.00	10415.80
28.22	223TMC5	102137.00	9705.13
30.24	234TMC5	25390.00	2193.70
30.95	TOL	14799.00	965.03
34.34	2MC7	420384.00	33061.71
36.57	3MC7	140031.00	9331.74
43.83	1c4DMCYC6	68159.00	3783.73
44.33	nC8	203713.00	12416.04

# Gasoline Gas Chromatogram

Lab Id: L01342  
GSC No: C-558238  
Location: 3-2-16-15W4  
Depth (m): 1040.5 - 1050.5



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Sample ID: L01342

GSC Catalog No: C-558238

Acquisition Date: 1994-07-06

Location: 3-2-16-15W4

UWI: 100030201615W400

Upper Depth (m): 1040.5

Lower Depth (m): 1050.5

Fraction: saturate

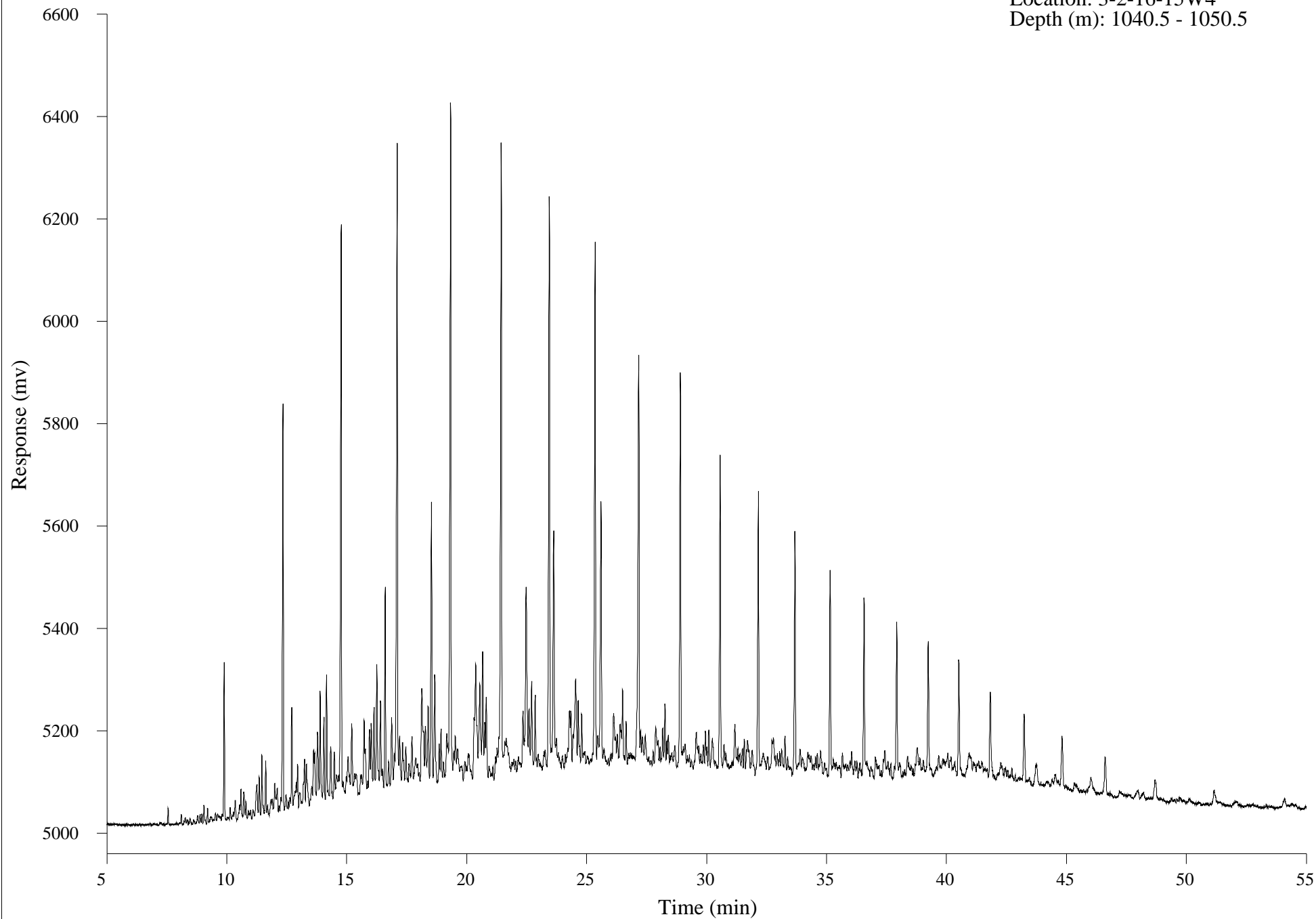
Instrument: Varian 3800 GC

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

Time	Compound Name	Area	Height
7.55	C10	69.61	32.48
9.89	C11	687.07	305.04
12.34	C12	2072.76	796.78
14.77	C13	2991.90	1083.51
17.11	C14	3854.51	1260.73
19.33	C15	4218.80	1311.97
21.44	C16	4052.00	1232.11
23.45	C17	3586.53	1109.26
23.63	Pr	1346.87	433.04
25.36	C18	3122.65	1010.98
25.61	Ph	1708.43	503.63
27.17	C19	2838.88	790.08
28.91	C20	2274.53	753.07
30.57	C21	1870.39	609.74
32.16	C22	1593.76	539.14
33.69	C23	1420.34	470.71
35.16	C24	1204.87	397.35
36.57	C25	1023.10	337.55
37.93	C26	902.19	290.56
39.25	C27	772.88	252.00
40.52	C28	785.33	226.23
41.83	C29	664.27	165.55
43.25	C30	482.15	132.37
44.83	C31	431.74	99.39
46.62	C32	341.28	73.07

# Saturated Hydrocarbons Gas Chromatogram

Lab Id: L01342  
GSC No: C-558238  
Location: 3-2-16-15W4  
Depth (m): 1040.5 - 1050.5



