

# 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: L02503

GSC Catalog No: C-558693

Acquisition Date: 1997-12-10

Location: 8-30-8-16W4

UWI: 100083000816W400

Upper Depth (m): 1028.0

Lower Depth (m): 1030.0

Fraction: gasoline

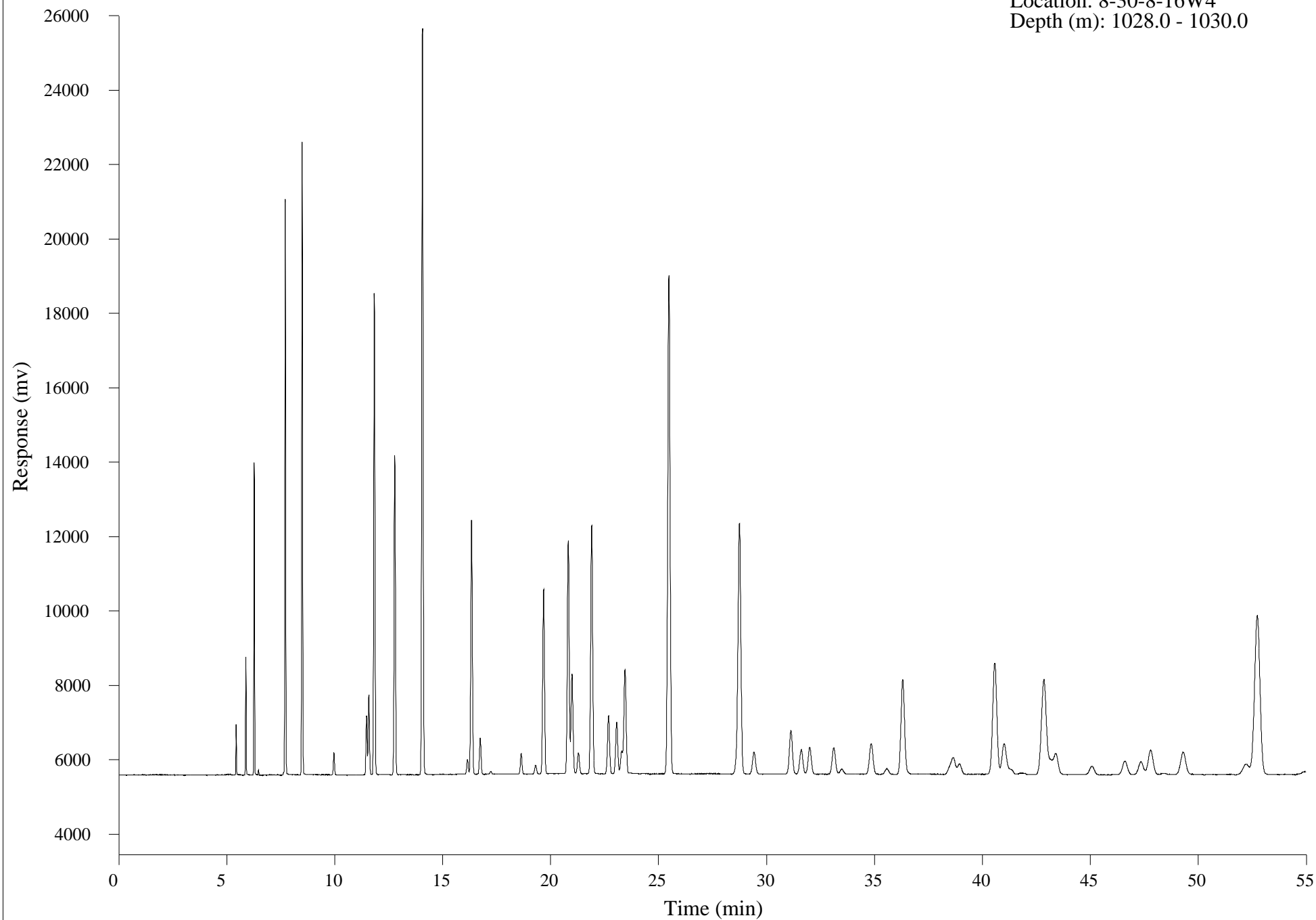
Instrument: HP 5890 GC

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

Time	Compound Name	Area	Height
7.71	iC5	41443.00	15564.76
8.49	nC5	47307.00	16986.61
9.96	22DMC4	2227.00	599.58
11.48	CYC5	6076.00	1597.99
11.58	23DMC4	8854.00	2162.88
11.84	2MC5	51023.00	12961.55
12.78	3MC5	36773.00	8606.41
14.06	nC6	86998.00	20081.96
16.15	22DMC5	1993.00	384.23
16.34	MCYC5	34507.00	6841.42
16.74	24DMC5	5125.00	974.49
17.23	223TMC4	378.00	69.42
18.64	BEN	2934.00	552.01
19.31	33DMC5	1403.00	234.20
19.68	CYC6	28887.00	4960.00
20.82	2MC6	38128.00	6274.32
20.99	23DMC5	16931.00	2687.01
21.29	11DMCYC5	3694.00	555.70
21.90	3MC6	43343.00	6669.73
22.68	1c3DMCYC5	10534.00	1554.35
23.06	1t3DMCYC5	9578.00	1379.92
23.45	1t2DMCYC5	20643.00	2795.36
25.48	nC7	100962.00	13398.90
28.75	MCYC6	63792.00	6733.50
29.42	22DMC6	5774.00	591.97
31.13	ECYC5	11404.00	1165.44
31.61	25DMC6	6637.00	650.99
32.00	24DMC6	7449.00	714.04
33.12	223TMC5	7639.00	703.32
35.57	234TMC5	1721.00	147.49
36.31	TOL	29683.00	2548.89
40.57	2MC7	39063.00	2942.12
43.39	3MC7	8683.00	564.08
52.20	1c4DMCYC6	5473.00	285.66
52.73	nC8	76782.00	4298.00

# Gasoline Gas Chromatogram

Lab Id: L02503  
GSC No: C-558693  
Location: 8-30-8-16W4  
Depth (m): 1028.0 - 1030.0



