

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: L02146

GSC Catalog No: C-558617

Acquisition Date: 1996-05-14

Location: 16-16-5-4W4

UWI: 100161600504W400

Upper Depth (m): 1166.0

Lower Depth (m): 1167.5

Fraction: gasoline

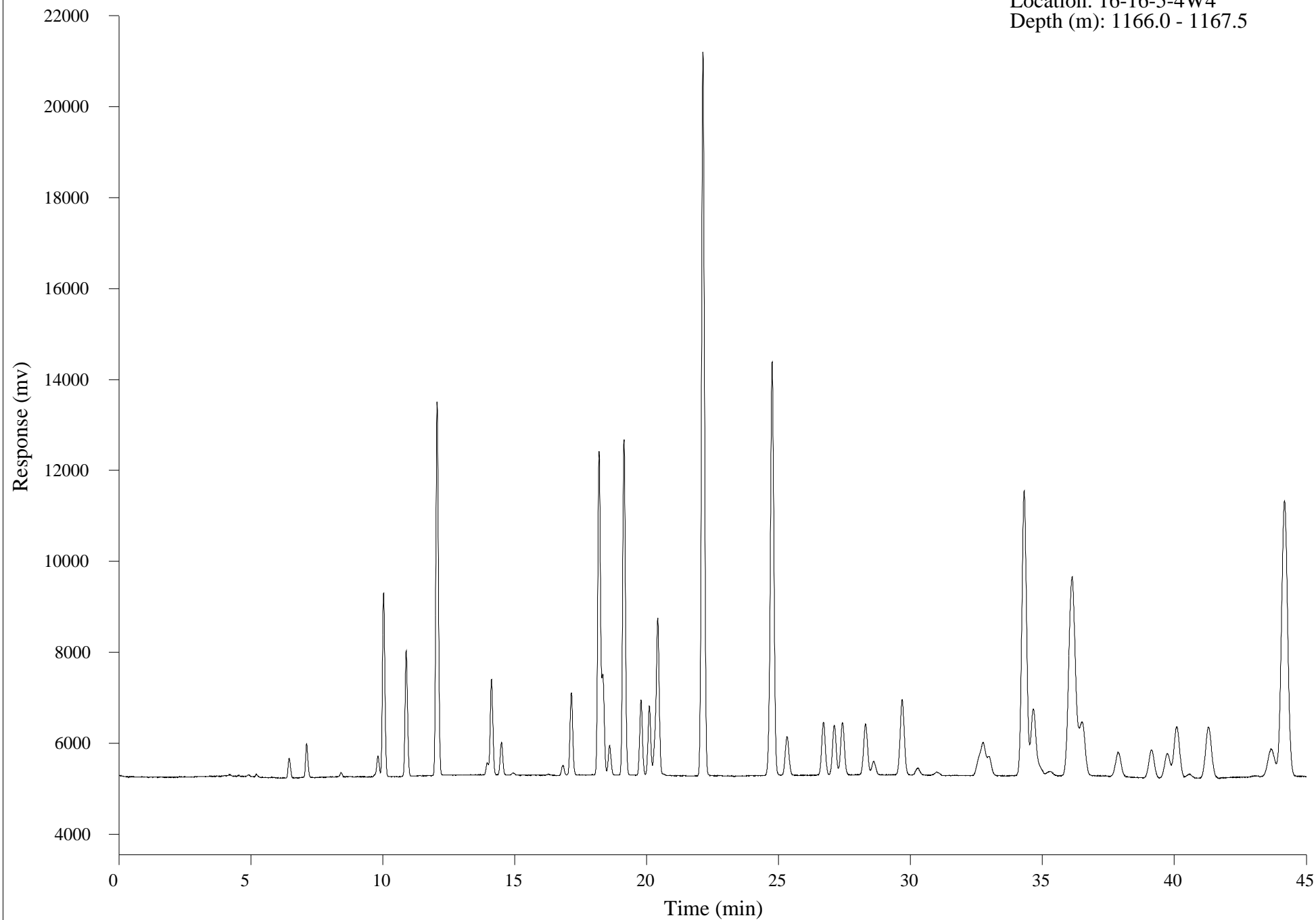
Instrument: HP 5890 GC

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

Time	Compound Name	Area	Height
6.46	iC5	2625.00	429.24
7.12	nC5	4417.00	744.76
8.43	22DMC4	488.00	86.24
9.74	CYC5	537.00	167.15
9.83	23DMC4	3650.00	531.00
10.04	2MC5	26469.00	4079.00
10.89	3MC5	17947.00	2768.43
12.06	nC6	55769.00	8213.73
13.96	22DMC5	1455.00	262.82
14.13	MCYC5	14689.00	2099.03
14.50	24DMC5	4899.00	721.63
14.95	223TMC4	207.00	38.70
16.83	33DMC5	1587.00	221.92
17.15	CYC6	13064.00	1819.02
18.20	2MC6	52343.00	7115.45
18.34	23DMC5	12827.00	2218.76
18.60	11DMCYC5	4816.00	649.89
19.15	3MC6	53063.00	7392.05
19.79	1c3DMCYC5	11901.00	1652.90
20.11	1t3DMCYC5	10909.00	1503.47
20.43	1t2DMCYC5	29884.00	3433.90
22.14	nC7	123498.00	15935.16
24.76	MCYC6	84407.00	9096.66
25.33	22DMC6	8335.00	845.99
26.71	ECYC5	10947.00	1158.00
27.12	25DMC6	10544.00	1085.36
27.43	24DMC6	11444.00	1148.46
28.30	223TMC5	11590.00	1117.83
30.27	234TMC5	1536.00	147.11
30.99	TOL	80.00	23.60
34.31	2MC7	77194.00	6230.58
36.51	3MC7	15880.00	1173.83
43.68	1c4DMCYC6	10195.00	597.71
44.18	nC8	98779.00	6058.78

