

# 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: L02488

GSC Catalog No: C-558682

Acquisition Date: 1999-02-12

Location: 16-2-9-18W4

UWI: 100160200918W400

Upper Depth (m): 1042.0

Lower Depth (m): 1043.0

Fraction: gasoline

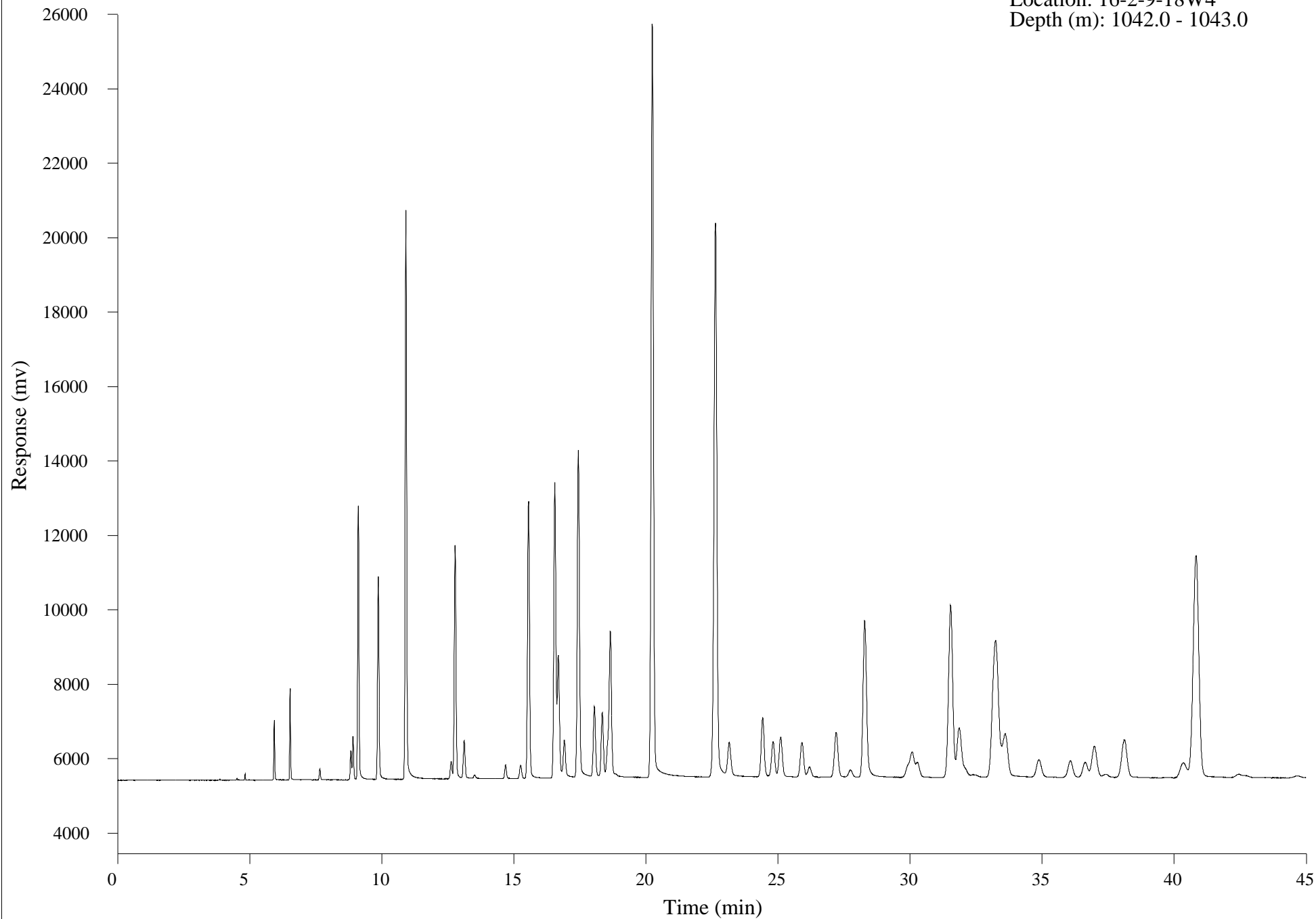
Instrument: HP 5890 GC

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

Time	Compound Name	Area	Height
5.93	iC5	3586.00	1605.77
6.53	nC5	5666.00	2470.25
7.66	22DMC4	905.00	292.16
8.83	CYC5	2412.00	774.02
8.91	23DMC4	4108.00	1158.09
9.11	2MC5	25607.00	7344.74
9.87	3MC5	20868.00	5471.47
10.92	nC6	60330.00	15299.95
12.63	22DMC5	2109.00	462.90
12.78	MCYC5	28458.00	6256.89
13.12	24DMC5	4803.00	1004.44
13.52	223TMC4	412.00	83.64
14.69	BEN	1718.00	370.07
15.26	33DMC5	1980.00	352.80
15.56	CYC6	39256.00	7419.83
16.55	2MC6	43316.00	7949.09
16.69	23DMC5	18471.00	3286.59
16.91	11DMCYC5	6166.00	988.13
17.44	3MC6	50589.00	8777.37
18.05	1c3DMCYC5	10823.00	1868.72
18.35	1t3DMCYC5	9733.00	1689.34
18.65	1t2DMCYC5	27498.00	3848.36
20.24	nC7	124123.00	20195.99
22.63	MCYC6	115433.00	14871.65
23.15	22DMC6	7900.00	891.95
24.42	ECYC5	12702.00	1578.70
24.82	25DMC6	8005.00	941.19
25.10	24DMC6	9118.00	1062.96
25.91	223TMC5	8352.00	925.32
27.74	234TMC5	1732.00	184.68
28.28	TOL	39391.00	4194.68
31.54	2MC7	51071.00	4609.03
33.61	3MC7	15432.00	1145.11
40.34	1c4DMCYC6	7102.00	408.77
40.82	nC8	89901.00	5968.89