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Sample ID: L02503

GSC Catalog No: C-558693

Acquisition Date: 1998-05-12

Location: 8-30-8-16W4

UWI: 100083000816W400

Upper Depth (m): 1028.0

Lower Depth (m): 1030.0

Fraction: saturate

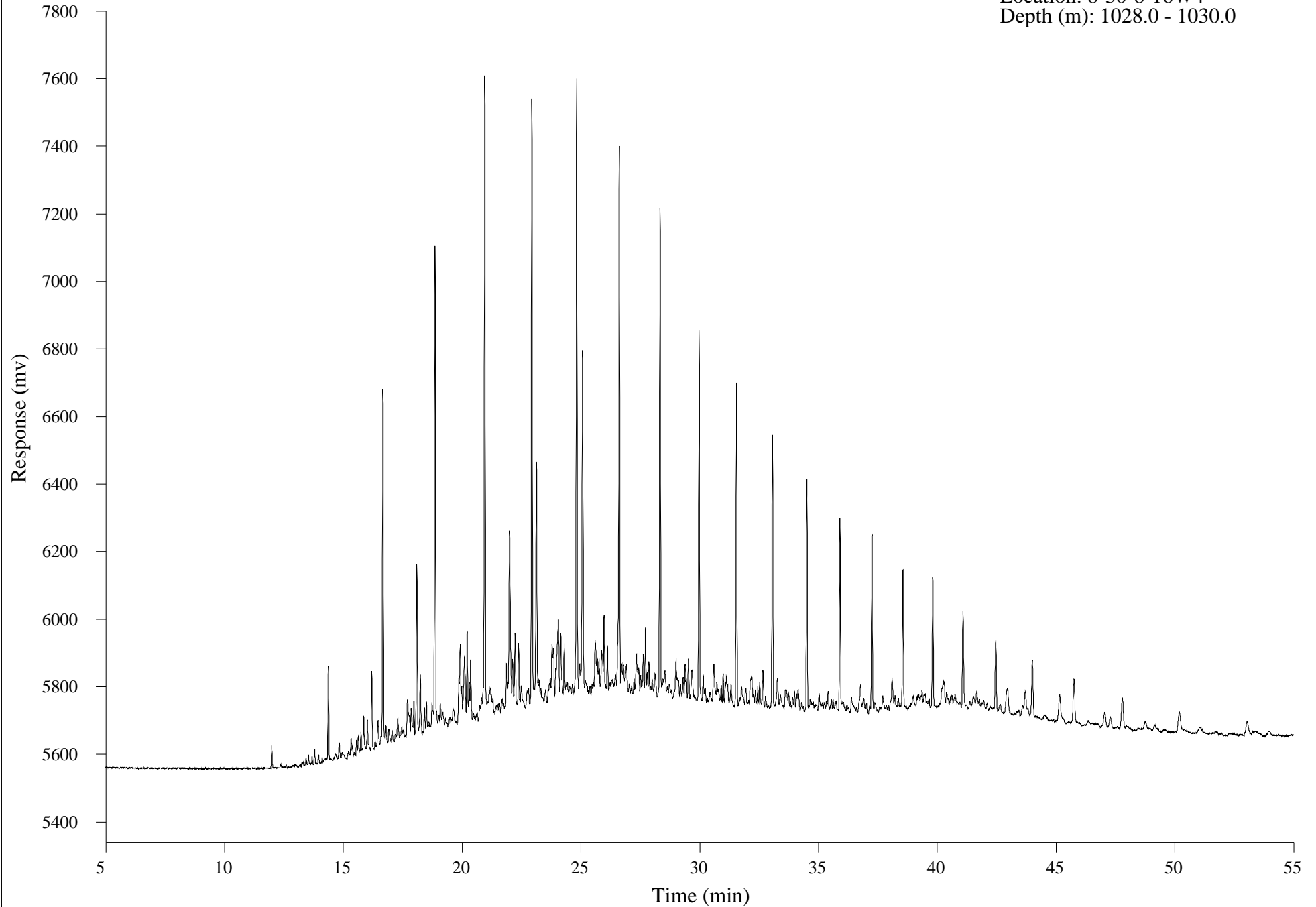
Instrument: Varian 3800 GC

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

Time	Compound Name	Area	Height
11.99	C12	163.37	68.14
14.37	C13	656.17	276.98
16.67	C14	2827.63	1059.38
18.86	C15	3851.89	1419.34
20.95	C16	5077.05	1864.46
22.94	C17	4965.93	1792.09
23.13	Pr	2244.07	691.78
24.82	C18	5046.11	1826.53
25.07	Ph	3298.85	1004.08
26.61	C19	4669.42	1603.20
28.33	C20	3987.10	1440.26
29.98	C21	3038.25	1099.94
31.55	C22	2630.06	967.11
33.06	C23	2244.66	809.94
34.51	C24	1851.79	683.22
35.90	C25	1513.65	559.14
37.25	C26	1443.40	520.63
38.55	C27	1247.26	410.99
39.81	C28	1139.81	384.65
41.08	C29	984.10	284.17
42.46	C30	725.77	207.19
44.00	C31	695.17	166.54
45.76	C32	629.16	130.11

# Saturated Hydrocarbons Gas Chromatogram

Lab Id: L02503  
GSC No: C-558693  
Location: 8-30-8-16W4  
Depth (m): 1028.0 - 1030.0



