

# 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: L02008

GSC Catalog No: C-558584

Acquisition Date: 1995-05-24

Location: 12-19-13-12W4

UWI: 100121901312W400

Upper Depth (m): 942.0

Lower Depth (m): 946.0

Fraction: gasoline

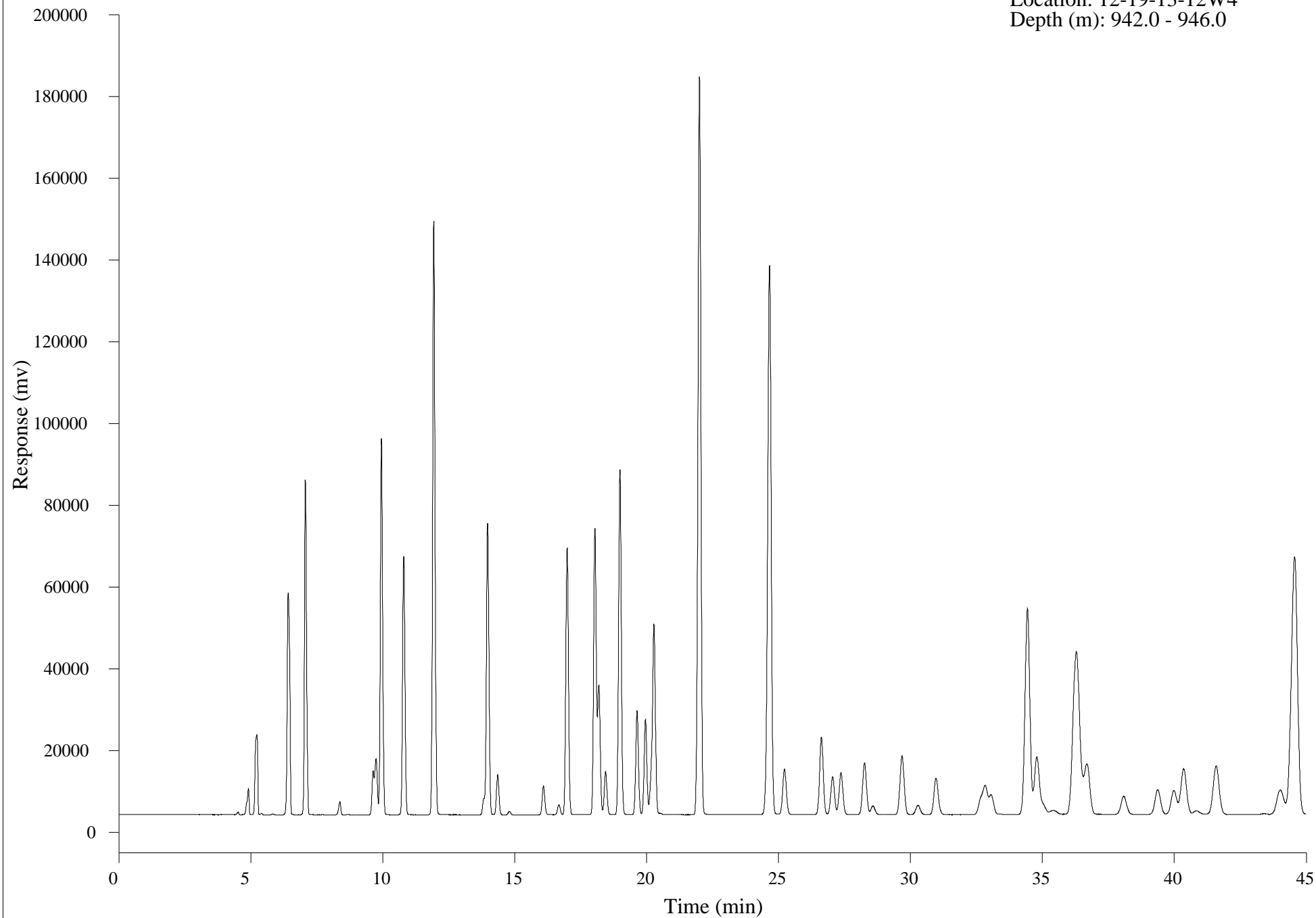
Instrument: HP 5890 GC

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

Time	Compound Name	Area	Height
6.42	iC5	370681.00	54374.84
7.07	nC5	434327.00	81955.07
8.38	22DMC4	18515.00	3265.70
9.64	CYC5	57757.00	10864.64
9.75	23DMC4	93901.00	13687.16
9.95	2MC5	554905.00	92170.37
10.80	3MC5	393467.00	63281.42
11.94	nC6	899462.00	145049.09
13.87	22DMC5	27187.00	5451.54
13.98	MCYC5	483783.00	72256.00
14.36	24DMC5	64308.00	9870.23
14.81	223TMC4	5759.00	835.64
16.10	BEN	49643.00	7070.71
16.68	33DMC5	17198.00	2459.72
16.99	CYC6	455411.00	65163.74
18.04	2MC6	490957.00	70032.07
18.19	23DMC5	208481.00	31652.51
18.45	11DMCYC5	75761.00	10493.37
18.99	3MC6	590888.00	84262.96
19.64	1c3DMCYC5	181524.00	25423.49
19.96	1t3DMCYC5	168144.00	23323.65
20.28	1t2DMCYC5	395745.00	46488.66
22.01	nC7	1384495.00	180495.43
24.66	MCYC6	1238504.00	134255.93
25.23	22DMC6	105981.00	11055.73
26.63	ECYC5	181529.00	19010.12
27.05	25DMC6	91340.00	9311.40
27.37	24DMC6	102781.00	10228.41
28.26	223TMC5	134339.00	12648.89
30.29	234TMC5	27006.00	2314.05
30.97	TOL	102917.00	8913.36
34.44	2MC7	639185.00	50224.72
36.69	3MC7	182259.00	12372.82
44.02	1c4DMCYC6	107740.00	5971.27
44.56	nC8	1043504.00	62963.17