# Gasoline Gas Chromatogram

Lab Id: L02488  
GSC No: C-558682  
Location: 16-2-9-18W4  
Depth (m): 1042.0 - 1043.0



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Sample ID: L02488

GSC Catalog No: C-558682

Acquisition Date: 1998-05-21

Location: 16-2-9-18W4

UWI: 100160200918W400

Upper Depth (m): 1042.0

Lower Depth (m): 1043.0

Fraction: saturate

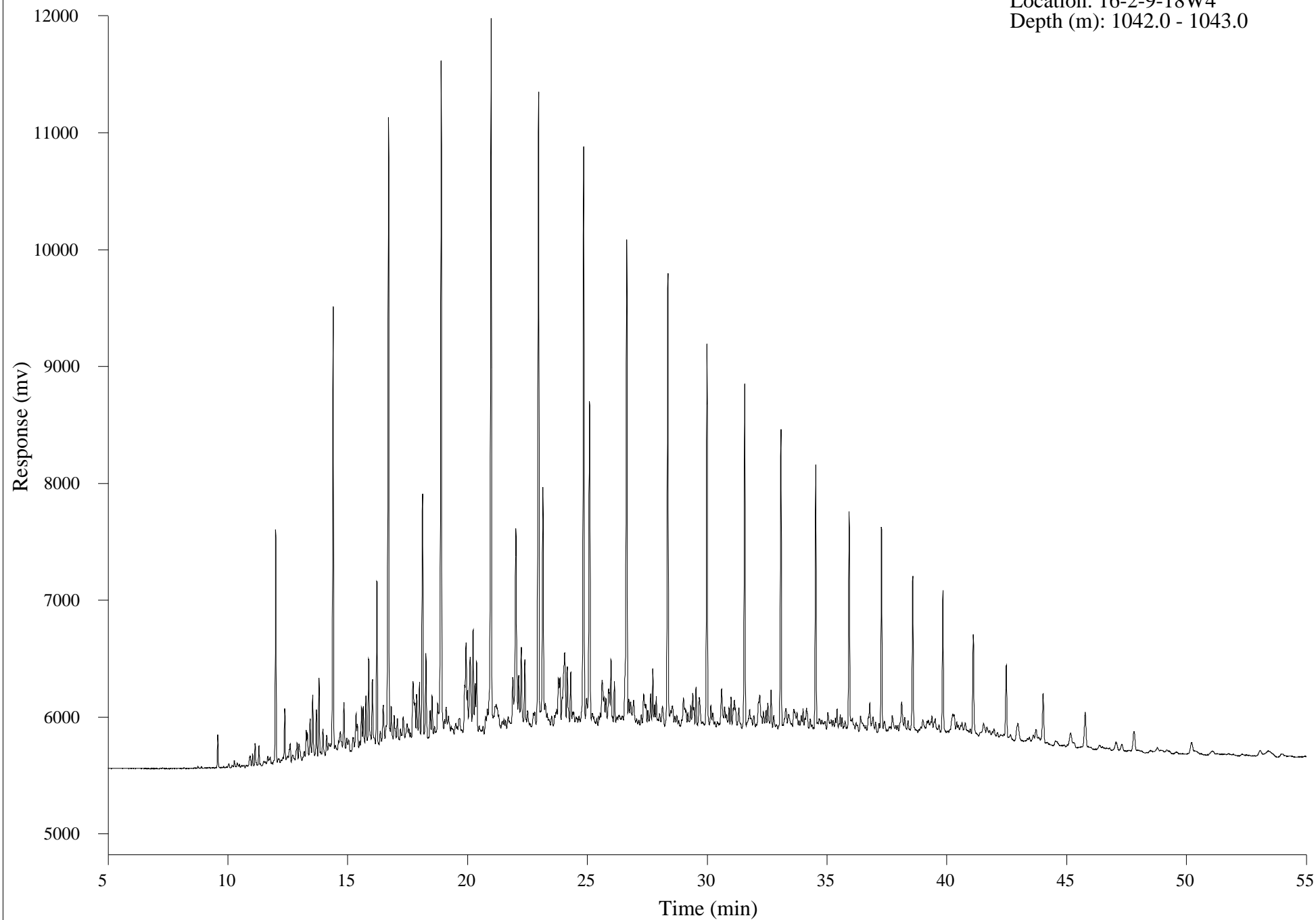
Instrument: Varian 3800 GC

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

Time	Compound Name	Area	Height
9.58	C11	658.72	286.17
12.00	C12	4946.73	2000.25
14.39	C13	10346.65	3834.70
16.71	C14	15961.67	5308.73
18.90	C15	17536.00	5785.07
20.99	C16	18211.83	6062.68
22.96	C17	15934.05	5386.83
23.15	Pr	6751.73	1988.07
24.85	C18	14512.22	4916.12
25.09	Ph	9317.32	2755.35
26.64	C19	12956.11	4128.33
28.36	C20	11410.34	3882.54
29.99	C21	9159.52	3240.78
31.57	C22	8431.14	2946.66
33.08	C23	7346.68	2561.62
34.53	C24	6405.95	2266.80
35.93	C25	5383.14	1856.88
37.28	C26	4982.50	1747.86
38.58	C27	4015.00	1313.53
39.84	C28	3604.56	1219.55
41.10	C29	2864.39	852.56
42.48	C30	2060.31	612.80
44.02	C31	1693.37	412.01
45.78	C32	1418.39	298.79

# Saturated Hydrocarbons Gas Chromatogram

Lab Id: L02488  
GSC No: C-558682  
Location: 16-2-9-18W4  
Depth (m): 1042.0 - 1043.0