Gasoline Gas Chromatogram

Lab Id: L02146
GSC No: C-558617
Location: 16-16-5-4W4
Depth (m): 1166.0 - 1167.5



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Sample ID: L02146

GSC Catalog No: C-558617

Acquisition Date: 1996-11-04

Location: 16-16-5-4W4

UWI: 100161600504W400

Upper Depth (m): 1166.0

Lower Depth (m): 1167.5

Fraction: saturate

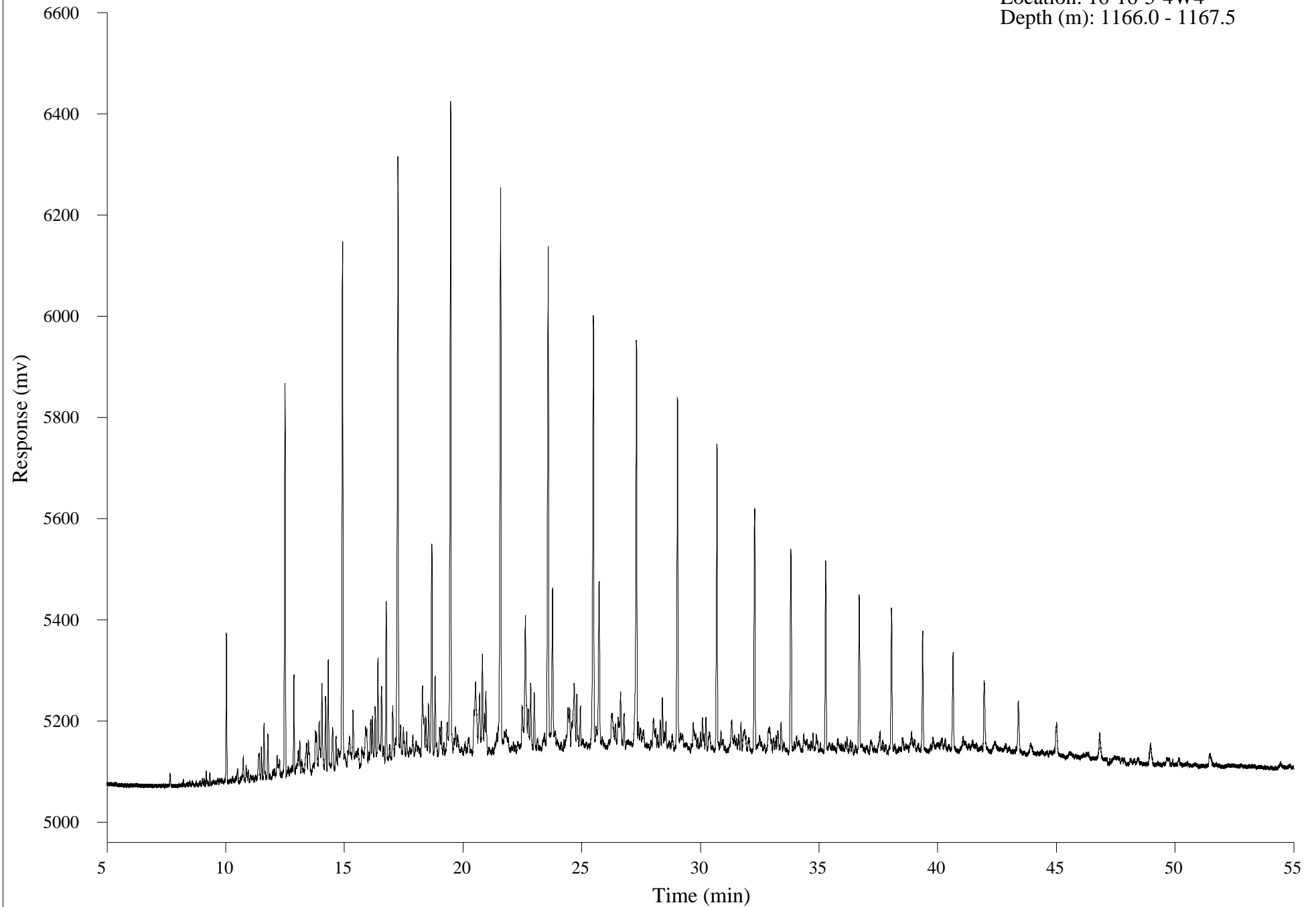
Instrument: Varian 3800 GC

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

Time	Compound Name	Area	Height
10.03	C11	675.82	300.30
12.50	C12	2084.61	783.13
14.93	C13	3042.48	1025.63
17.26	C14	3800.91	1180.86
19.48	C15	3902.35	1297.73
21.59	C16	3582.96	1099.64
23.59	C17	3143.20	986.75
23.77	Pr	950.11	300.35
25.50	C18	2926.22	859.53
25.74	Ph	1192.32	326.91
27.31	C19	2558.72	805.19
29.04	C20	2102.16	686.88
30.70	C21	1801.83	613.97
32.29	C22	1570.21	488.89
33.82	C23	1364.09	401.54
35.29	C24	1142.21	376.62
36.70	C25	955.15	310.43
38.06	C26	867.09	282.08
39.37	C27	786.68	243.27
40.65	C28	708.97	198.50
41.97	C29	566.16	139.51
43.41	C30	421.99	101.91
45.01	C31	330.33	63.06
46.83	C32	283.23	51.83