# 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: L02503

GSC Catalog No: C-558693

Acquisition Date: 1998-06-08

Location: 8-30-8-16W4

UWI: 100083000816W400

Upper Depth (m): 1028.0

Lower Depth (m): 1030.0

Fraction: saturate

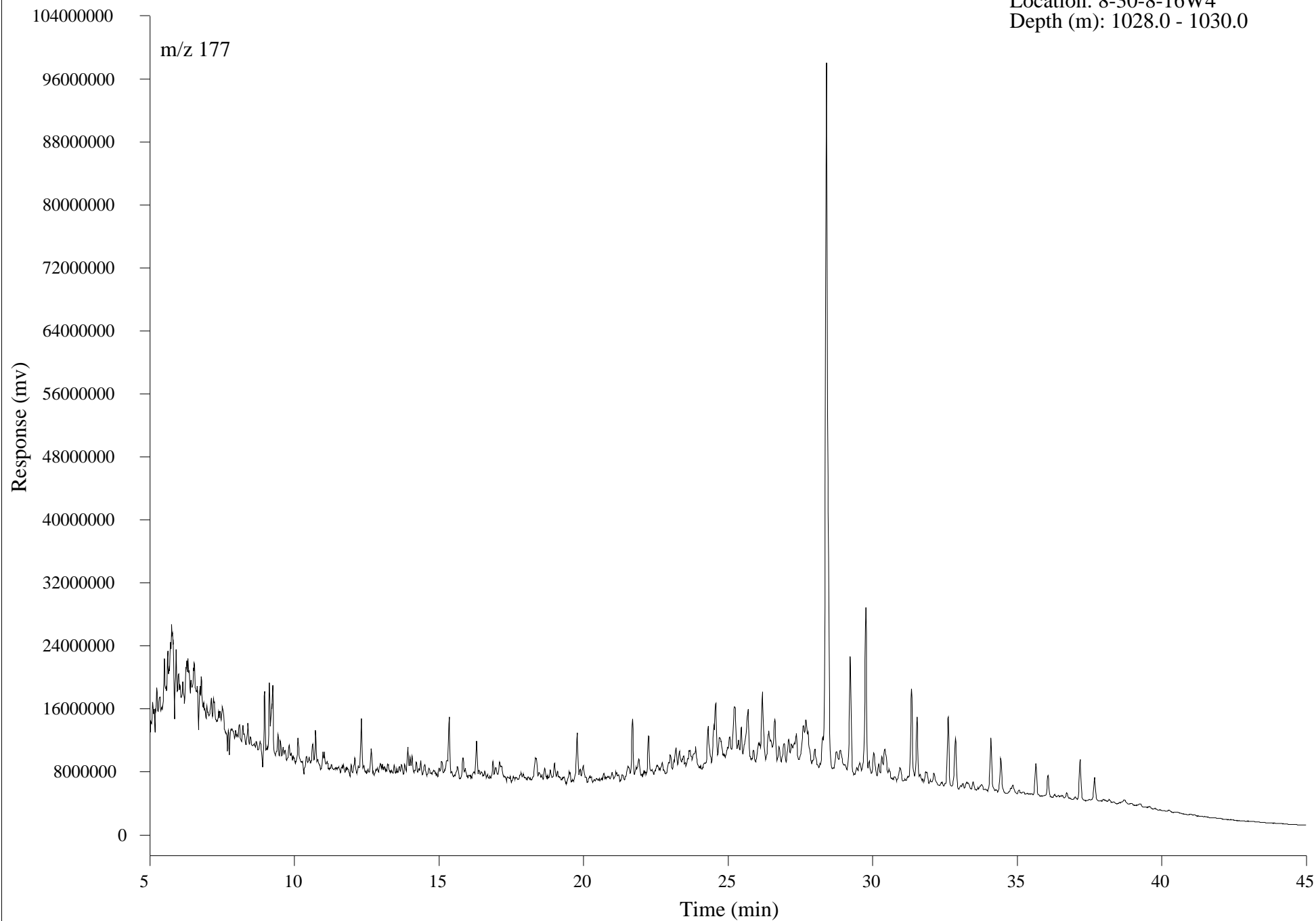
