

# 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: L01978

GSC Catalog No: C-558470

Acquisition Date: 1995-06-19

Location: 16-19-18-13W4

UWI: 100161901813W400

Upper Depth (m): 1022.0

Lower Depth (m): 1025.3

Fraction: gasoline

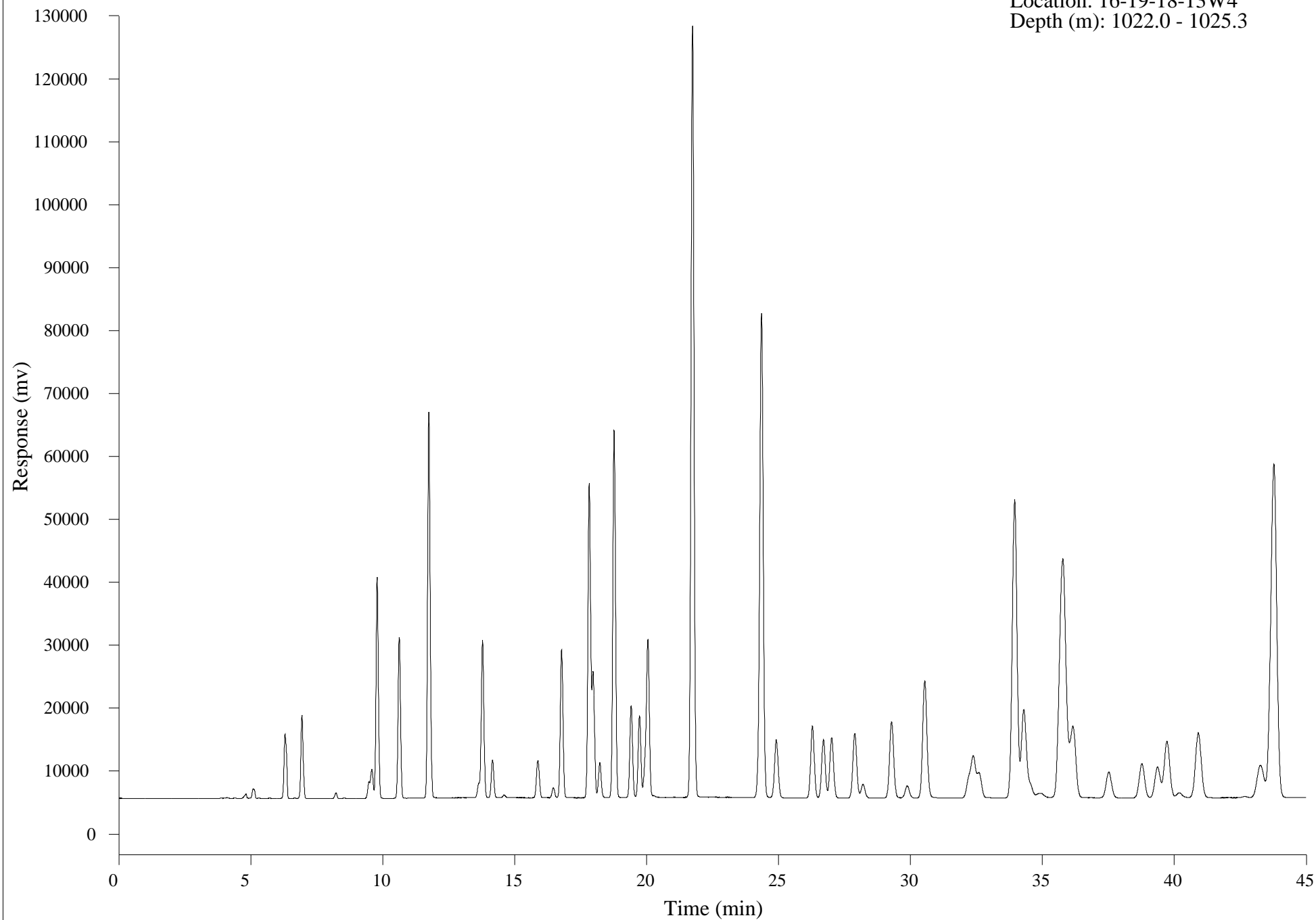
Instrument: HP 5890 GC

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

Time	Compound Name	Area	Height
6.30	iC5	69248.00	10214.35
6.94	nC5	77808.00	13241.48
8.23	22DMC4	5222.00	864.63
9.48	CYC5	13074.00	2639.24
9.59	23DMC4	32532.00	4653.97
9.79	2MC5	219080.00	35114.84
10.63	3MC5	164147.00	25596.97
11.75	nC6	409482.00	61351.29
13.66	22DMC5	11484.00	2468.96
13.79	MCYC5	176095.00	25162.00
14.16	24DMC5	39572.00	5945.69
14.61	223TMC4	3100.00	431.04
15.88	BEN	45299.00	5882.88
16.47	33DMC5	11163.00	1593.27
16.78	CYC6	166307.00	23502.74
17.83	2MC6	363557.00	50030.38
17.97	23DMC5	128877.00	20087.84
18.23	11DMCYC5	40602.00	5564.04
18.77	3MC6	419673.00	58360.89
19.42	1c3DMCYC5	106065.00	14584.33
19.73	1t3DMCYC5	94648.00	12917.33
20.05	1t2DMCYC5	221258.00	25104.76
21.74	nC7	959869.00	122641.00
24.36	MCYC6	704741.00	76949.22
24.92	22DMC6	88004.00	9200.24
26.29	ECYC5	108718.00	11426.43
26.71	25DMC6	90168.00	9263.38
27.02	24DMC6	96012.00	9609.68
27.89	223TMC5	105776.00	10243.95
29.88	234TMC5	22205.00	1937.42
30.54	TOL	212689.00	18569.04
33.95	2MC7	594311.00	47311.87
36.16	3MC7	163132.00	11363.92
43.26	1c4DMCYC6	65802.00	4183.43
43.78	nC8	832537.00	52432.58

# Gasoline Gas Chromatogram

Lab Id: L01978  
GSC No: C-558470  
Location: 16-19-18-13W4  
Depth (m): 1022.0 - 1025.3