# 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: L01342

GSC Catalog No: C-558238

Acquisition Date: 1994-07-06

Location: 3-2-16-15W4

UWI: 100030201615W400

Upper Depth (m): 1040.5

Lower Depth (m): 1050.5

Fraction: saturate

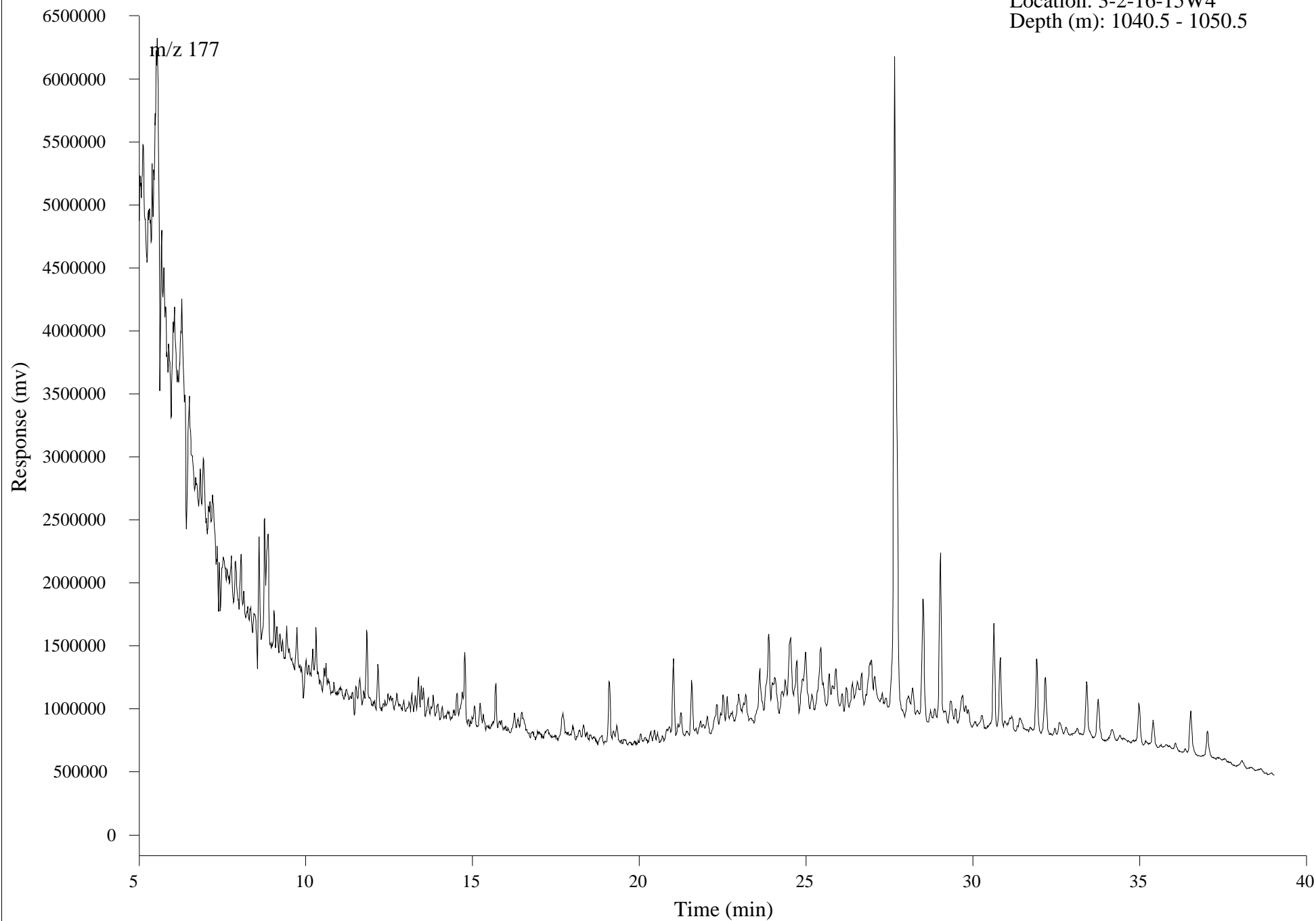
Instrument: HP 5890 GC/VG70SQ MS

MS Mode: Selected Ion Monitoring + EI

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

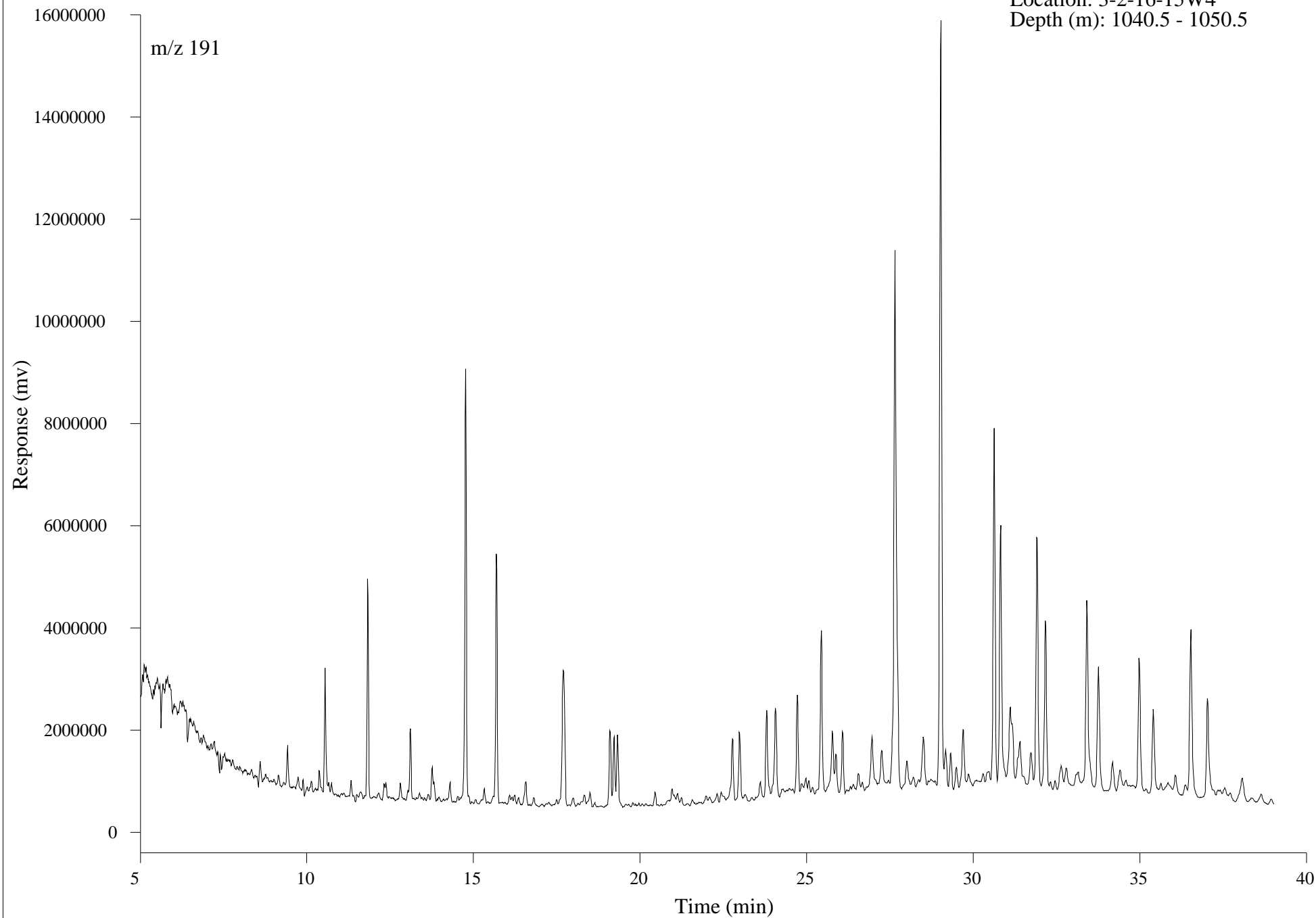
# Saturated Hydrocarbons Mass Chromatogram