Saturated Hydrocarbons Gas Chromatogram

Lab Id: L02146
GSC No: C-558617
Location: 16-16-5-4W4
Depth (m): 1166.0 - 1167.5



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: L02146

GSC Catalog No: C-558617

Acquisition Date: 1996-11-20

Location: 16-16-5-4W4

UWI: 100161600504W400

Upper Depth (m): 1166.0

Lower Depth (m): 1167.5

Fraction: saturate

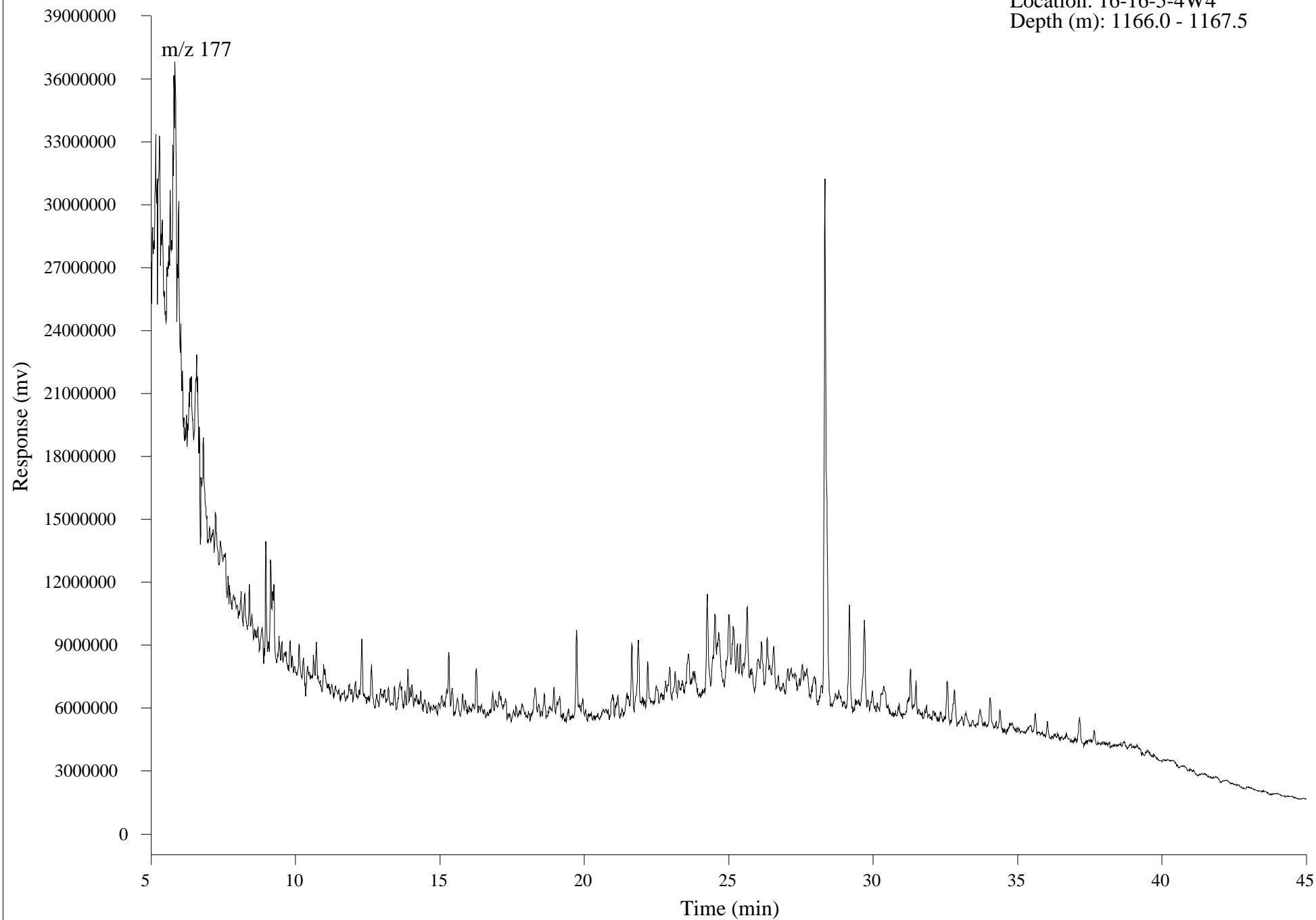
Instrument: HP 5890 GC/VG70SQ MS

MS Mode: Selected Ion Monitoring + EI

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

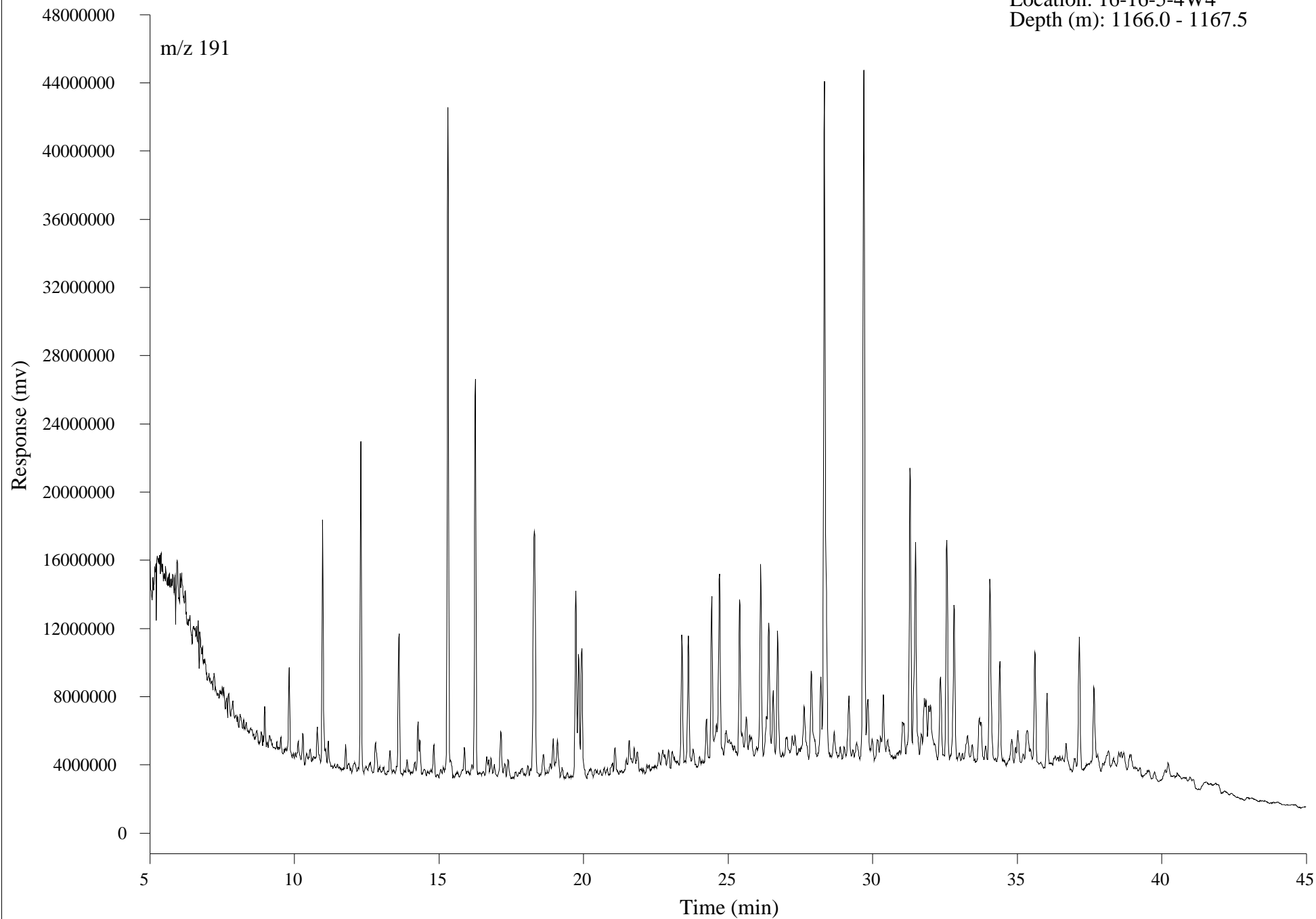
Saturated Hydrocarbons Mass Chromatogram

