

# 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: L01910

GSC Catalog No: C-558495

Acquisition Date: 1995-06-14

Location: 16-8-15-10W4

UWI: 100160801510W400

Upper Depth (m): 944.0

Lower Depth (m): 948.0

Fraction: gasoline

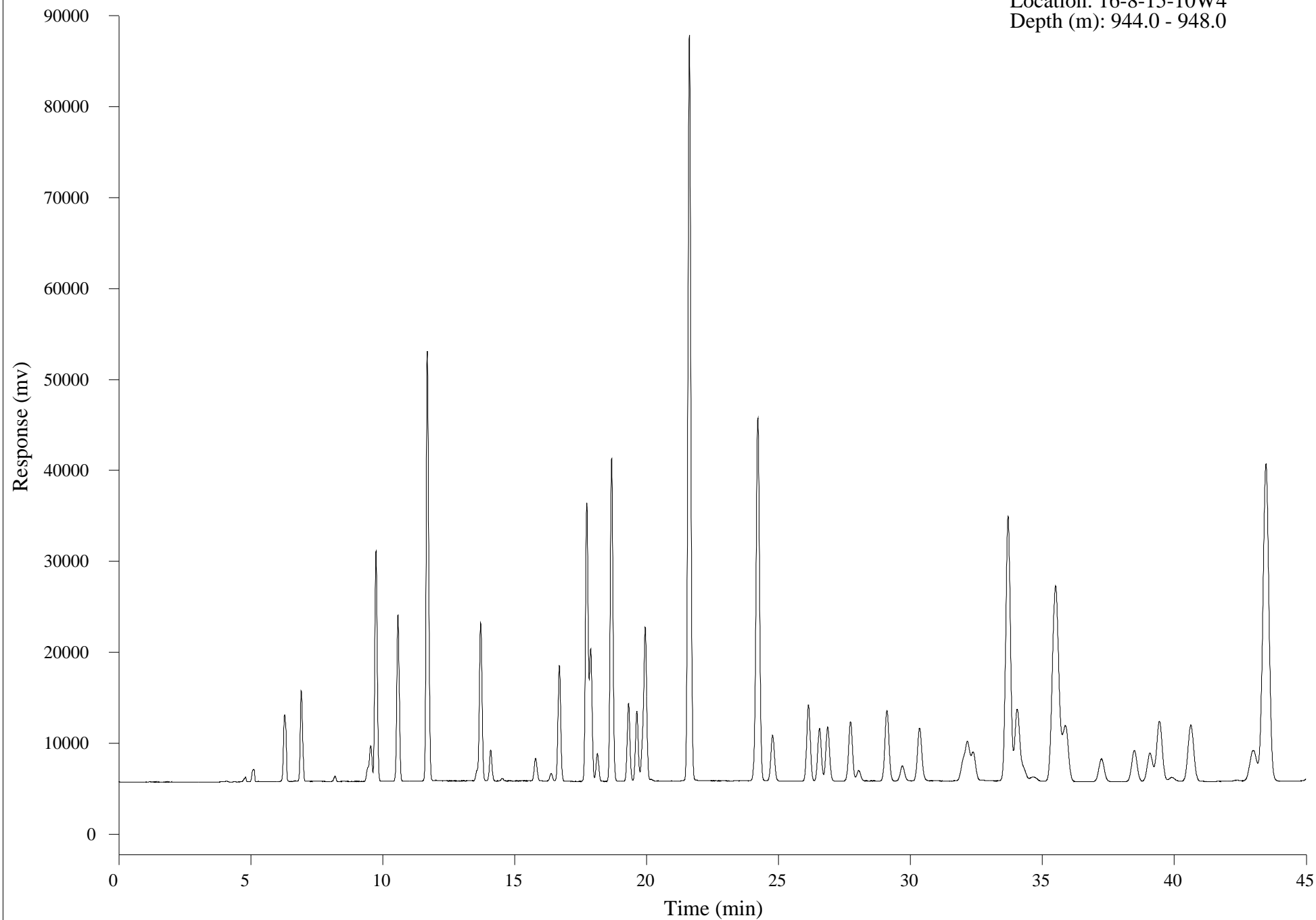
Instrument: HP 5890 GC

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

Time	Compound Name	Area	Height
6.29	iC5	51262.00	7350.69
6.92	nC5	59441.00	9965.78
8.20	22DMC4	3330.00	587.36
9.48	CYC5	9975.00	2009.90
9.55	23DMC4	27220.00	4124.00
9.75	2MC5	169497.00	25713.00
10.58	3MC5	119452.00	18295.23
11.69	nC6	307447.00	47290.12
13.60	22DMC5	6763.00	1657.57
13.71	MCYC5	127049.00	17749.00
14.09	24DMC5	22552.00	3410.45
14.52	223TMC4	1816.00	265.84
15.79	BEN	18983.00	2470.03
16.39	33DMC5	5996.00	860.34
16.70	CYC6	91102.00	12733.16
17.74	2MC6	218482.00	30630.85
17.88	23DMC5	97514.00	14578.92
18.14	11DMCYC5	22026.00	3036.55
18.68	3MC6	254944.00	35533.63
19.32	1c3DMCYC5	62281.00	8555.94
19.63	1t3DMCYC5	56068.00	7668.52
19.95	1t2DMCYC5	148604.00	16901.45
21.62	nC7	626203.00	81989.42
24.22	MCYC6	367843.00	39905.77
24.78	22DMC6	47682.00	5010.41
26.14	ECYC5	79399.00	8403.21
26.56	25DMC6	55742.00	5787.14
26.87	24DMC6	58347.00	5940.44
27.73	223TMC5	67605.00	6518.95
29.70	234TMC5	18754.00	1656.75
30.35	TOL	66237.00	5799.74
33.70	2MC7	362082.00	29153.19
35.88	3MC7	88102.00	6143.87
43.00	1c4DMCYC6	58611.00	3375.06
43.48	nC8	562829.00	34868.61

# Gasoline Gas Chromatogram

Lab Id: L01910  
GSC No: C-558495  
Location: 16-8-15-10W4  
Depth (m): 944.0 - 948.0