# 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: L02488

GSC Catalog No: C-558682

Acquisition Date: 1998-06-10

Location: 16-2-9-18W4

UWI: 100160200918W400

Upper Depth (m): 1042.0

Lower Depth (m): 1043.0

Fraction: saturate

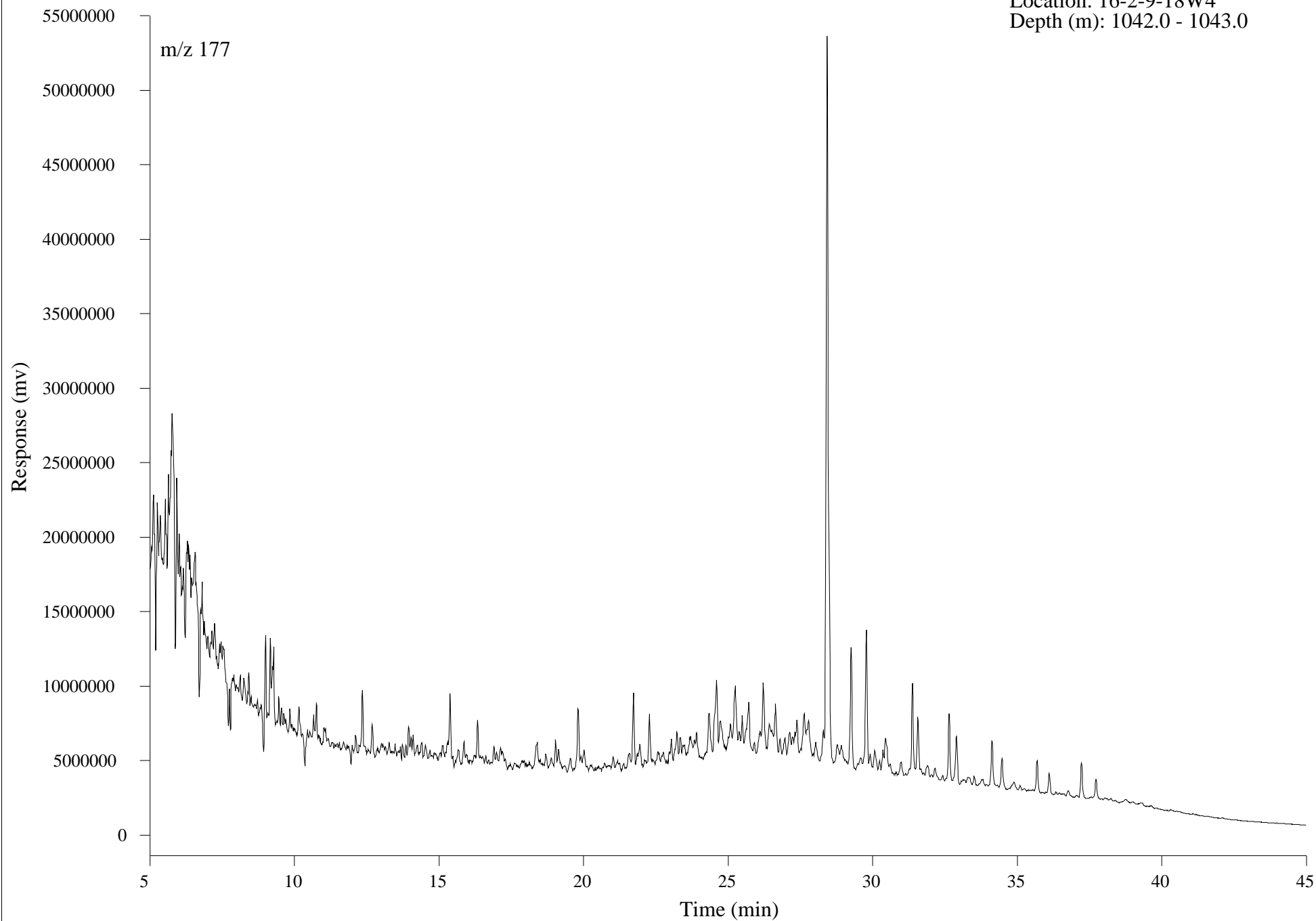