Lab Id: L01342  
GSC No: C-558238  
Location: 3-2-16-15W4  
Depth (m): 1040.5 - 1050.5



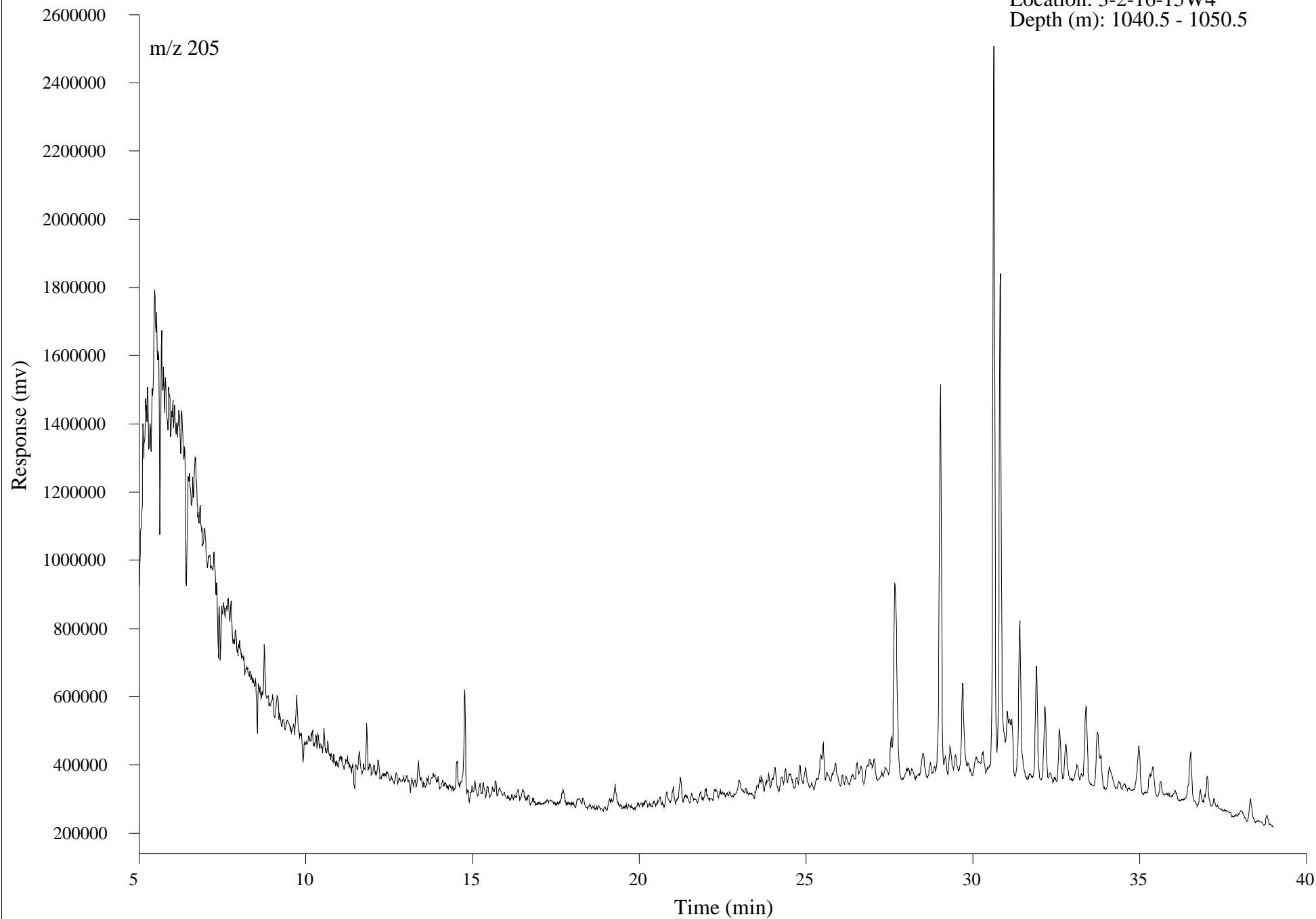
# Saturated Hydrocarbons Mass Chromatogram