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Sample ID: L01978

GSC Catalog No: C-558470

Acquisition Date: 1996-06-04

Location: 16-19-18-13W4

UWI: 100161901813W400

Upper Depth (m): 1022.0

Lower Depth (m): 1025.3

Fraction: saturate

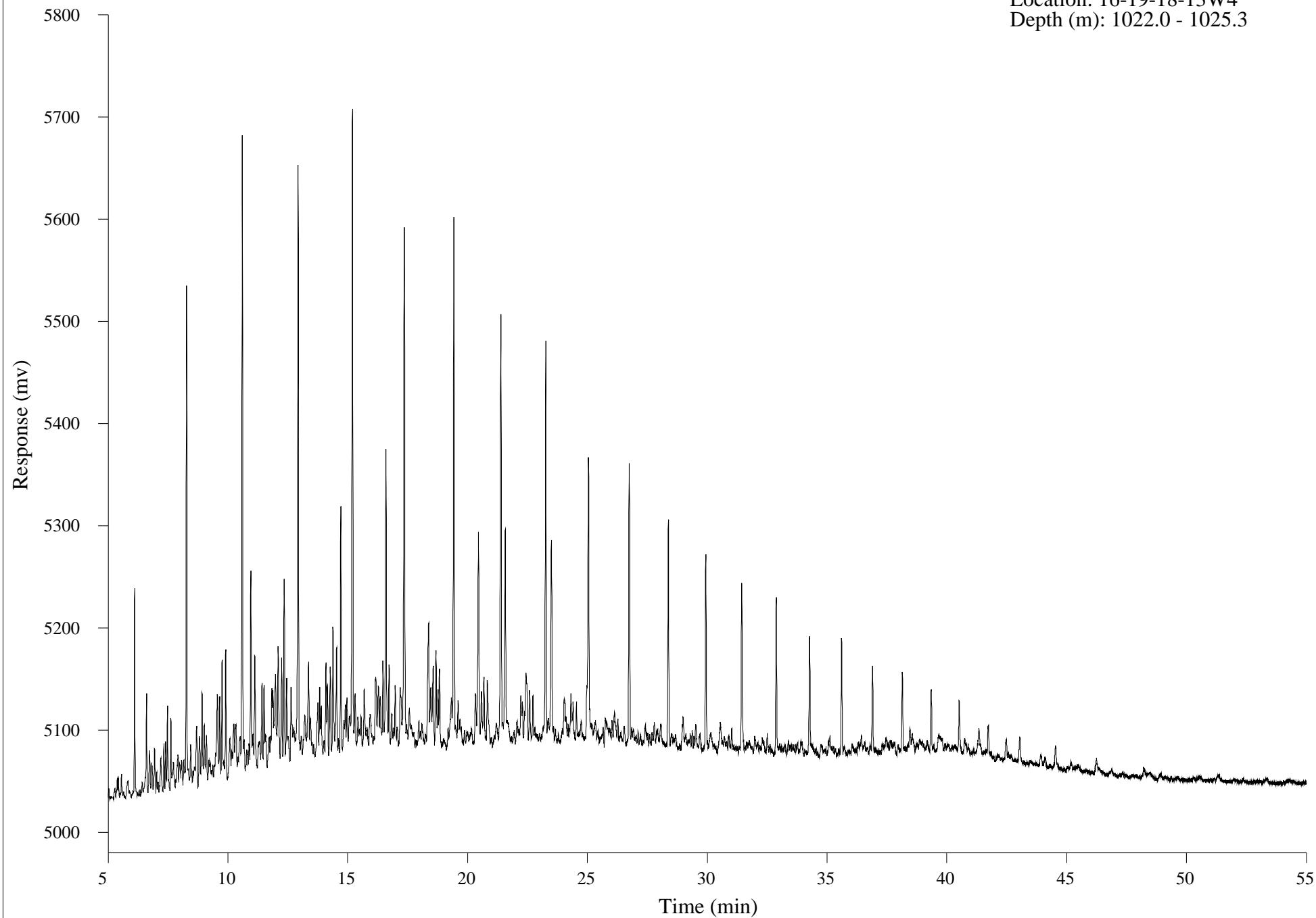
Instrument: Varian 3800 GC

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

Time	Compound Name	Area	Height
6.11	C10	384.19	199.53
8.28	C11	992.58	472.30
10.60	C12	1391.13	603.17
12.93	C13	1485.15	567.39
15.20	C14	1722.45	627.18
17.36	C15	1493.74	499.31
19.43	C16	1366.35	506.12
21.39	C17	1144.01	407.21
21.58	Pr	589.41	192.54
23.27	C18	973.75	383.37
23.50	Ph	638.16	187.33
25.05	C19	962.20	272.28
26.75	C20	762.68	272.26
28.38	C21	605.46	221.20
29.95	C22	498.95	187.76
31.45	C23	495.05	165.28
32.89	C24	408.64	152.69
34.27	C25	338.58	113.24
35.61	C26	307.23	113.55
36.90	C27	230.42	82.77
38.15	C28	209.42	77.08
39.35	C29	183.02	61.41
40.52	C30	144.61	48.43

# Saturated Hydrocarbons Gas Chromatogram

Lab Id: L01978  
GSC No: C-558470  
Location: 16-19-18-13W4  
Depth (m): 1022.0 - 1025.3