Lab Id: L02146
GSC No: C-558617
Location: 16-16-5-4W4
Depth (m): 1166.0 - 1167.5



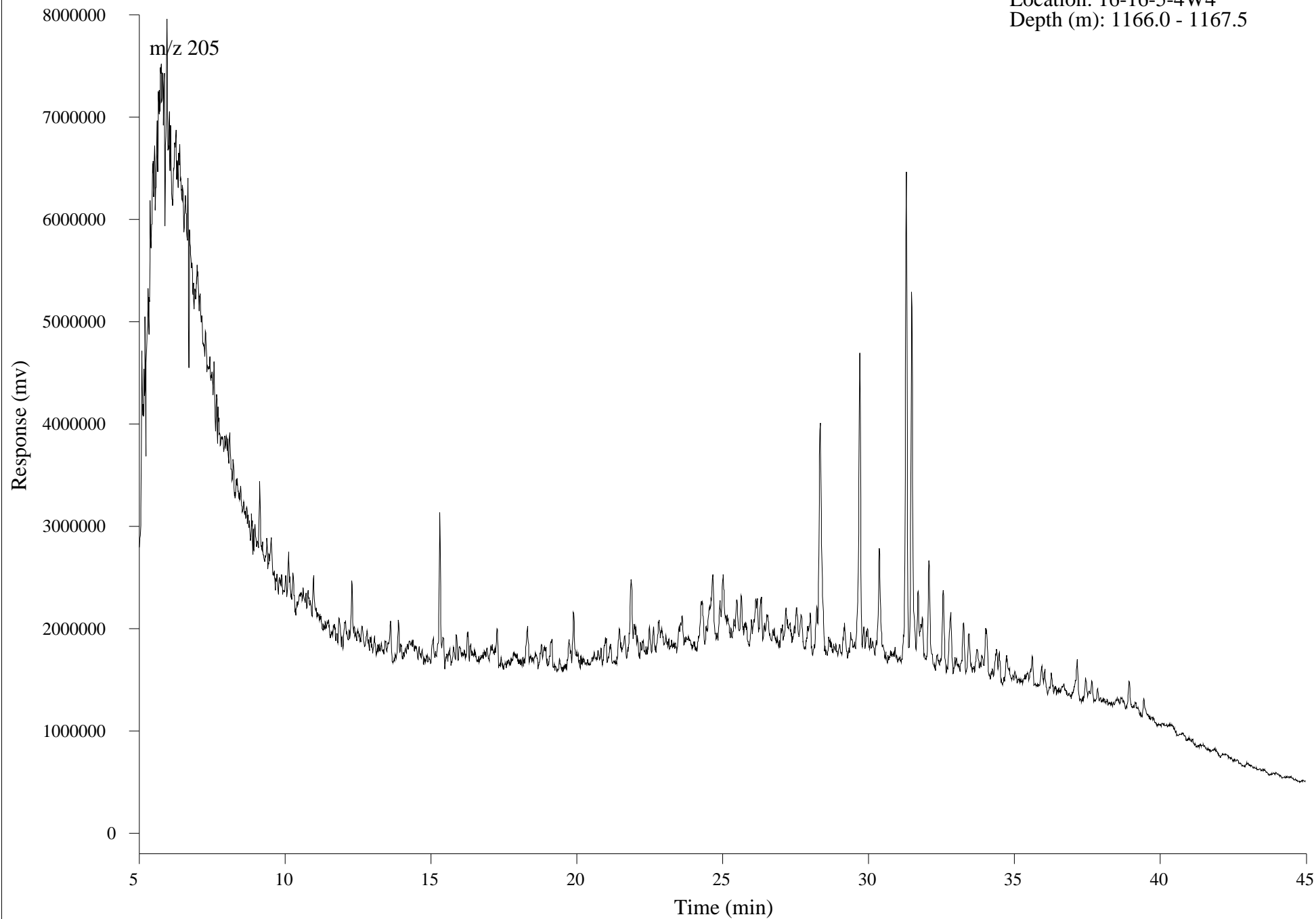
Saturated Hydrocarbons Mass Chromatogram