Instrument: HP 5890 GC/VG70SQ MS

MS Mode: Selected Ion Monitoring + EI

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

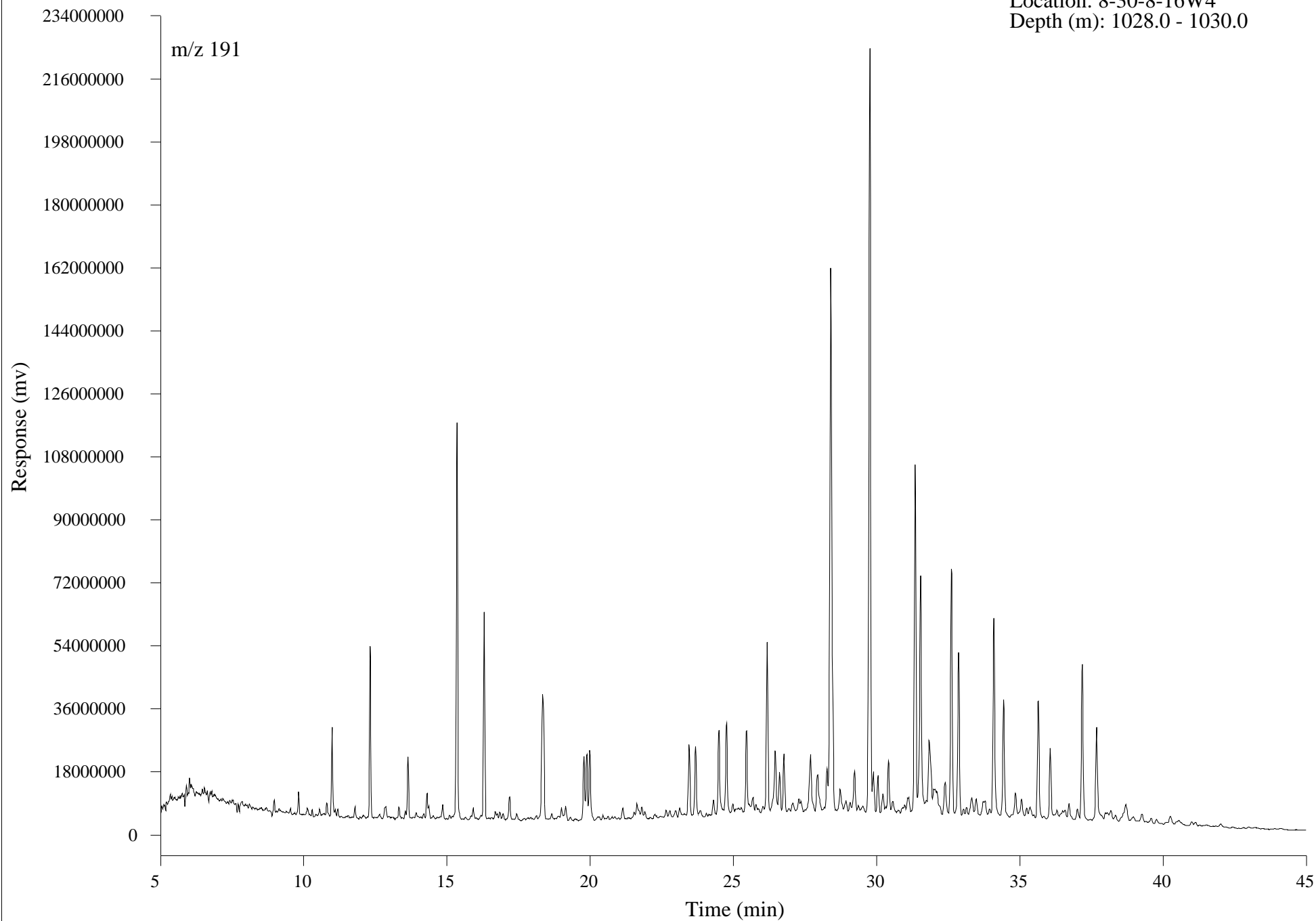
# Saturated Hydrocarbons Mass Chromatogram

Lab Id: L02503  
GSC No: C-558693  
Location: 8-30-8-16W4  
Depth (m): 1028.0 - 1030.0