Lab Id: L01342  
GSC No: C-558238  
Location: 3-2-16-15W4  
Depth (m): 1040.5 - 1050.5



# Saturated Hydrocarbons Mass Chromatogram

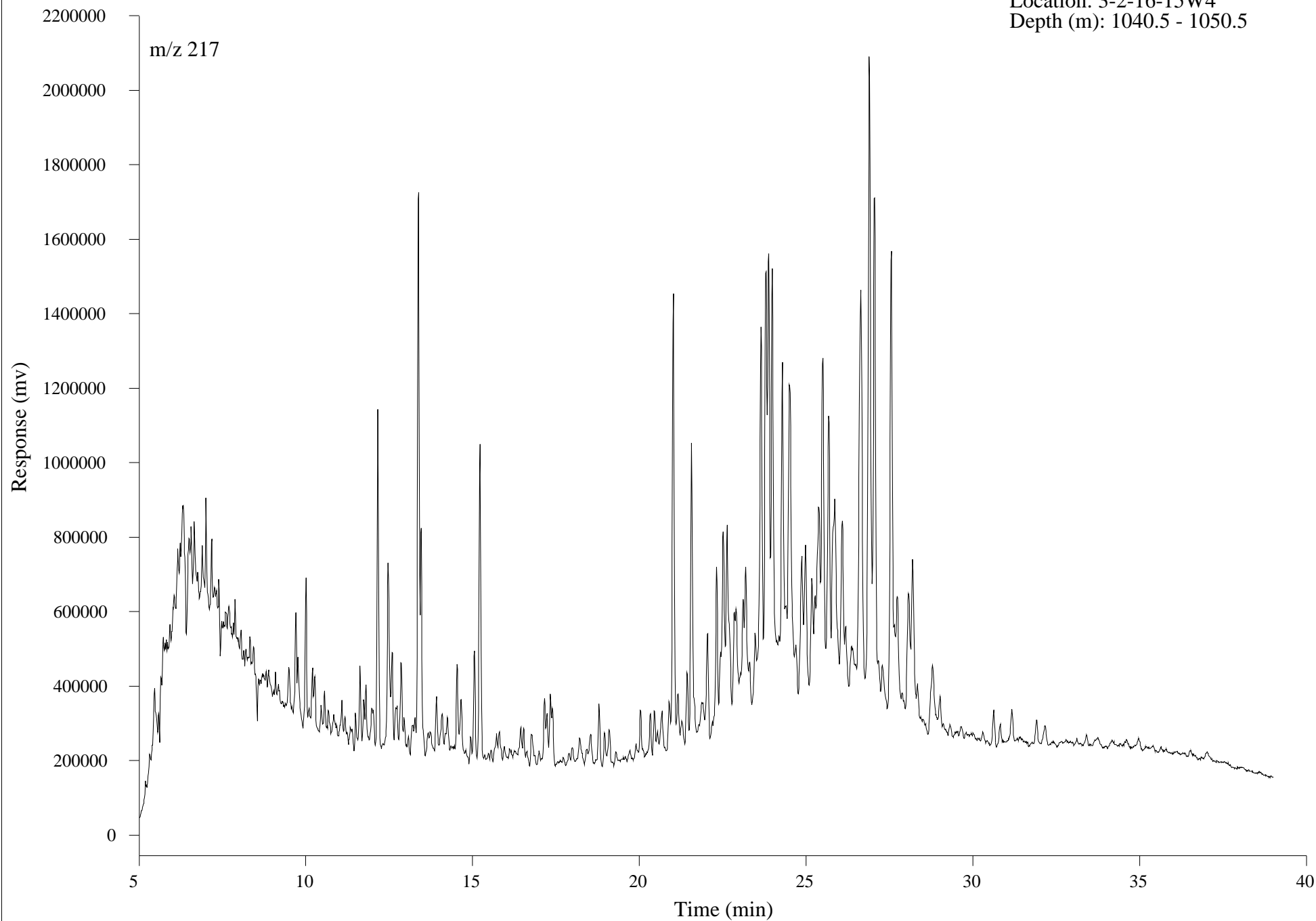
Lab Id: L01342  
GSC No: C-558238  
Location: 3-2-16-15W4  
Depth (m): 1040.5 - 1050.5