Lab Id: L02146
GSC No: C-558617
Location: 16-16-5-4W4
Depth (m): 1166.0 - 1167.5



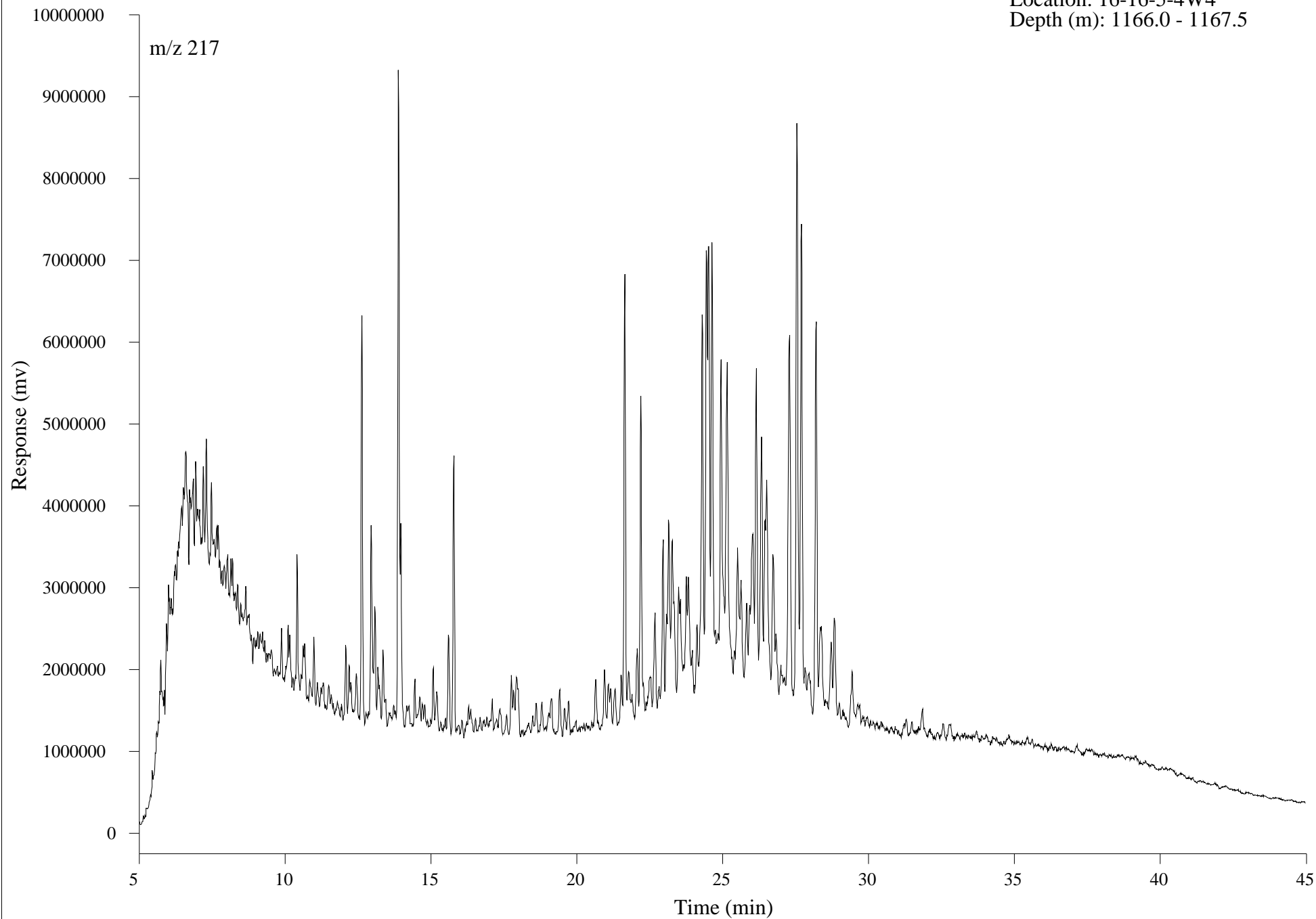
Saturated Hydrocarbons Mass Chromatogram