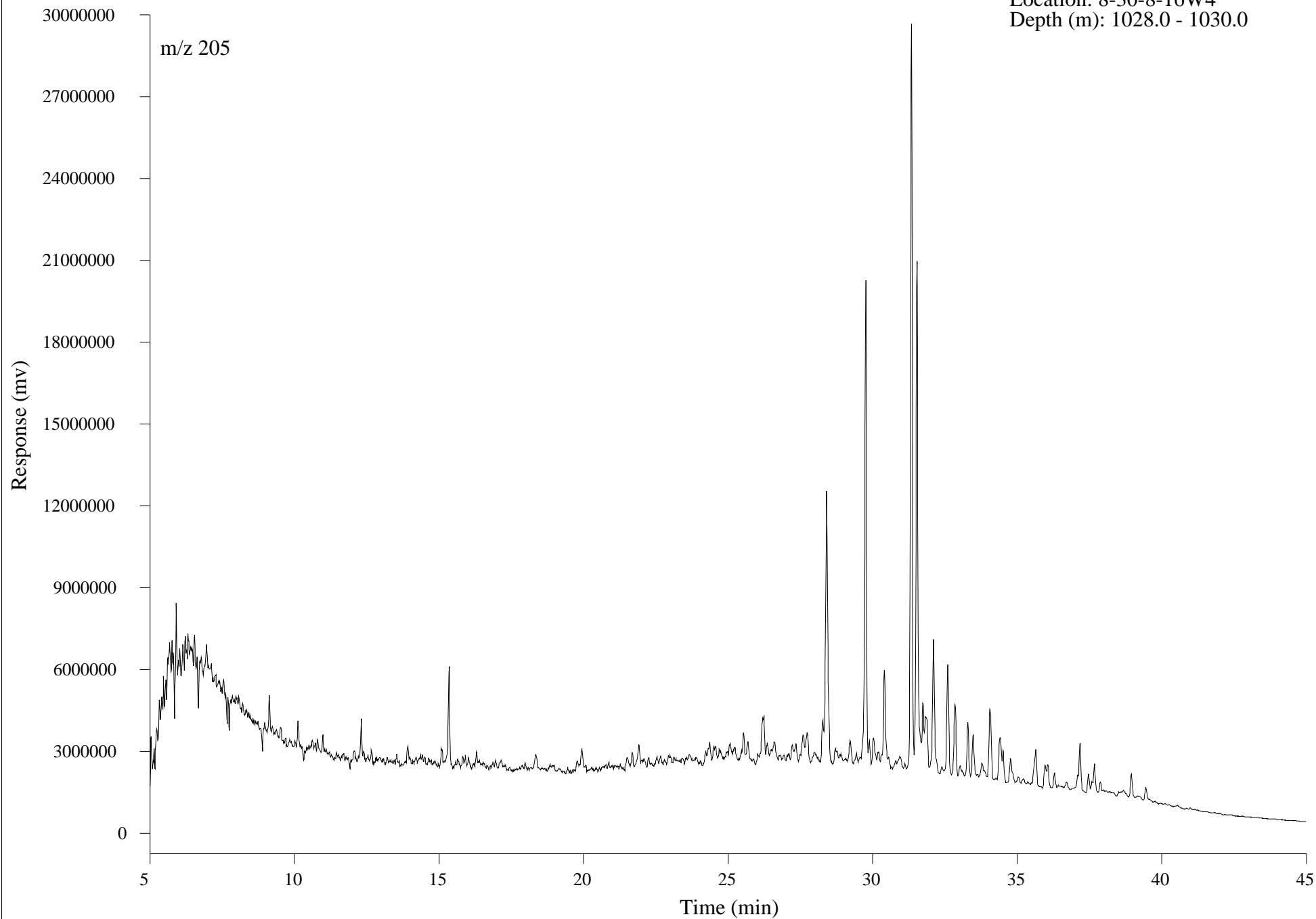
# Saturated Hydrocarbons Mass Chromatogram

Lab Id: L02503  
GSC No: C-558693  
Location: 8-30-8-16W4  
Depth (m): 1028.0 - 1030.0