Instrument: HP 5890 GC/VG70SQ MS

MS Mode: Selected Ion Monitoring + EI

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

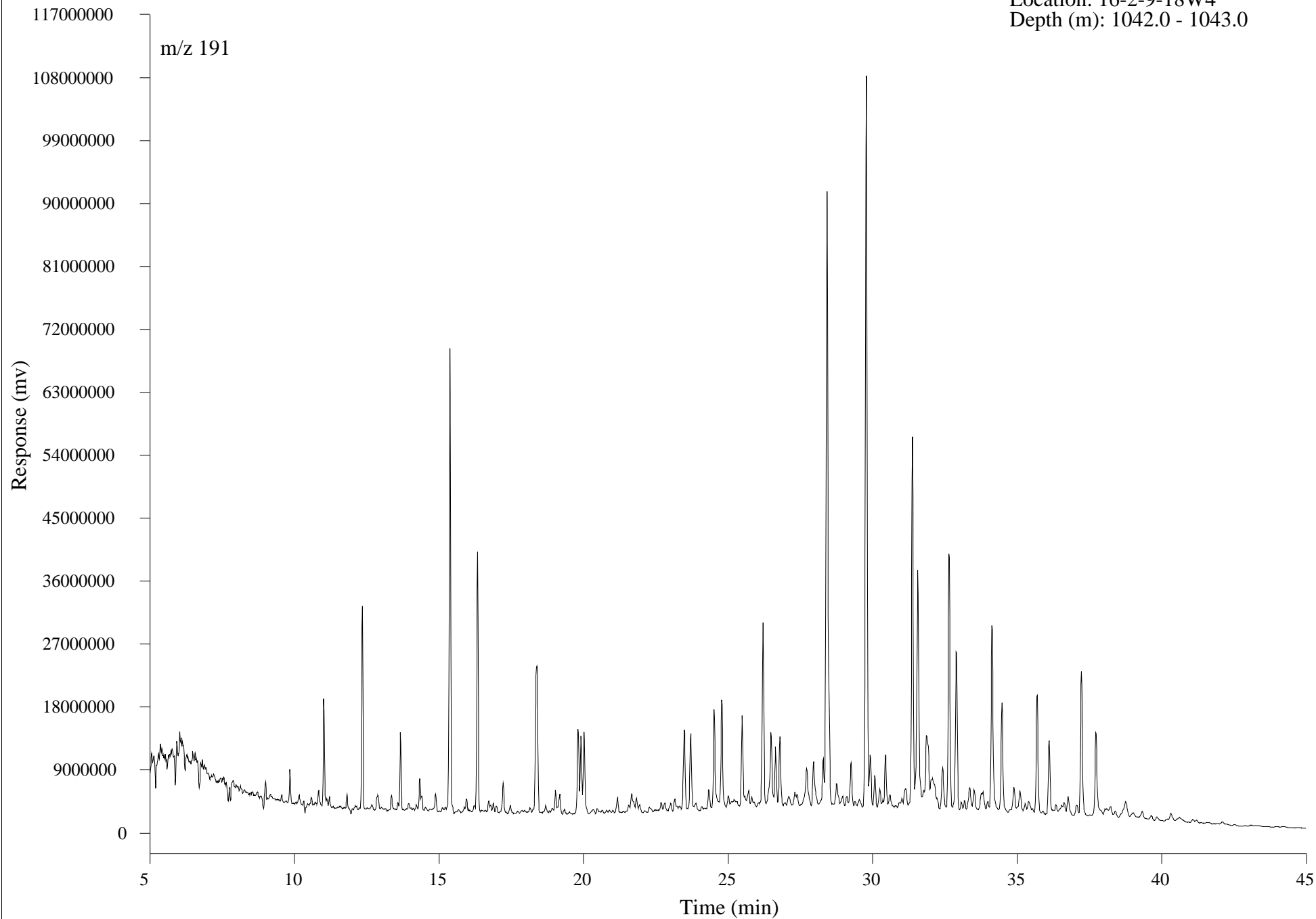
# Saturated Hydrocarbons Mass Chromatogram

Lab Id: L02488  
GSC No: C-558682  
Location: 16-2-9-18W4  
Depth (m): 1042.0 - 1043.0