Lab Id: L02146
GSC No: C-558617
Location: 16-16-5-4W4
Depth (m): 1166.0 - 1167.5



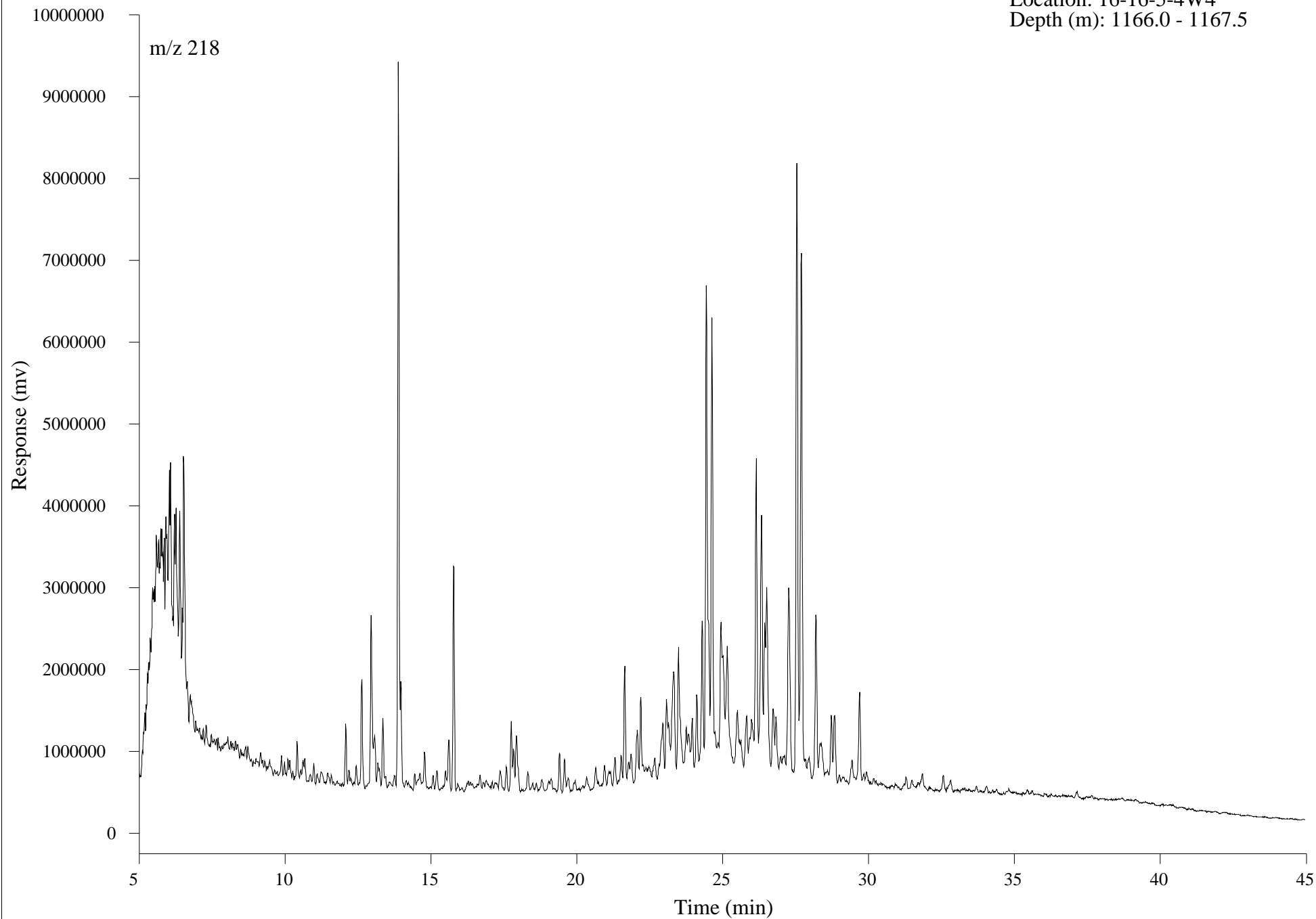
Saturated Hydrocarbons Mass Chromatogram