# Saturated Hydrocarbons Mass Chromatogram

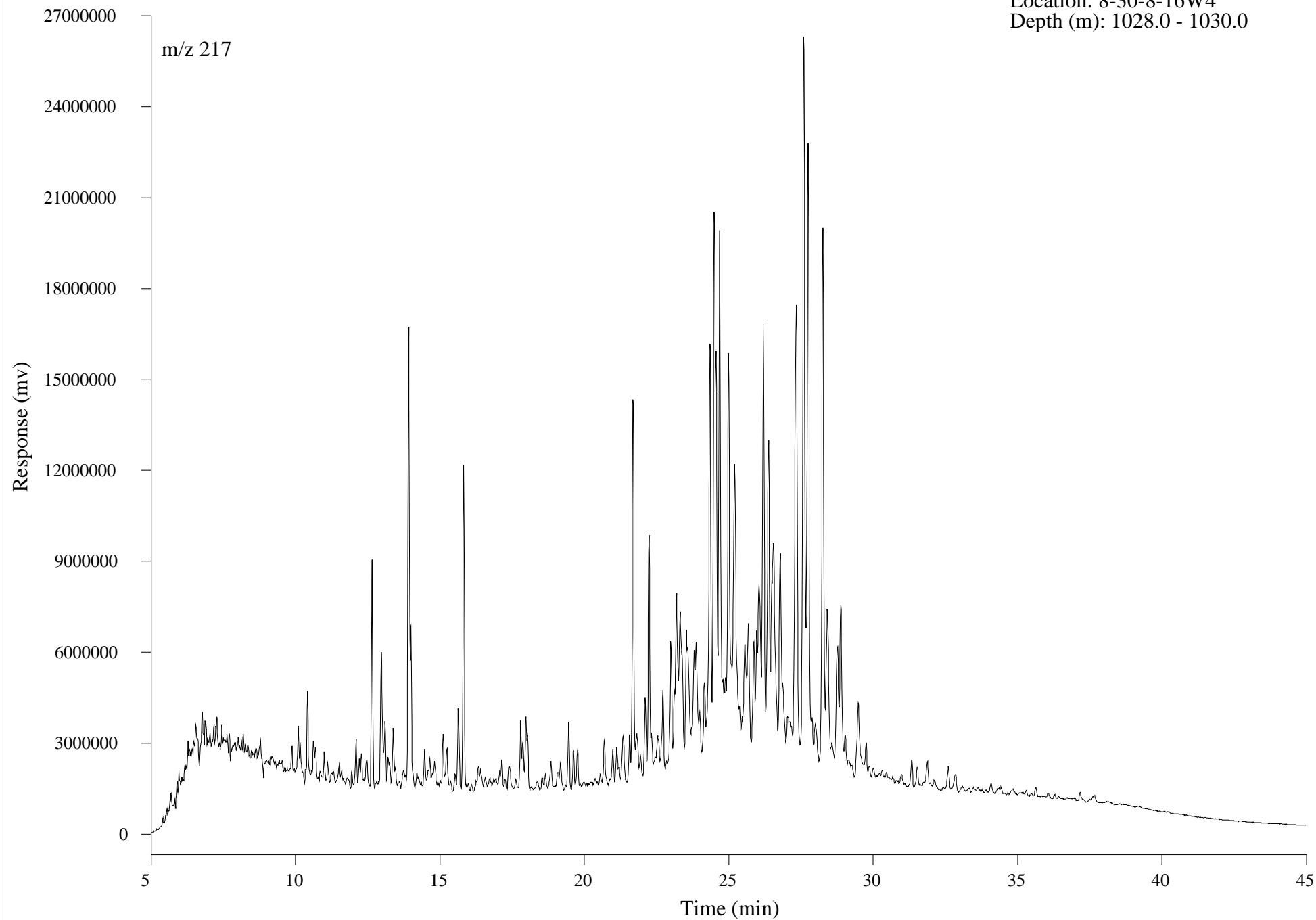
Lab Id: L02503  
GSC No: C-558693  
Location: 8-30-8-16W4  
Depth (m): 1028.0 - 1030.0





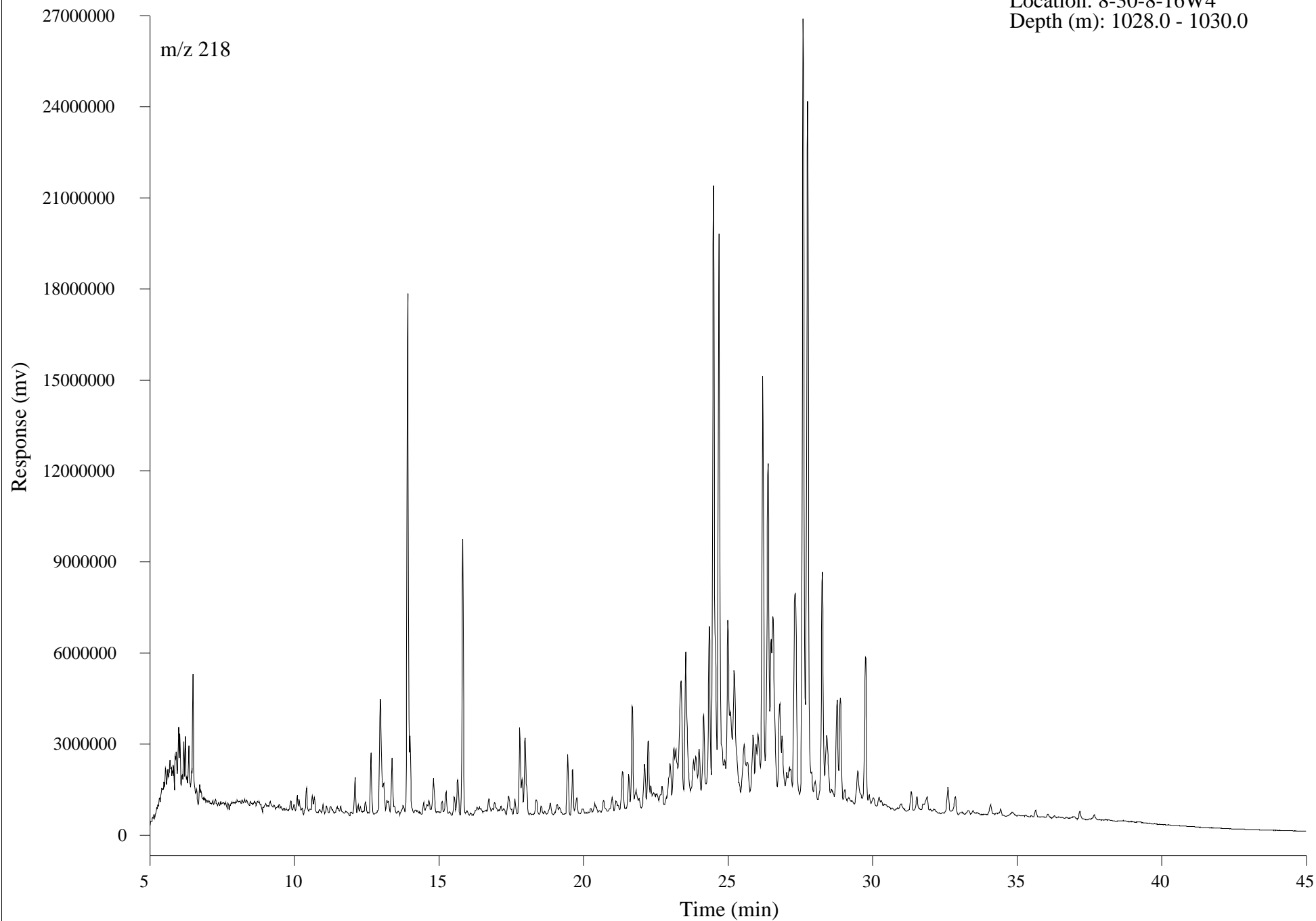
# Saturated Hydrocarbons Mass Chromatogram