# 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: L01978

GSC Catalog No: C-558470

Acquisition Date: 1996-07-24

Location: 16-19-18-13W4

UWI: 100161901813W400

Upper Depth (m): 1022.0

Lower Depth (m): 1025.3

Fraction: saturate

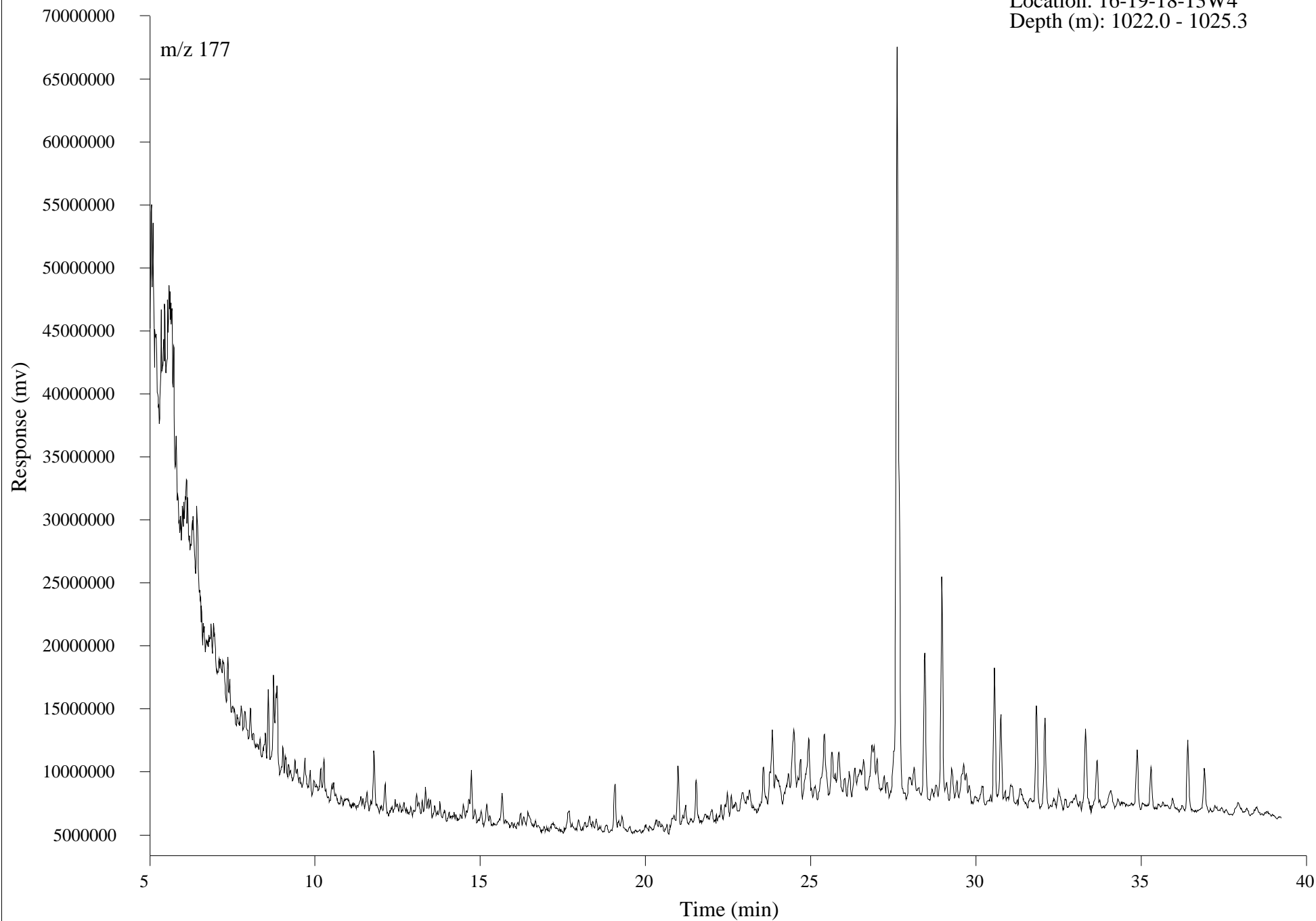
Instrument: HP 5890 GC/VG70SQ MS

MS Mode: Selected Ion Monitoring + EI

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

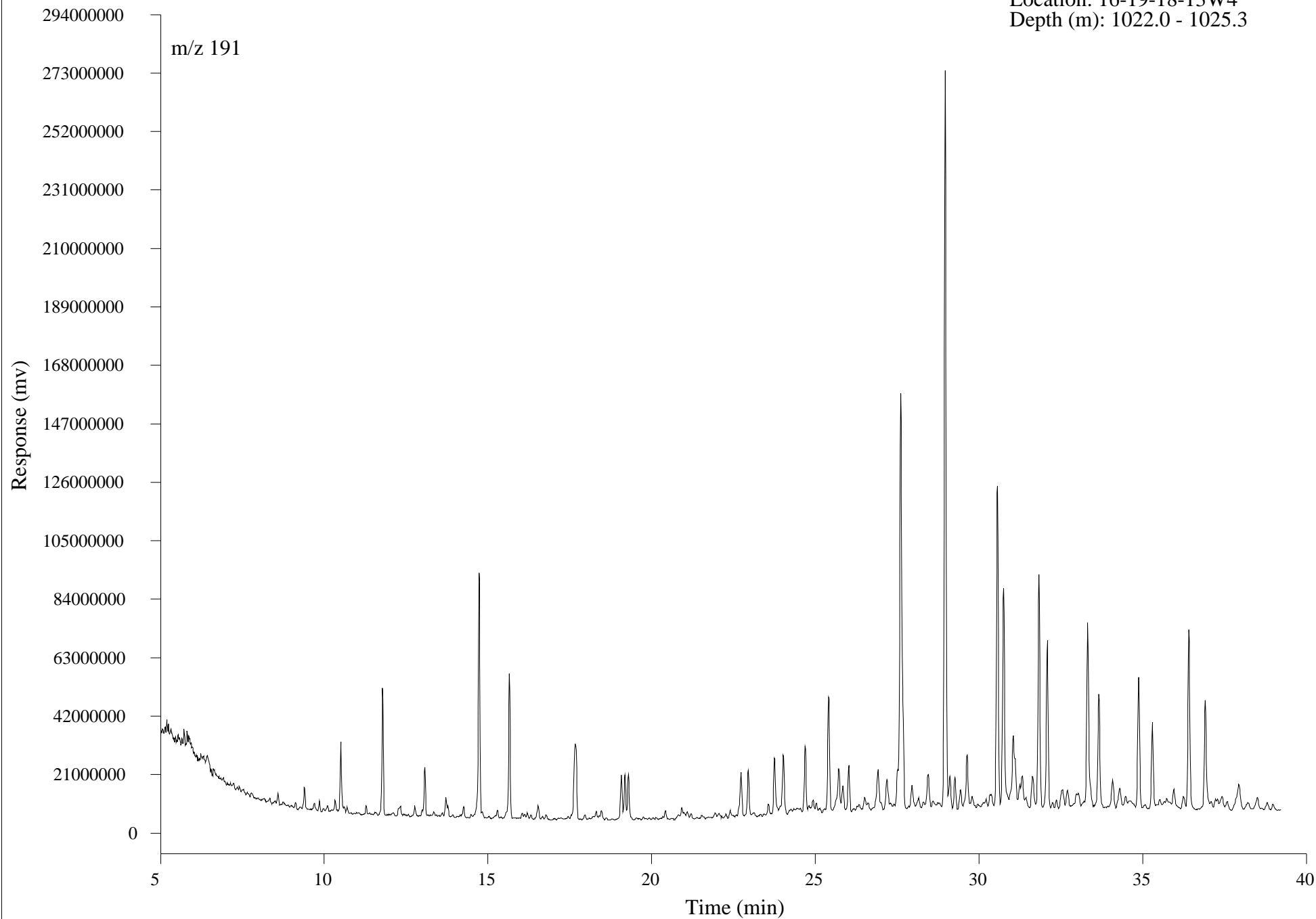
# Saturated Hydrocarbons Mass Chromatogram