Lab Id: L02146
GSC No: C-558617
Location: 16-16-5-4W4
Depth (m): 1166.0 - 1167.5



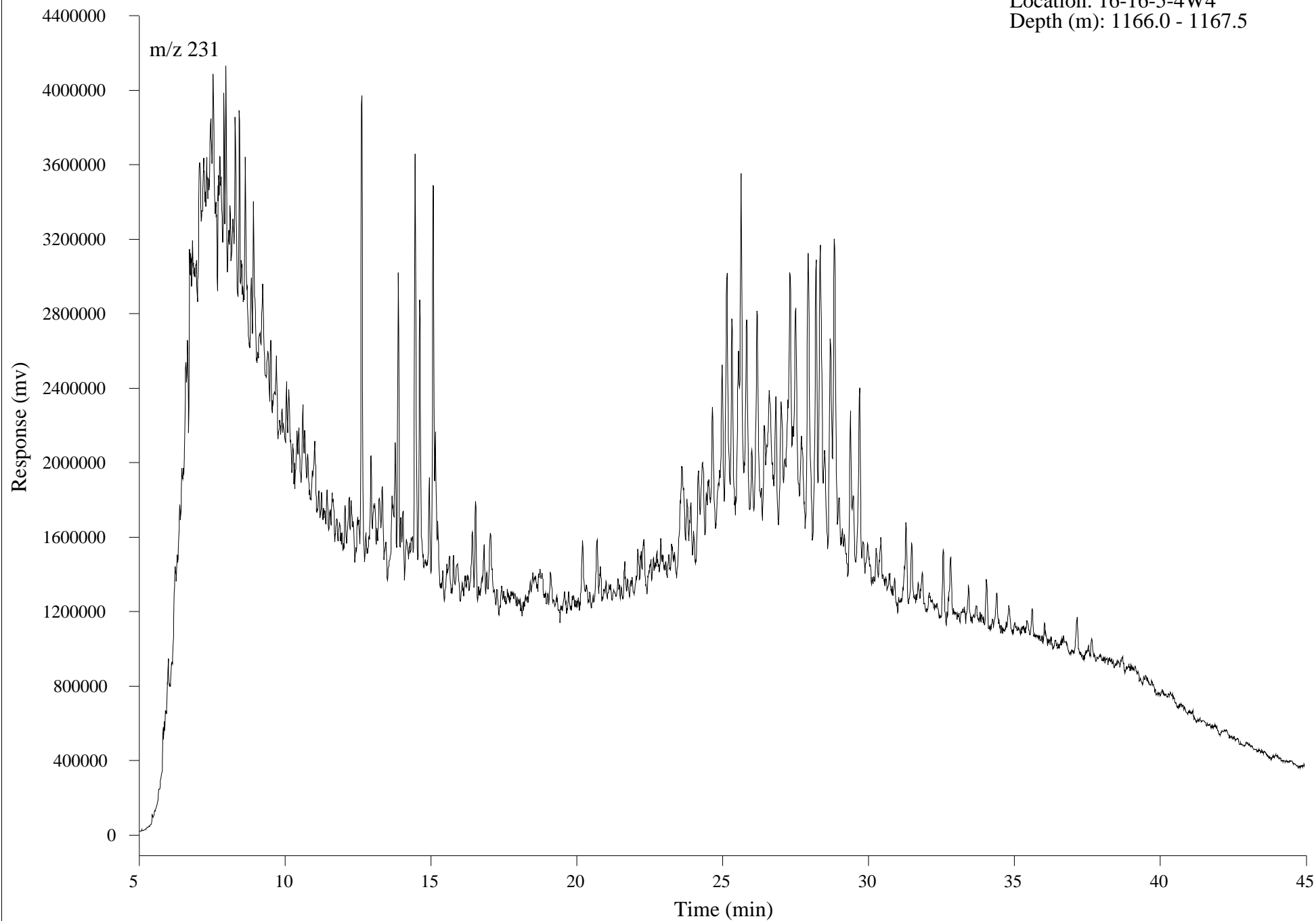
Saturated Hydrocarbons Mass Chromatogram

Lab Id: L02146
GSC No: C-558617
Location: 16-16-5-4W4
Depth (m): 1166.0 - 1167.5



Saturated Hydrocarbons Mass Chromatogram

Lab Id: L02146
GSC No: C-558617
Location: 16-16-5-4W4
Depth (m): 1166.0 - 1167.5



Saturated Hydrocarbons Mass Chromatogram

Lab Id: L02146
GSC No: C-558617
Location: 16-16-5-4W4
Depth (m): 1166.0 - 1167.5