Lab Id: L02503  
GSC No: C-558693  
Location: 8-30-8-16W4  
Depth (m): 1028.0 - 1030.0



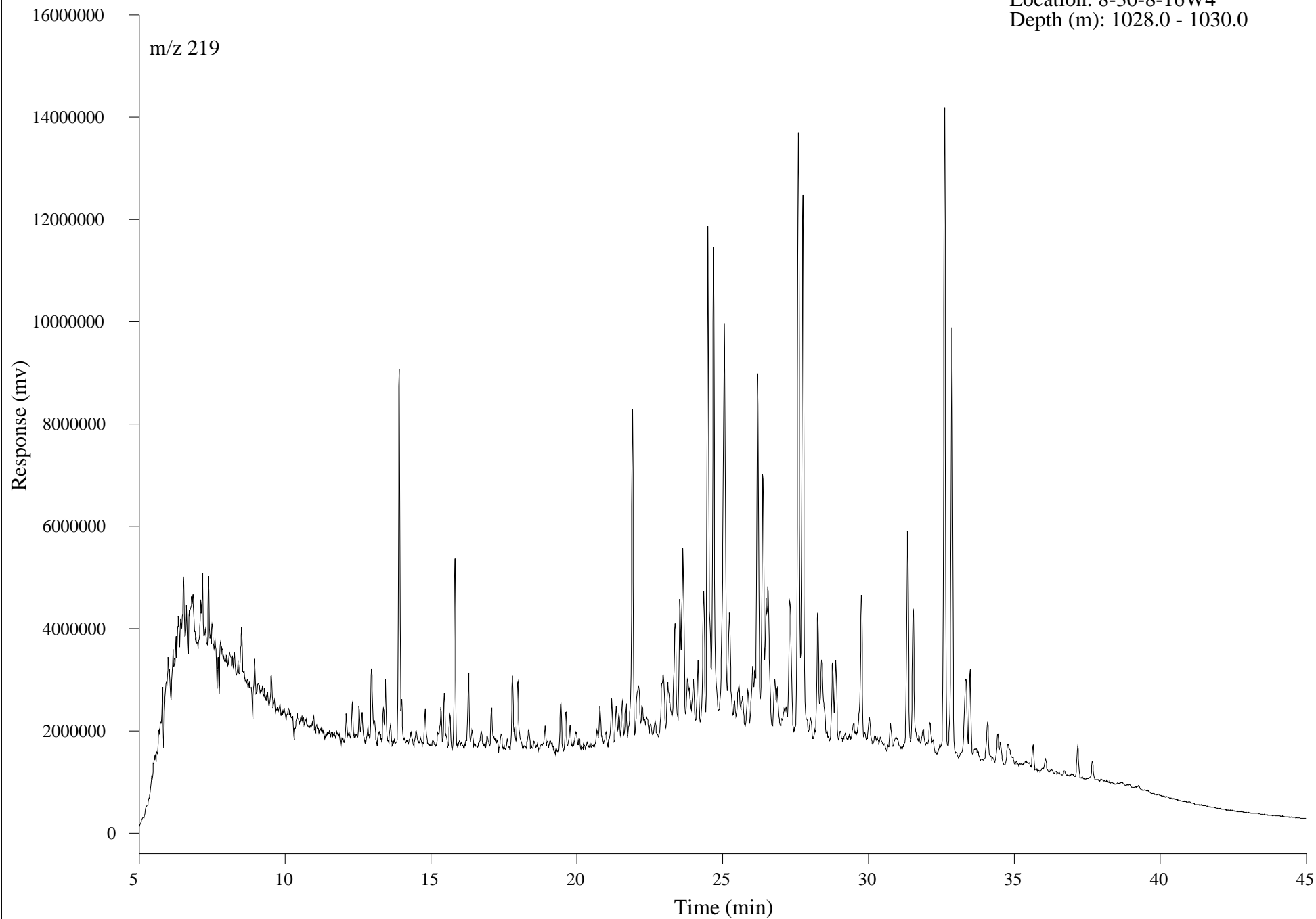
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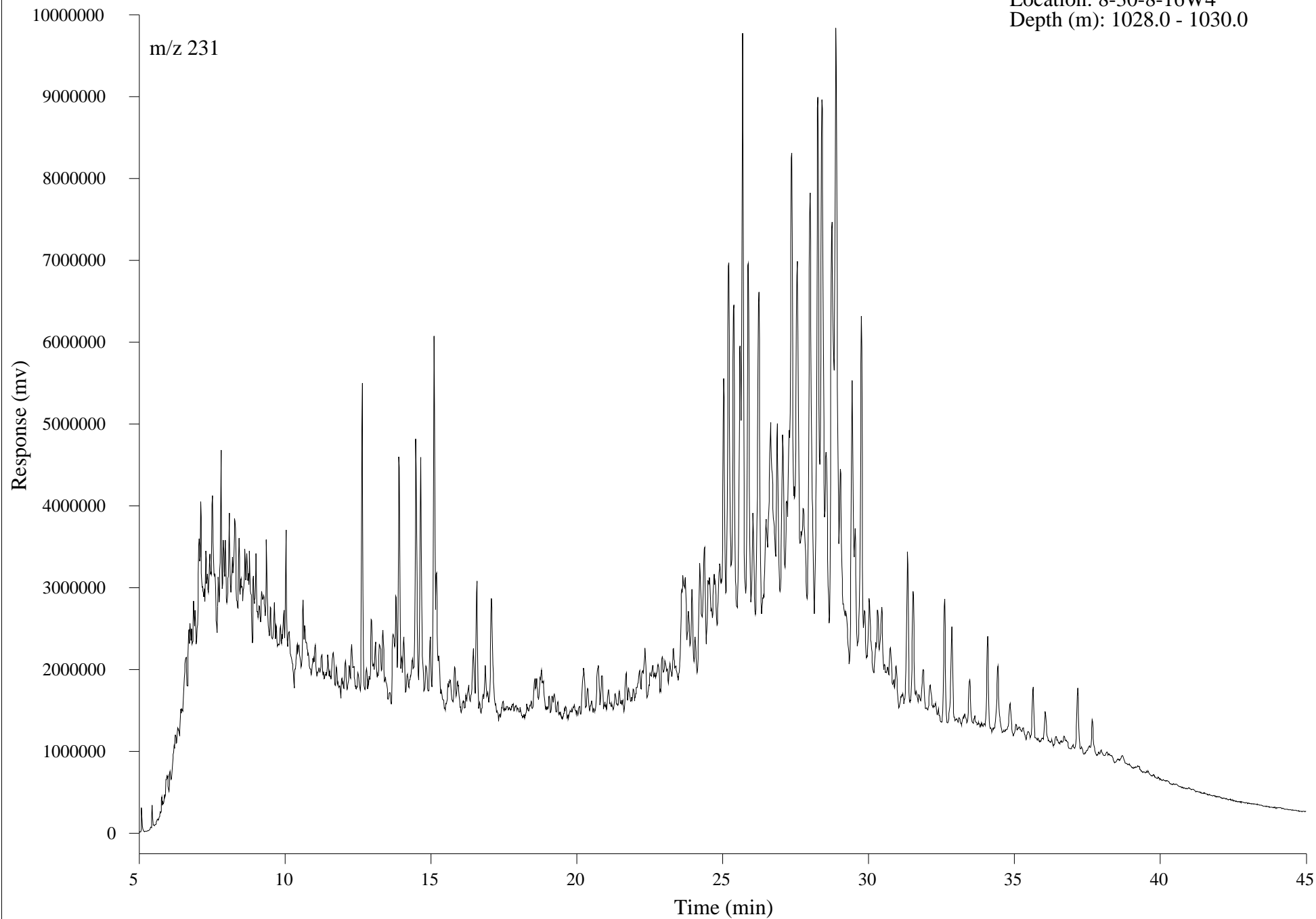
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Location: 8-30-8-16W4  
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Lab Id: L02503  
GSC No: C-558693  
Location: 8-30-8-16W4  
Depth (m): 1028.0 - 1030.0