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Sample ID: L01910

GSC Catalog No: C-558495

Acquisition Date: 1996-01-09

Location: 16-8-15-10W4

UWI: 100160801510W400

Upper Depth (m): 944.0

Lower Depth (m): 948.0

Fraction: saturate

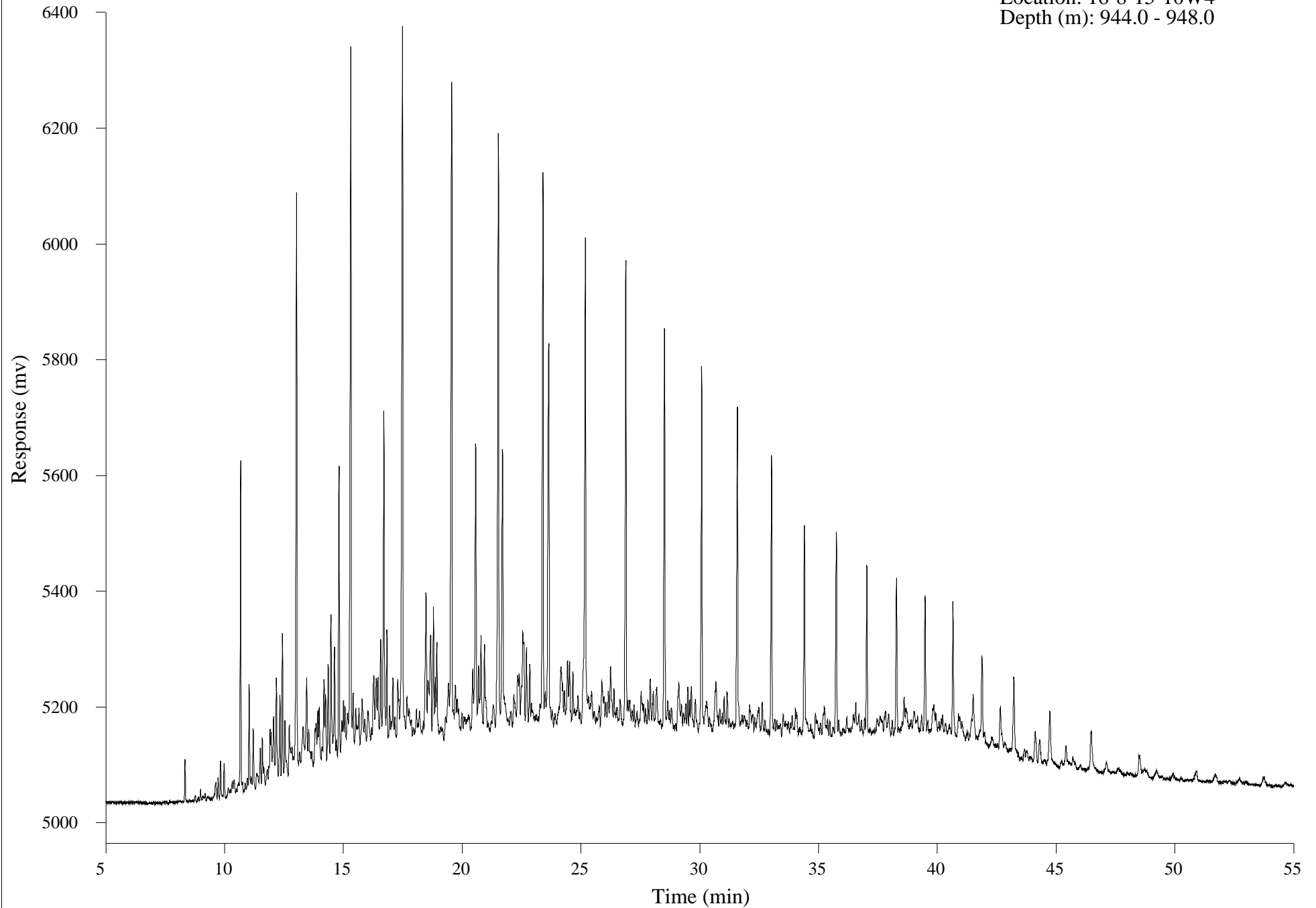
Instrument: Varian 3800 GC

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

Time	Compound Name	Area	Height
8.34	C11	164.12	75.06
10.68	C12	1200.42	554.00
13.03	C13	2753.98	985.69
15.31	C14	3633.14	1200.43
17.49	C15	4002.23	1220.13
19.56	C16	3686.58	1112.76
21.53	C17	3354.94	1013.10
21.70	Pr	1407.14	440.39
23.41	C18	2833.13	935.62
23.65	Ph	2415.84	648.59
25.19	C19	2844.58	825.70
26.89	C20	2312.63	788.76
28.52	C21	1984.35	684.60
30.09	C22	1800.67	617.51
31.59	C23	1610.86	543.80
33.03	C24	1416.59	478.27
34.41	C25	1061.21	346.32
35.76	C26	1043.20	337.29
37.04	C27	802.73	286.73
38.29	C28	770.93	265.38
39.49	C29	732.80	231.87
40.66	C30	740.77	228.21
41.89	C31	498.95	138.11
43.23	C32	505.25	127.83

# Saturated Hydrocarbons Gas Chromatogram

Lab Id: L01910  
GSC No: C-558495  
Location: 16-8-15-10W4  
Depth (m): 944.0 - 948.0