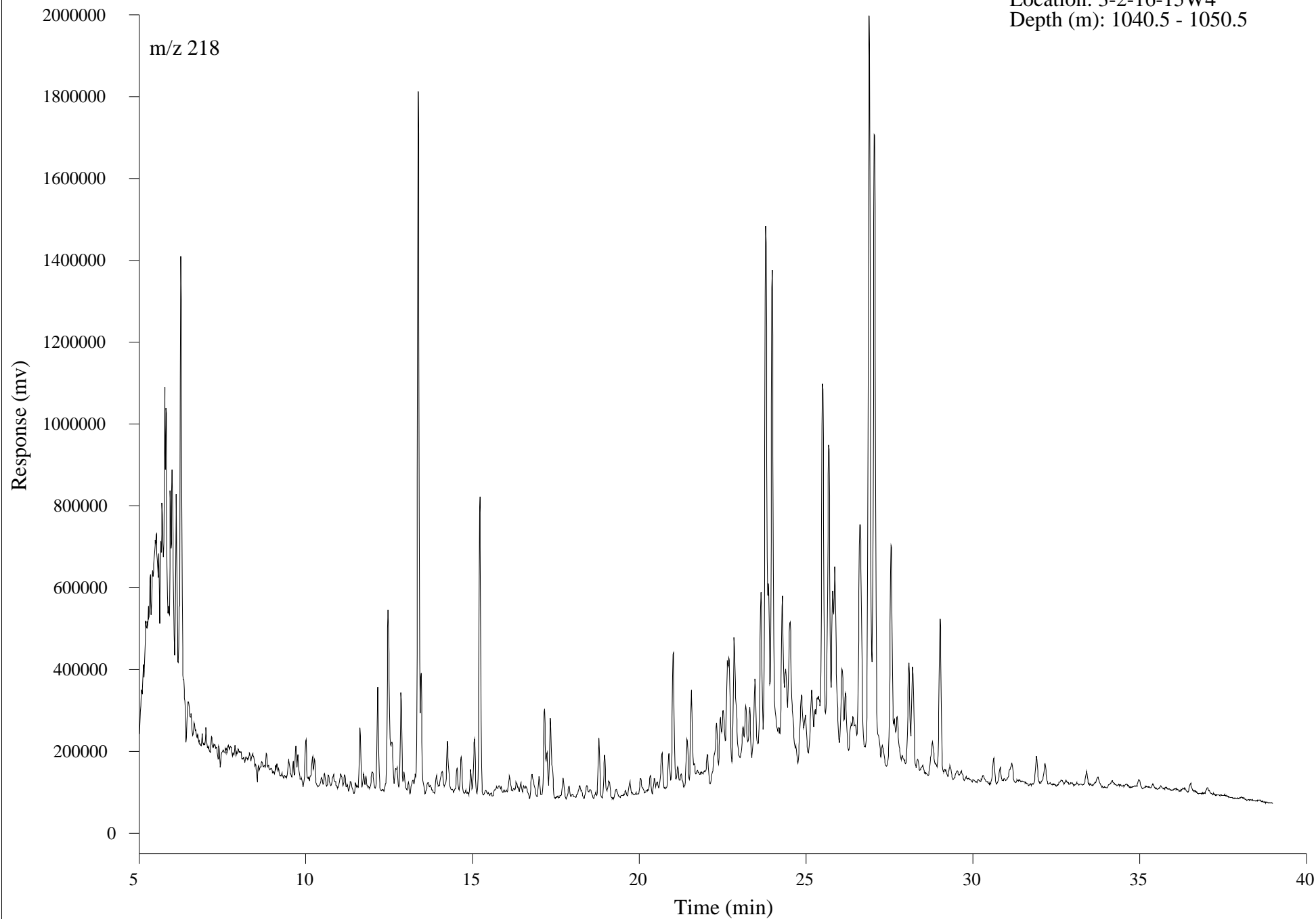
# Saturated Hydrocarbons Mass Chromatogram