Lab Id: L01978  
GSC No: C-558470  
Location: 16-19-18-13W4  
Depth (m): 1022.0 - 1025.3



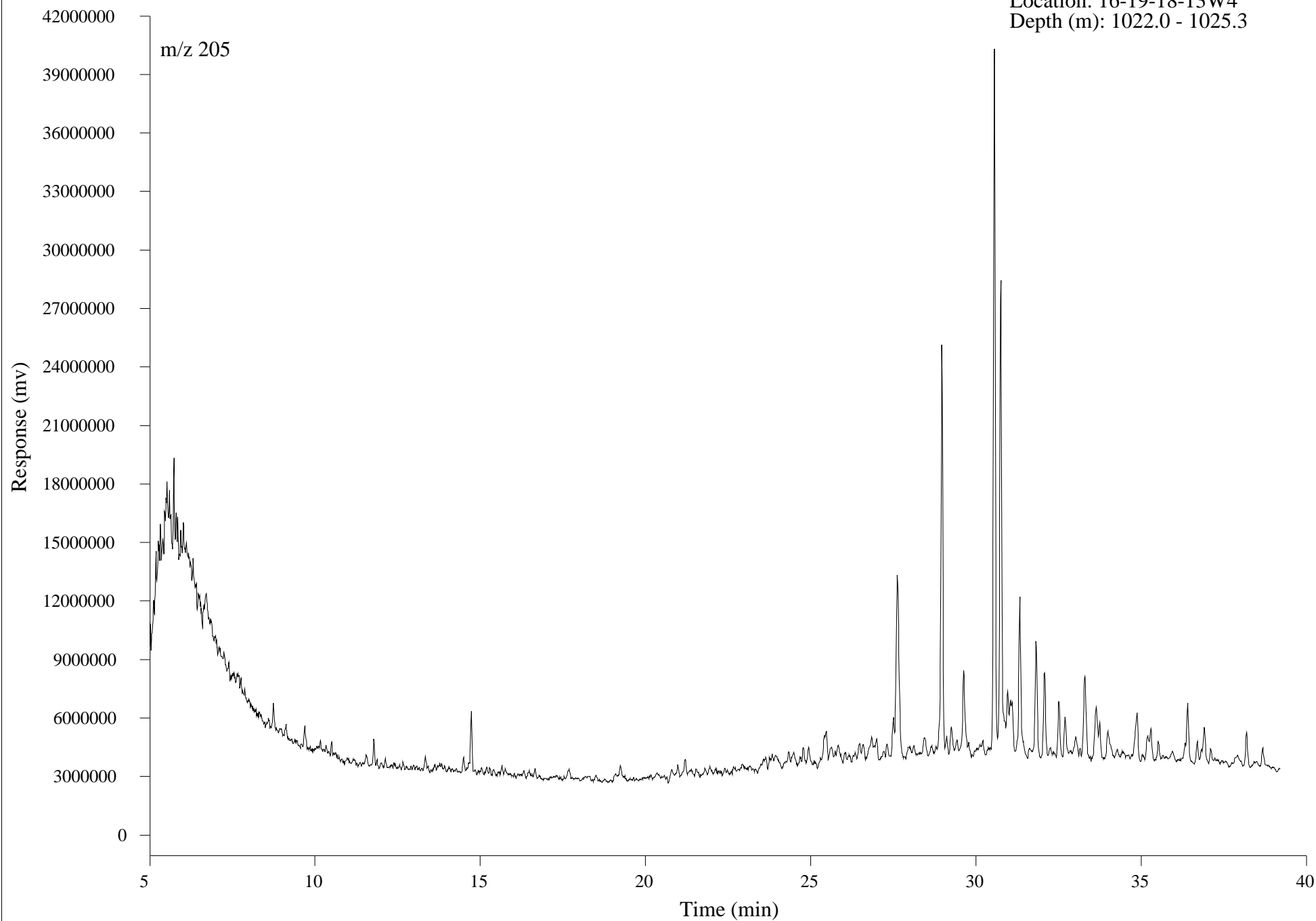
# Saturated Hydrocarbons Mass Chromatogram