# 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: L01910

GSC Catalog No: C-558495

Acquisition Date: 1996-01-29

Location: 16-8-15-10W4

UWI: 100160801510W400

Upper Depth (m): 944.0

Lower Depth (m): 948.0

Fraction: saturate

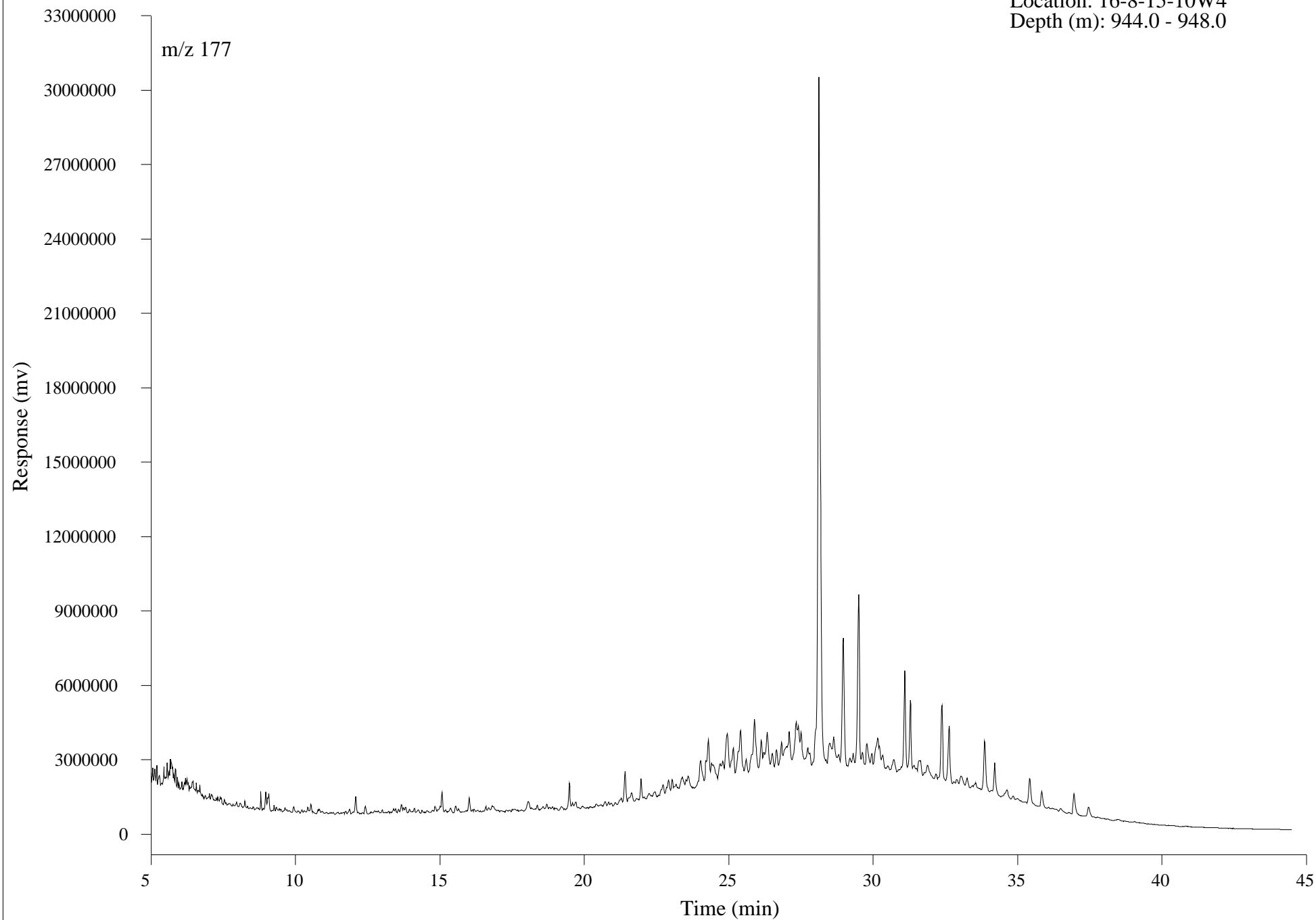
Instrument: HP 5890 GC/VG70SQ MS

MS Mode: Selected Ion Monitoring + EI

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

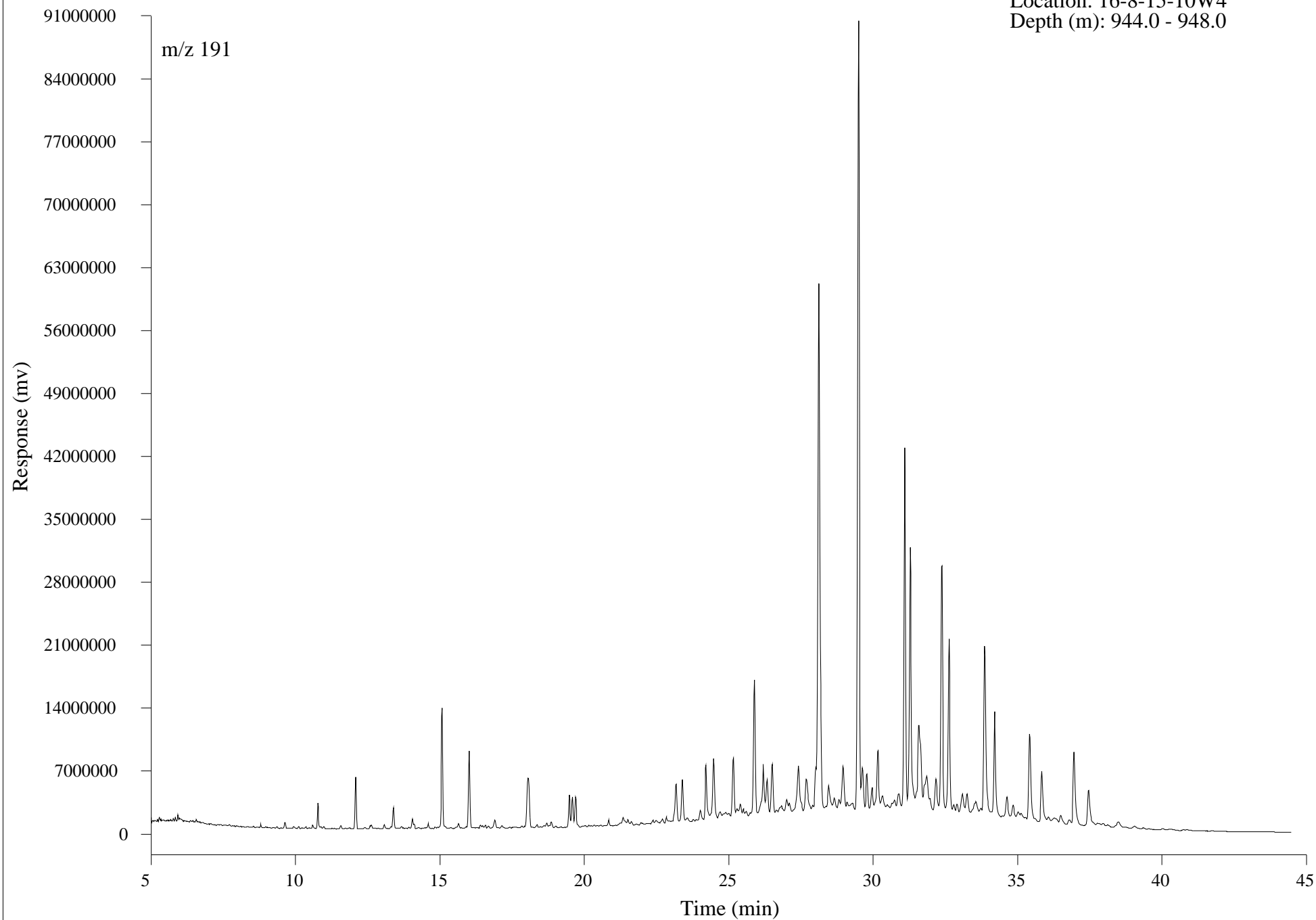
# Saturated Hydrocarbons Mass Chromatogram