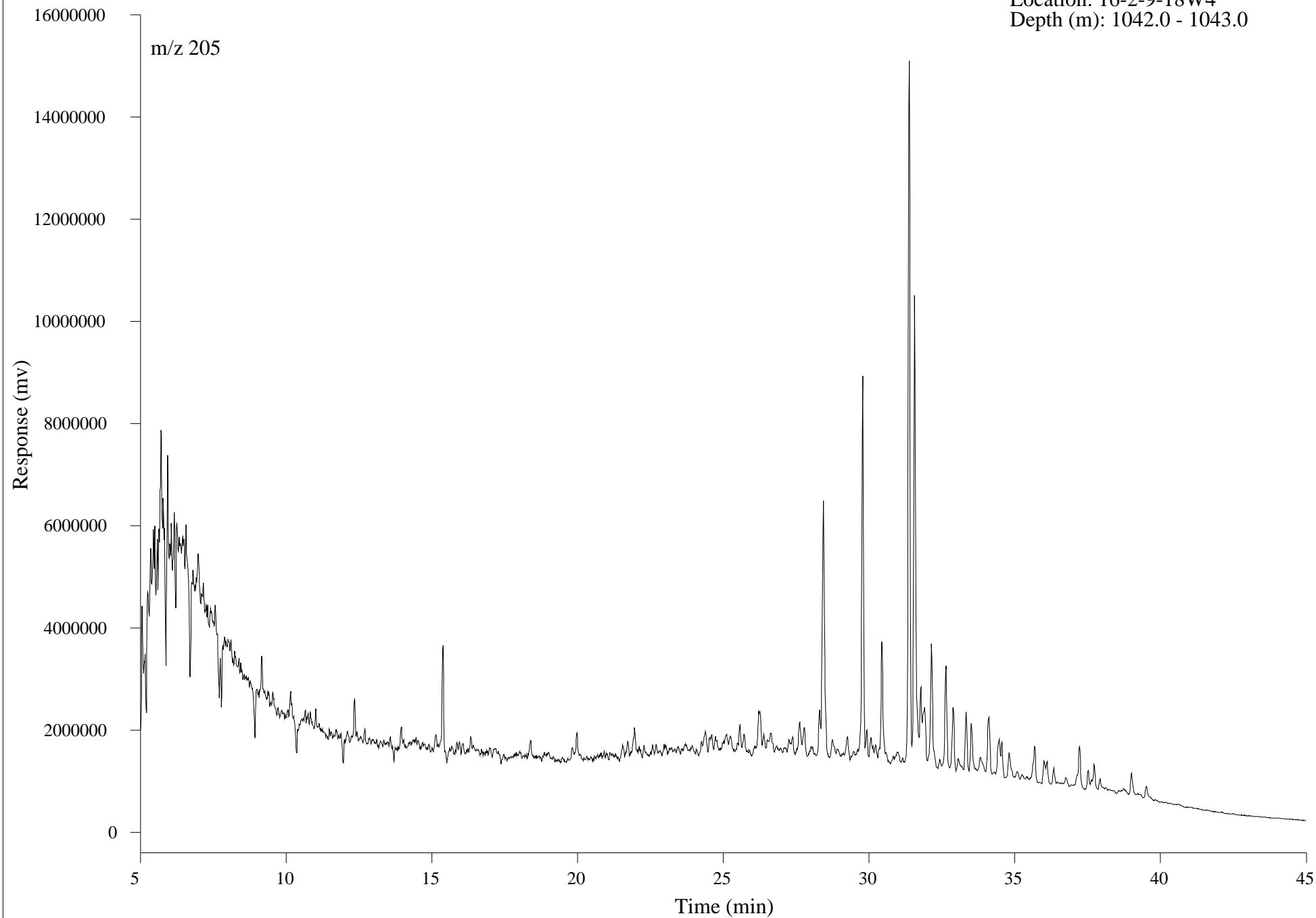
# Saturated Hydrocarbons Mass Chromatogram

Lab Id: L02488  
GSC No: C-558682  
Location: 16-2-9-18W4  
Depth (m): 1042.0 - 1043.0