Lab Id: L01978  
GSC No: C-558470  
Location: 16-19-18-13W4  
Depth (m): 1022.0 - 1025.3



# Saturated Hydrocarbons Mass Chromatogram

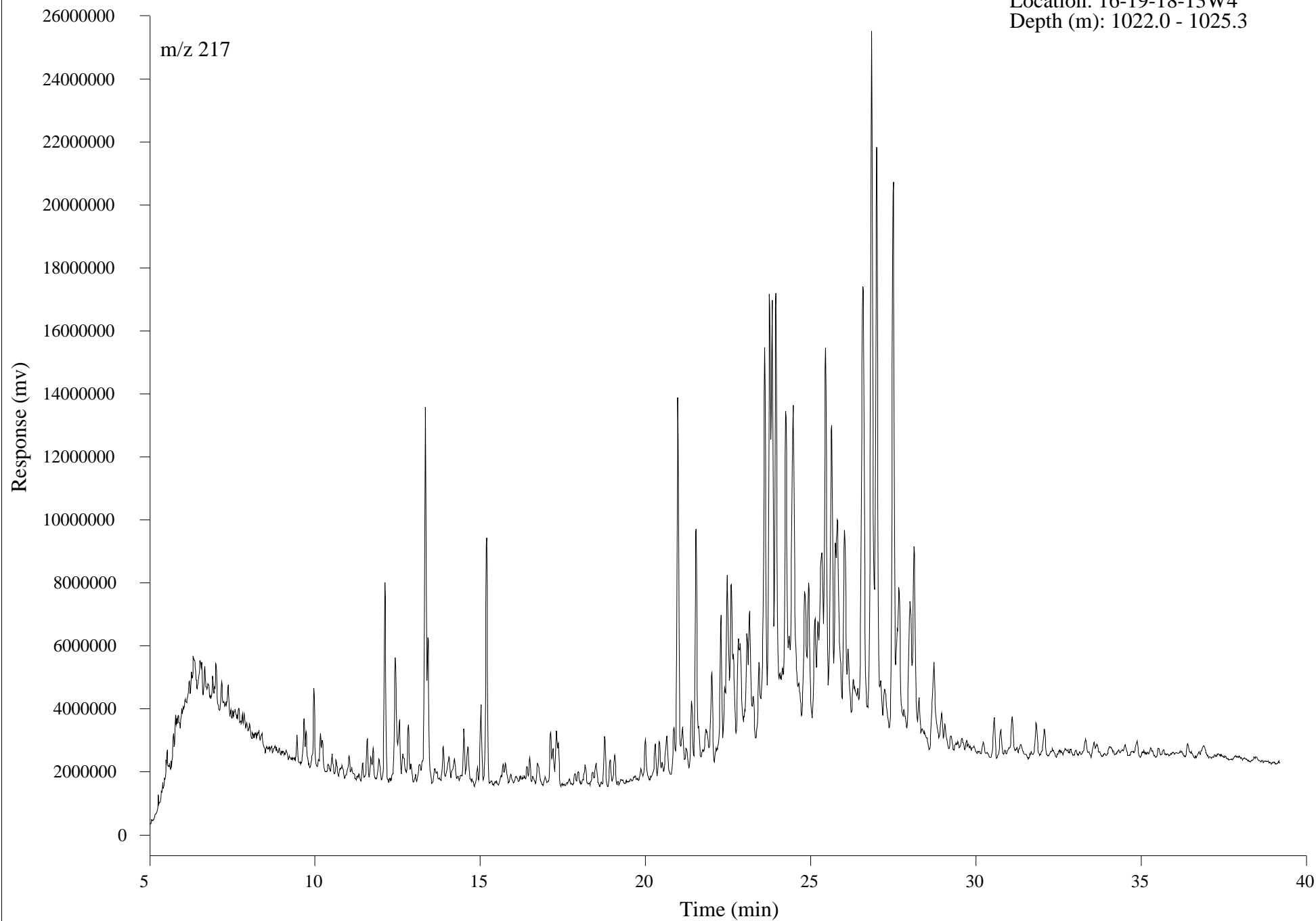
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GSC No: C-558470  
Location: 16-19-18-13W4  
Depth (m): 1022.0 - 1025.3