Lab Id: L01910  
GSC No: C-558495  
Location: 16-8-15-10W4  
Depth (m): 944.0 - 948.0



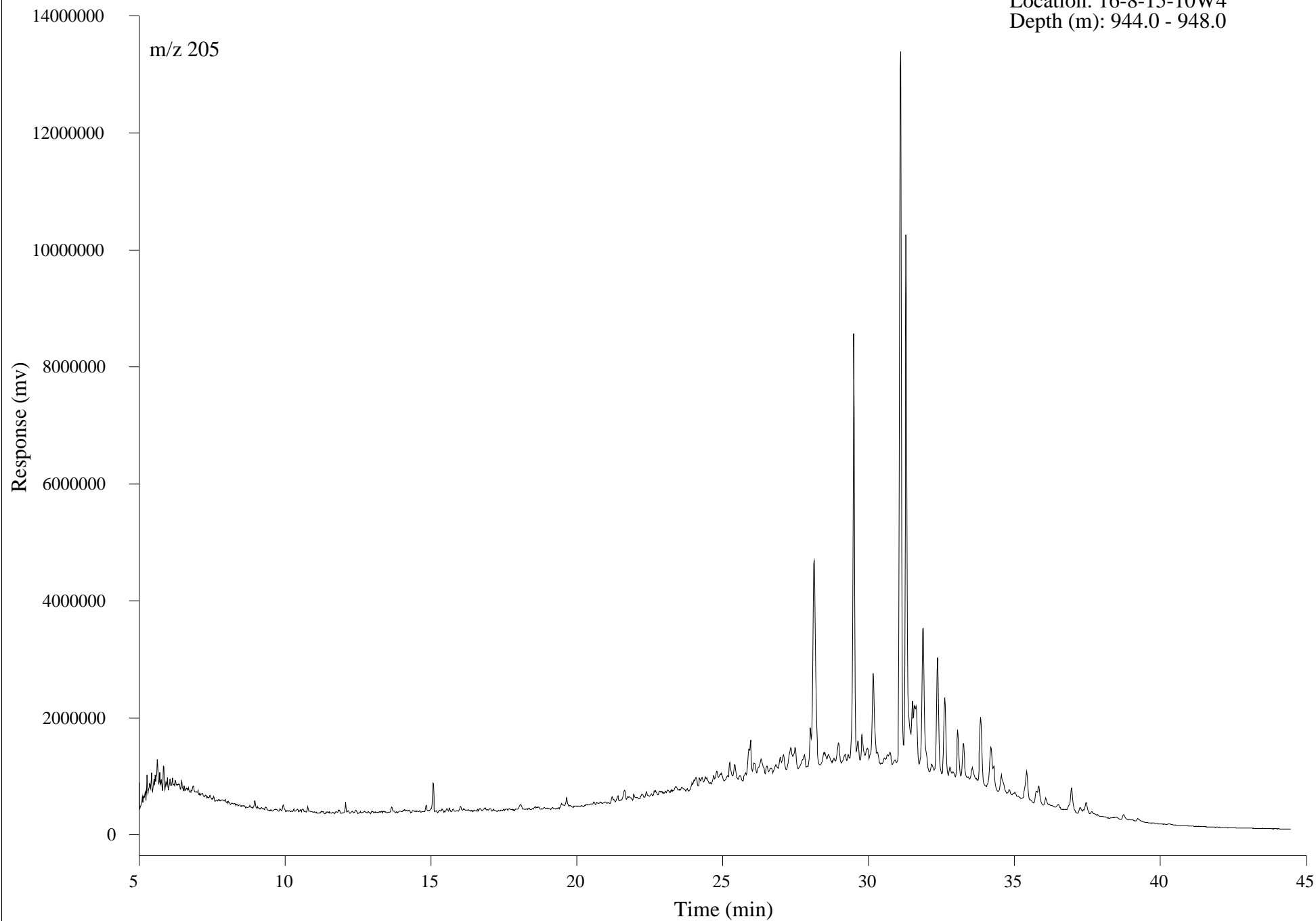
# Saturated Hydrocarbons Mass Chromatogram