# Saturated Hydrocarbons Mass Chromatogram

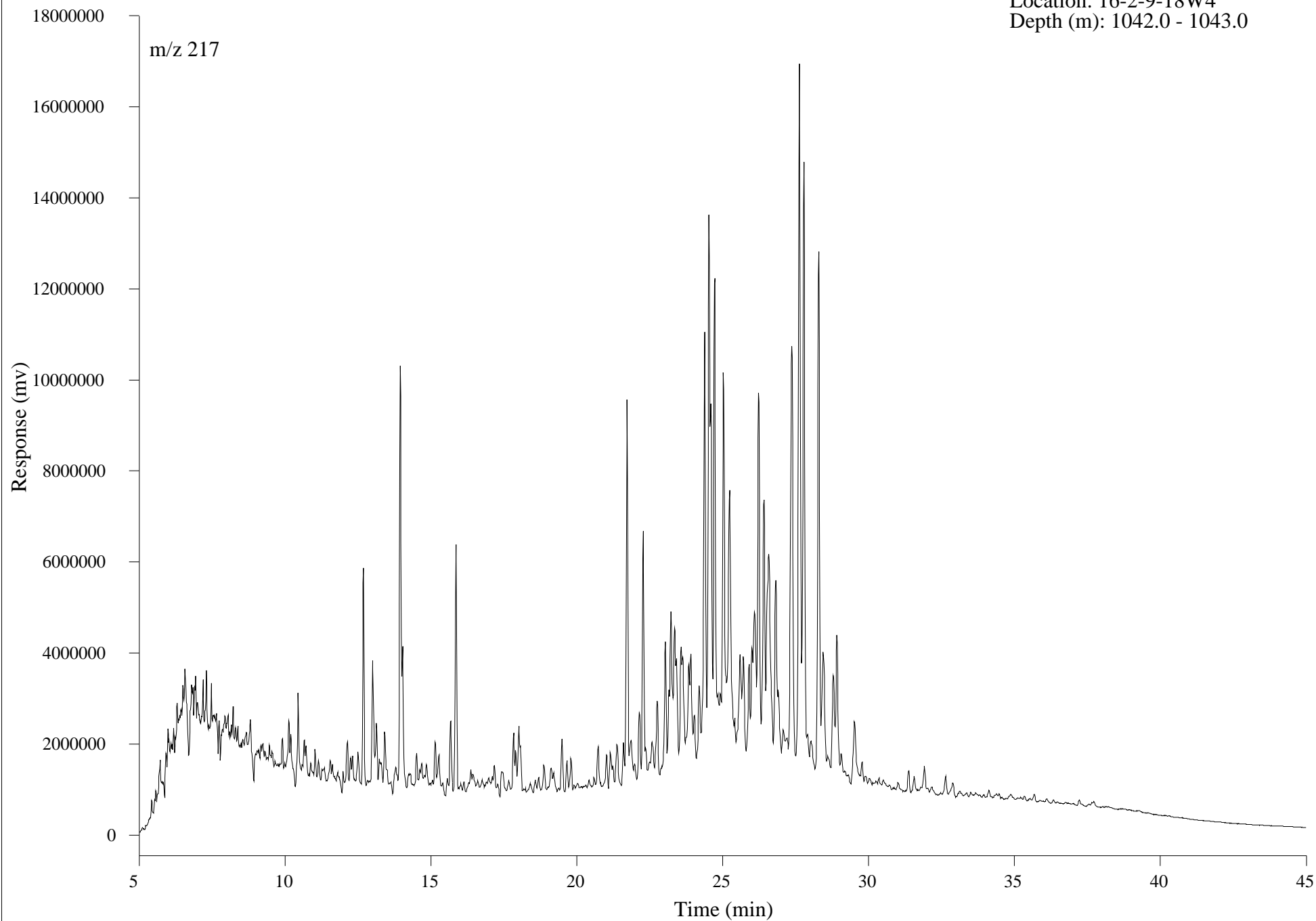
Lab Id: L02488  
GSC No: C-558682  
Location: 16-2-9-18W4  
Depth (m): 1042.0 - 1043.0





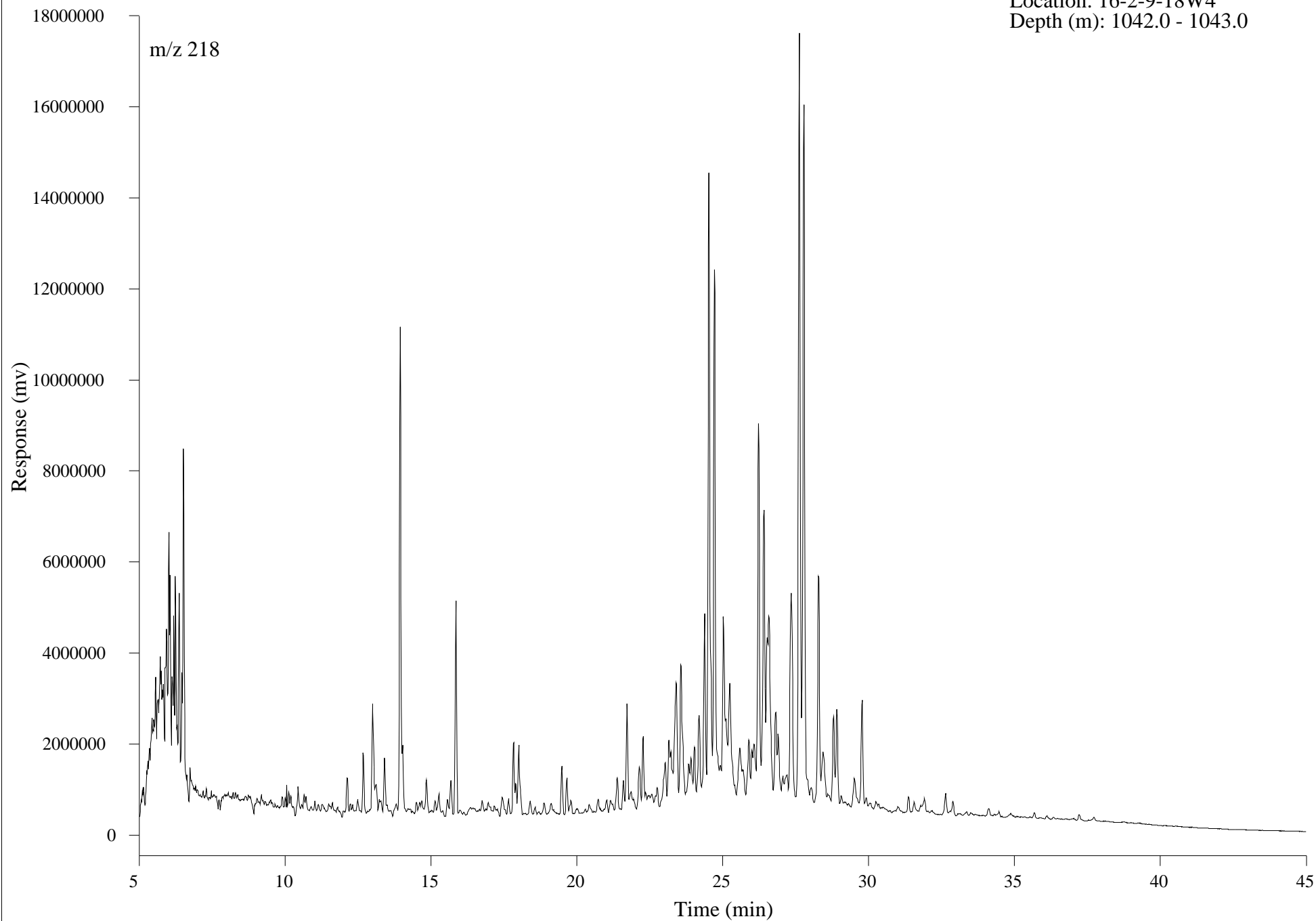
# Saturated Hydrocarbons Mass Chromatogram