Lab Id: L01342  
GSC No: C-558238  
Location: 3-2-16-15W4  
Depth (m): 1040.5 - 1050.5



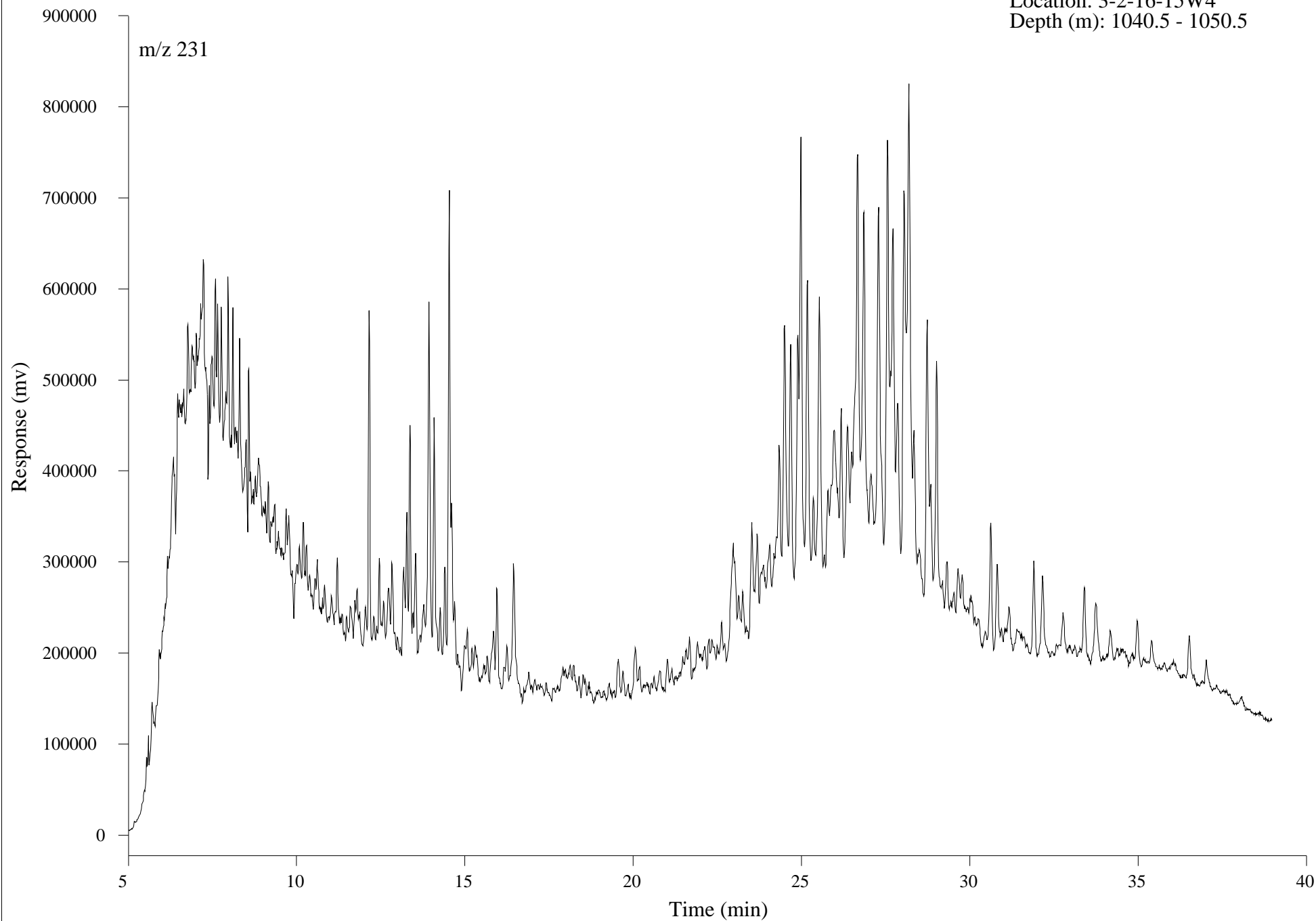
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