Lab Id: L01910  
GSC No: C-558495  
Location: 16-8-15-10W4  
Depth (m): 944.0 - 948.0



# Saturated Hydrocarbons Mass Chromatogram

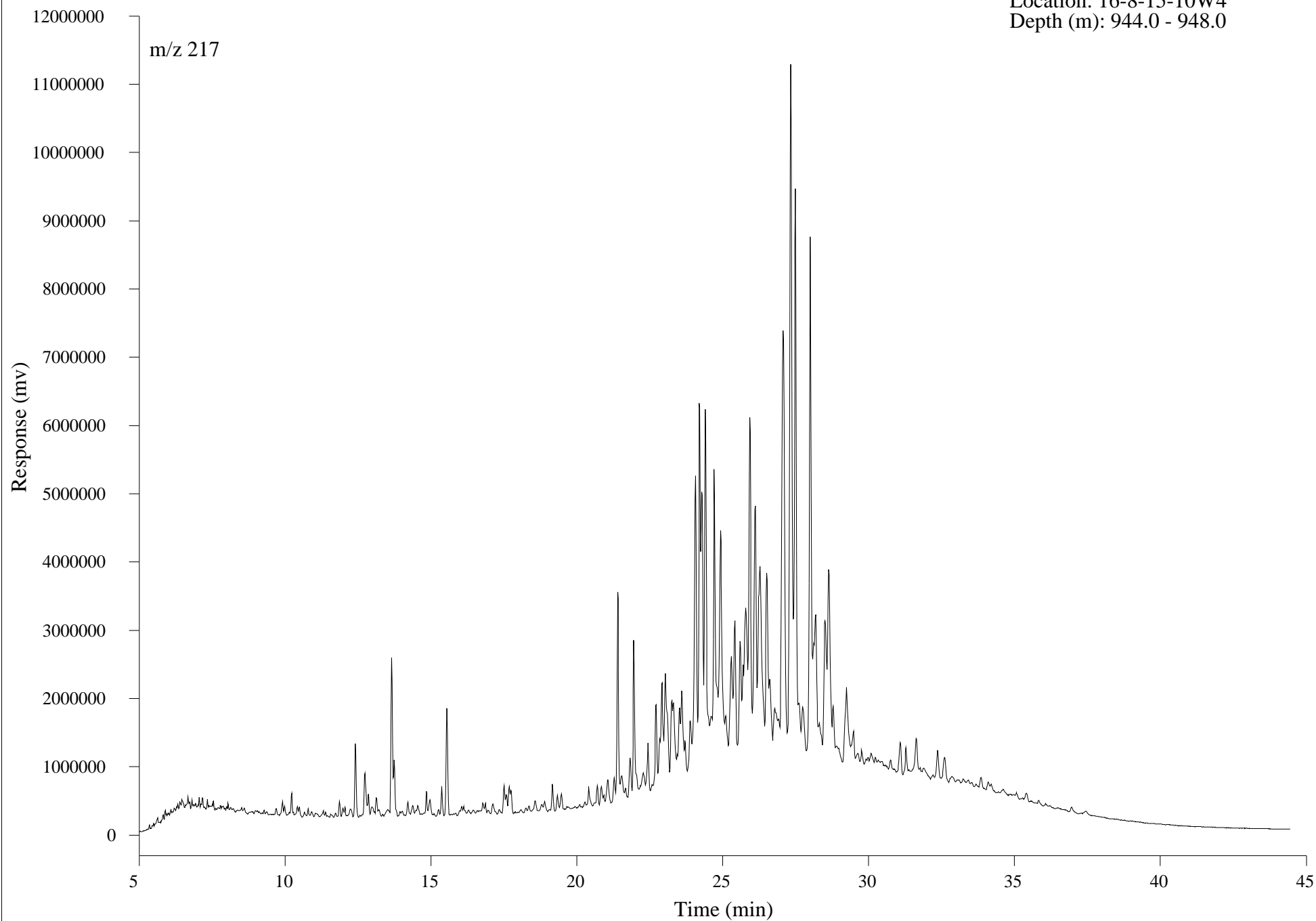
Lab Id: L01910  
GSC No: C-558495  
Location: 16-8-15-10W4  
Depth (m): 944.0 - 948.0