Lab Id: L02488  
GSC No: C-558682  
Location: 16-2-9-18W4  
Depth (m): 1042.0 - 1043.0



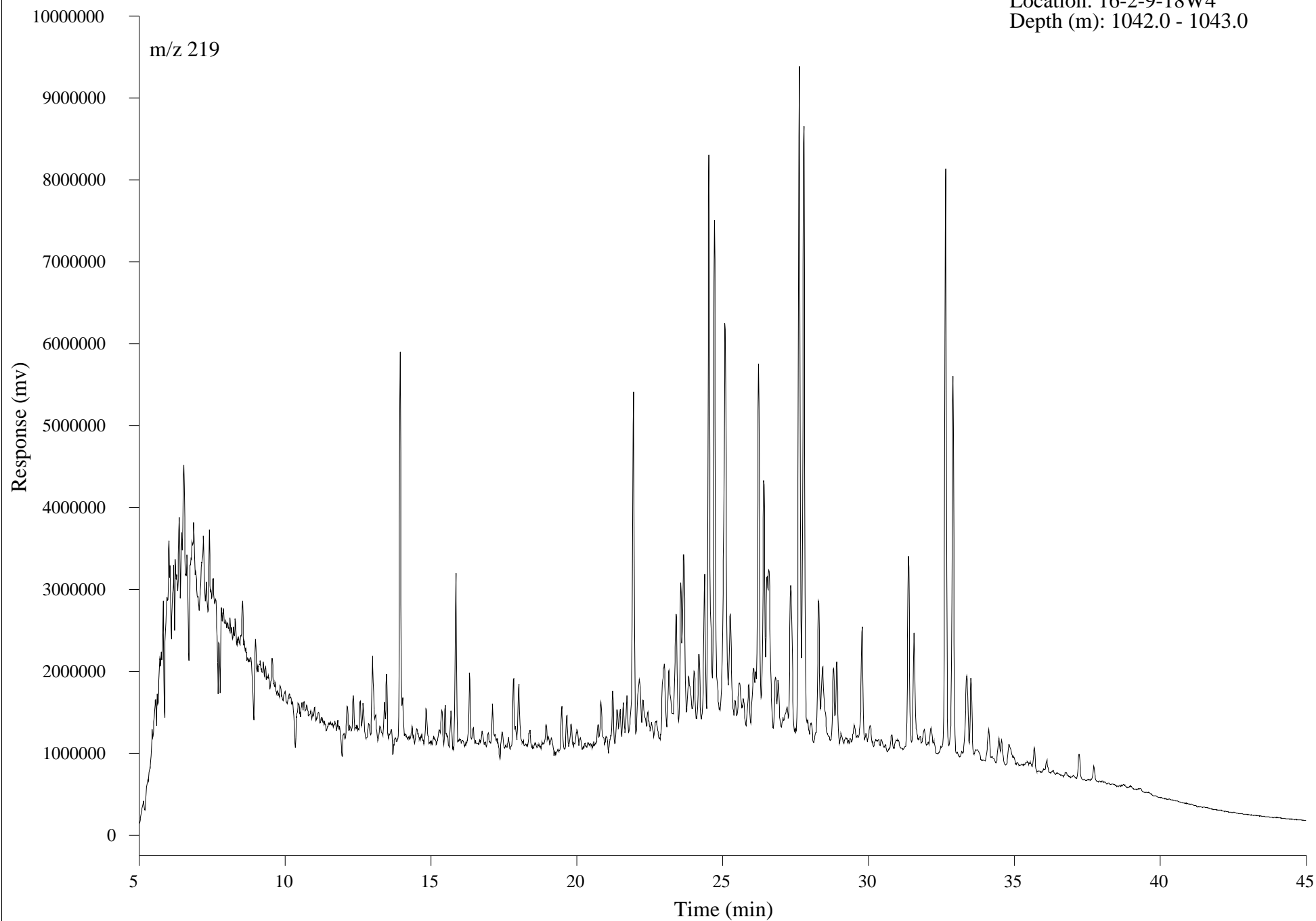
# Saturated Hydrocarbons Mass Chromatogram