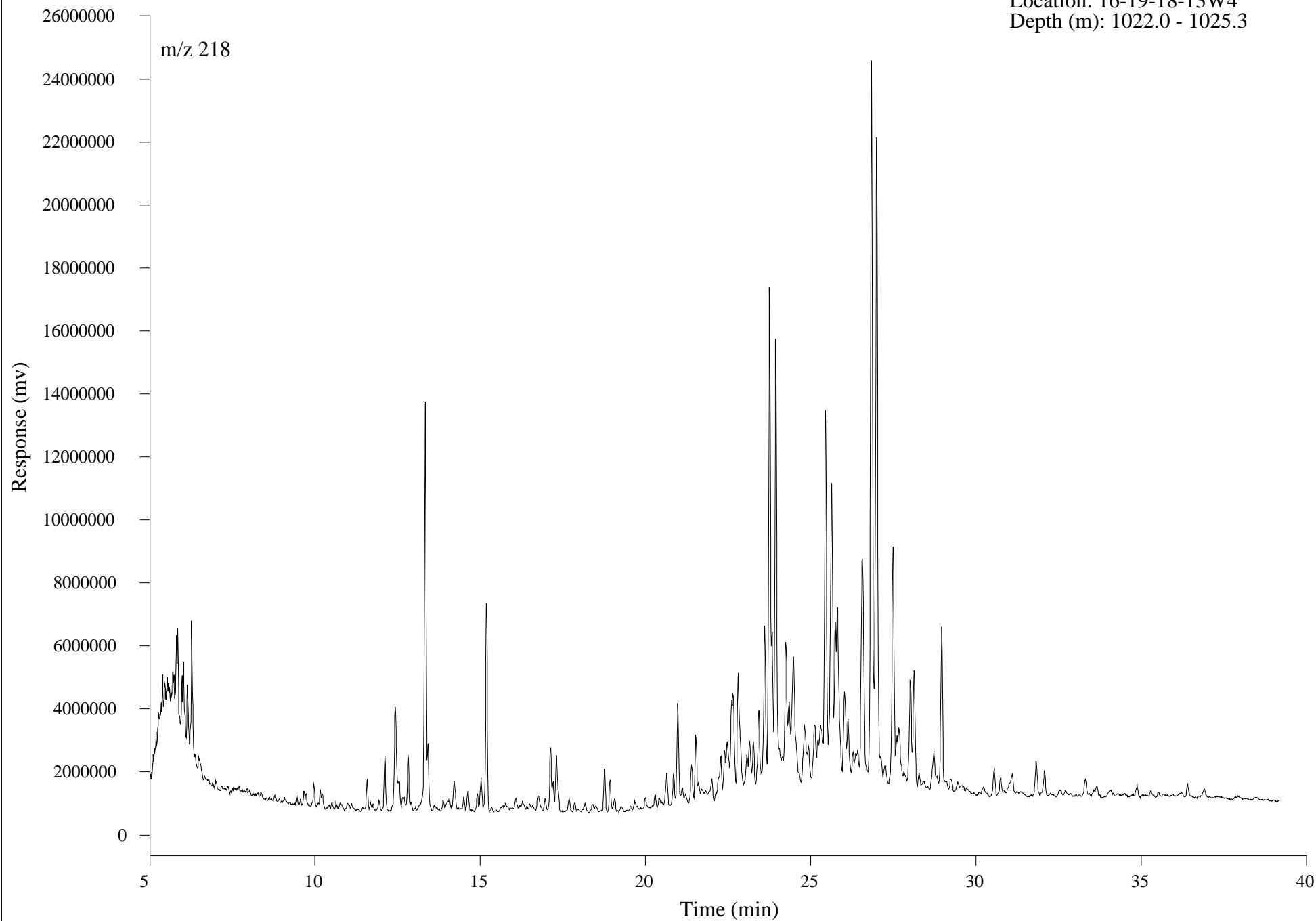
# Saturated Hydrocarbons Mass Chromatogram