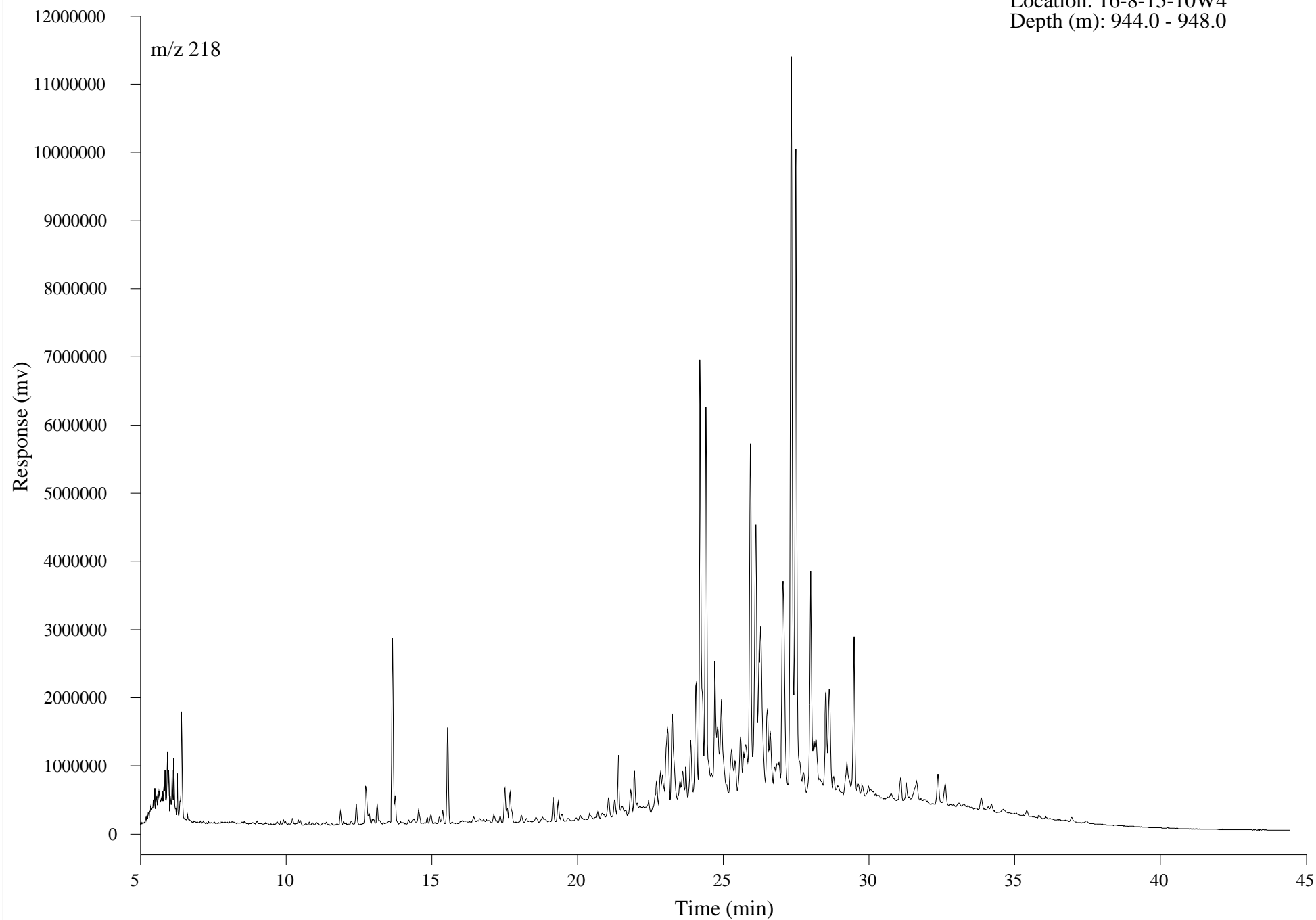
# Saturated Hydrocarbons Mass Chromatogram