Lab Id: L02488  
GSC No: C-558682  
Location: 16-2-9-18W4  
Depth (m): 1042.0 - 1043.0



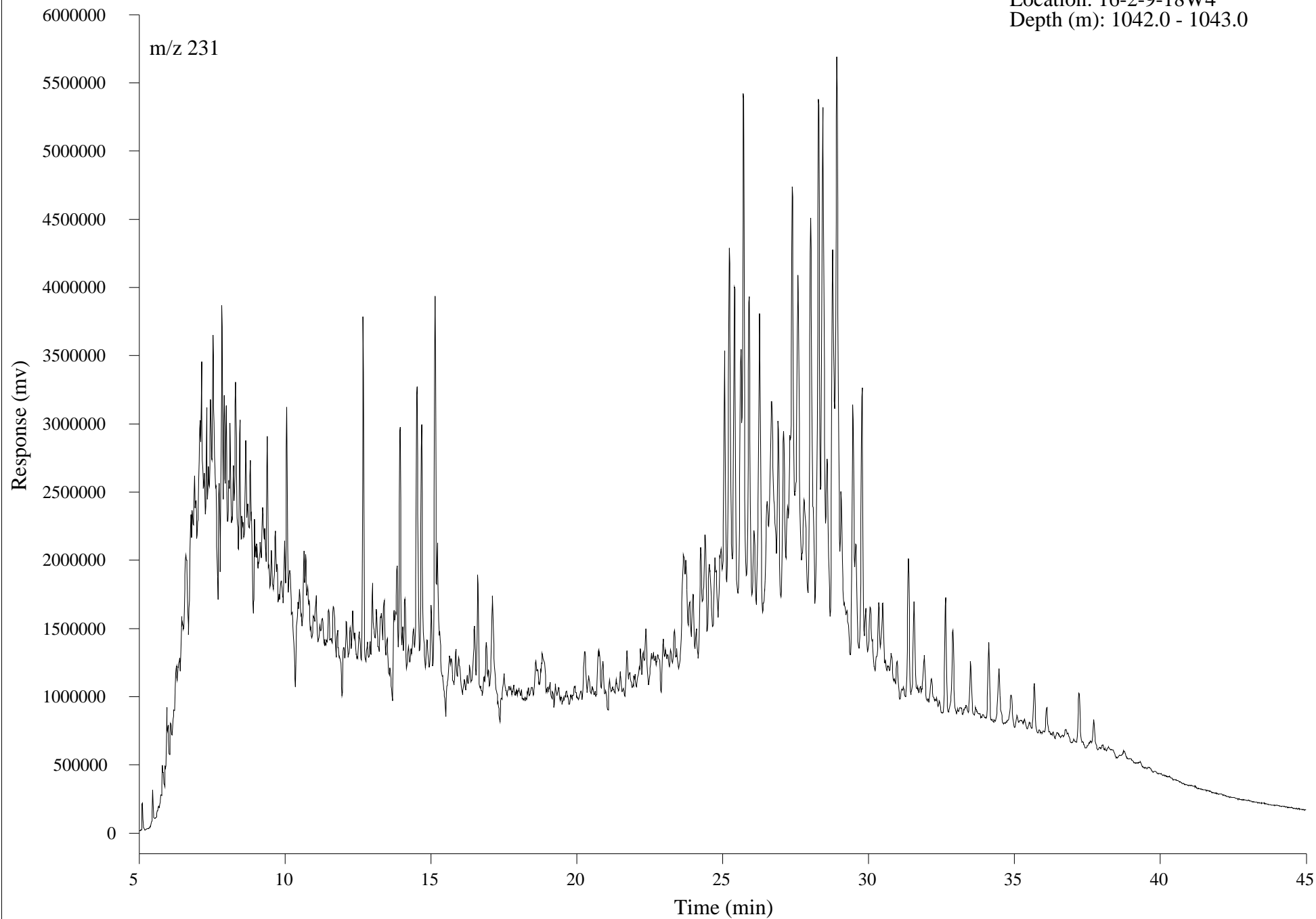
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Lab Id: L02488  
GSC No: C-558682  
Location: 16-2-9-18W4  
Depth (m): 1042.0 - 1043.0



# Saturated Hydrocarbons Mass Chromatogram

Lab Id: L02488  
GSC No: C-558682  
Location: 16-2-9-18W4  
Depth (m): 1042.0 - 1043.0



# Saturated Hydrocarbons Mass Chromatogram

Lab Id: L02488  
GSC No: C-558682  
Location: 16-2-9-18W4  
Depth (m): 1042.0 - 1043.0