Lab Id: L01978  
GSC No: C-558470  
Location: 16-19-18-13W4  
Depth (m): 1022.0 - 1025.3



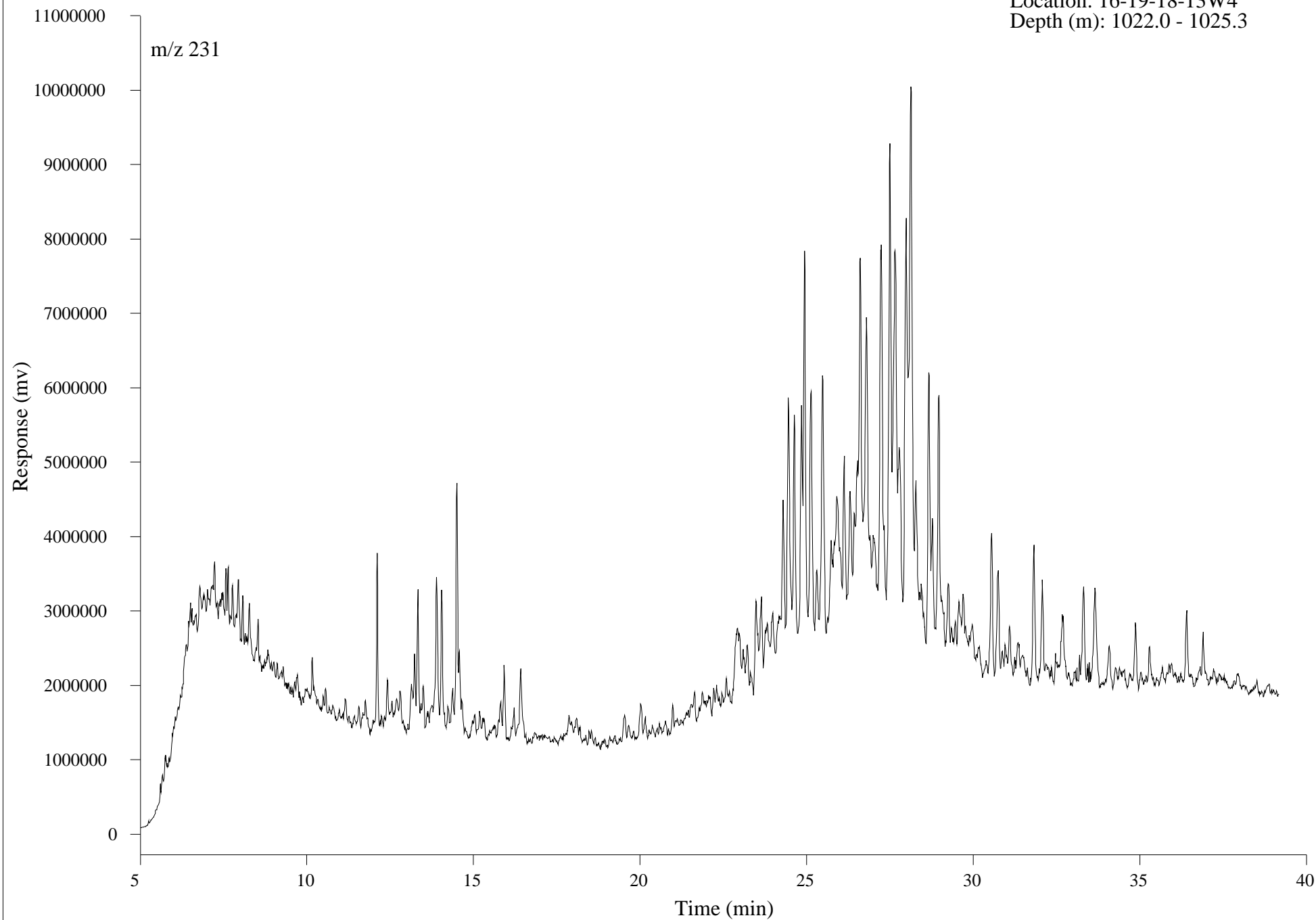
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