Lab Id: L01910  
GSC No: C-558495  
Location: 16-8-15-10W4  
Depth (m): 944.0 - 948.0



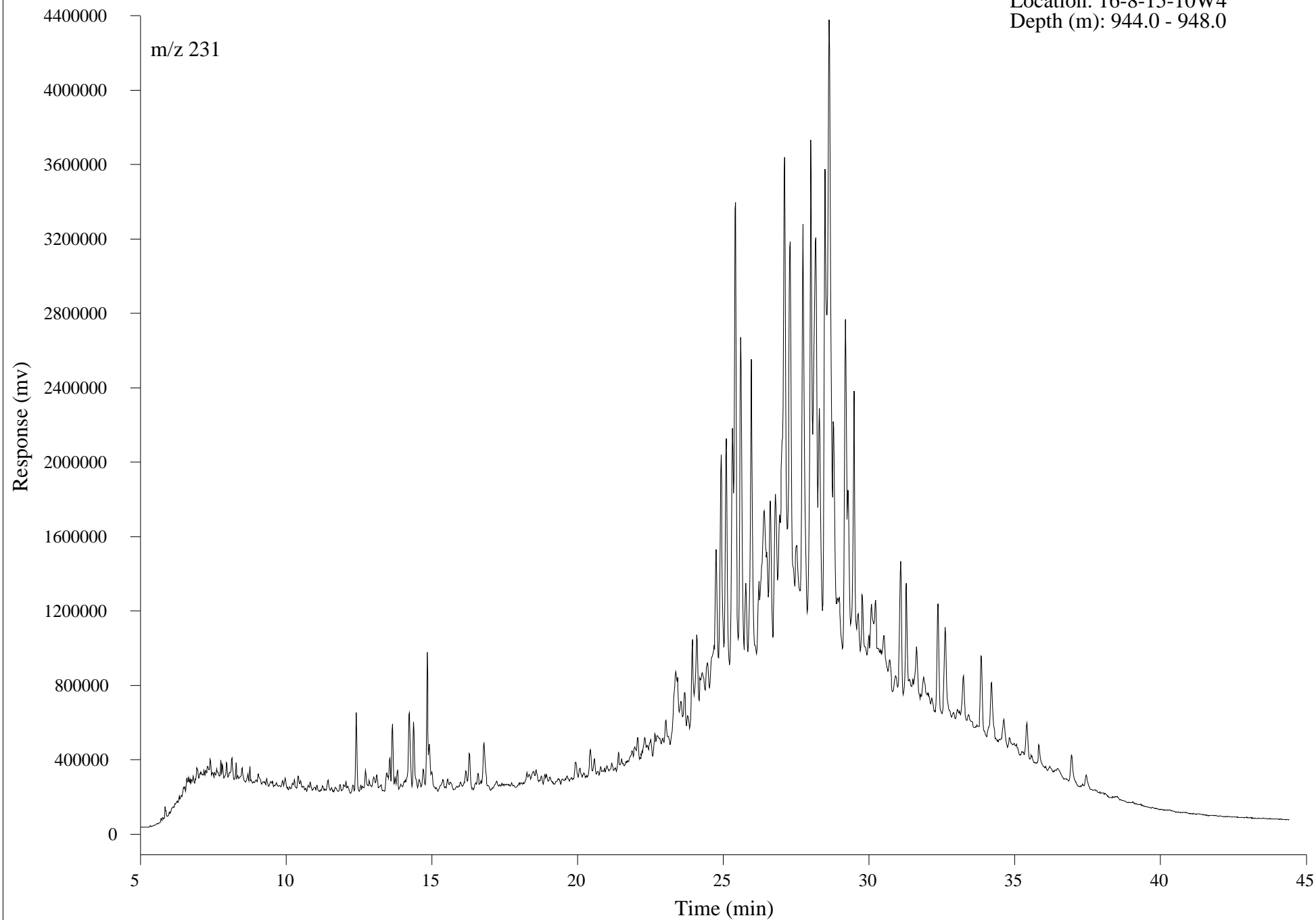
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