# Gasoline Gas Chromatogram

Lab Id: L02008  
GSC No: C-558584  
Location: 12-19-13-12W4  
Depth (m): 942.0 - 946.0



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## Organic Geochemistry Laboratory, Geological Survey of Canada - Calgary

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Sample ID: L02008

GSC Catalog No: C-558584

Acquisition Date: 1996-08-15

Location: 12-19-13-12W4

UWI: 100121901312W400

Upper Depth (m): 942.0

Lower Depth (m): 946.0

Fraction: saturate

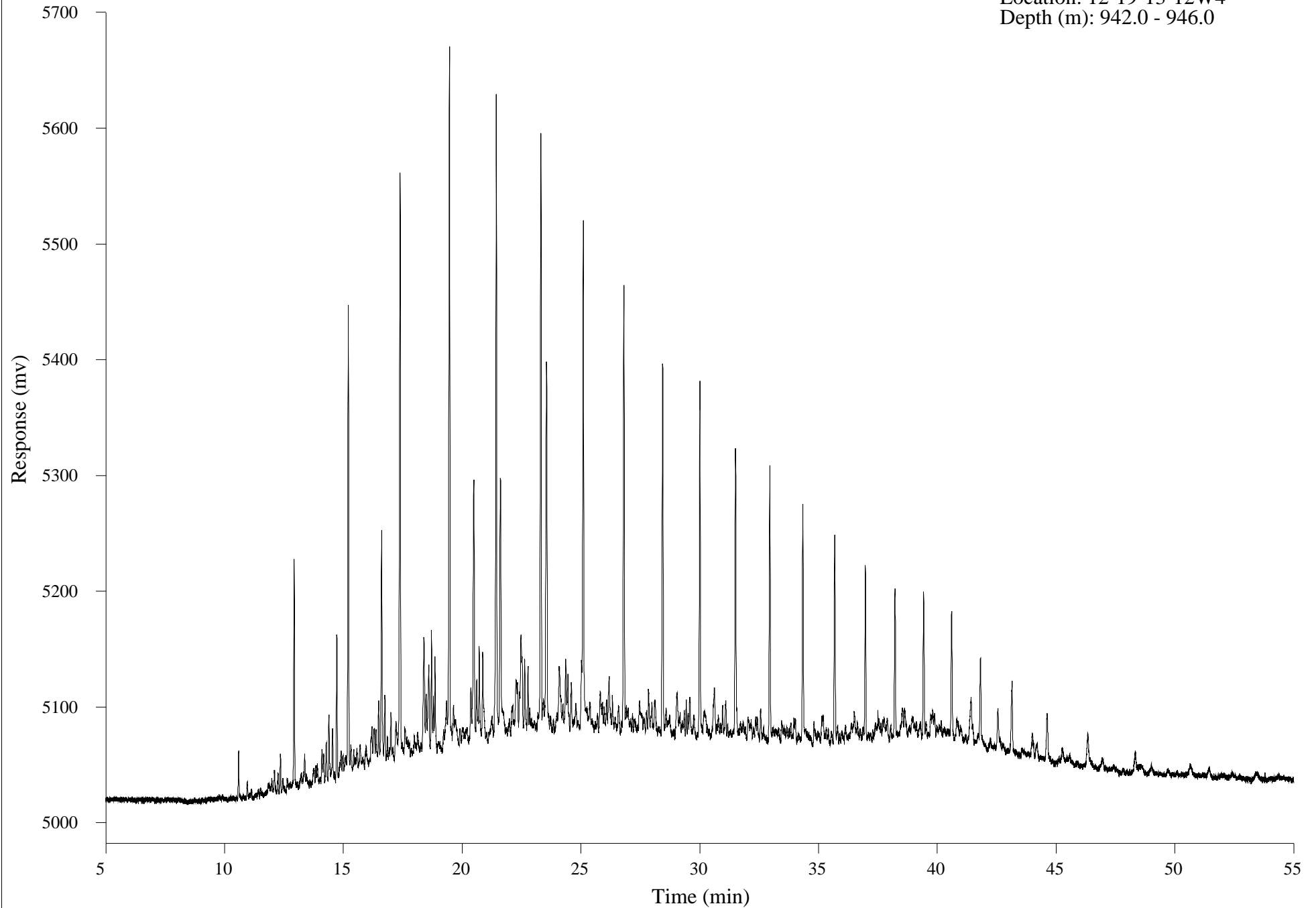
Instrument: Varian 3800 GC

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

Time	Compound Name	Area	Height
12.93	C13	495.65	197.51
15.21	C14	1017.70	391.76
17.39	C15	1393.34	502.67
19.47	C16	1580.32	588.01
21.44	C17	1546.20	548.79
21.62	Pr	669.07	206.31
23.32	C18	1357.19	508.27
23.55	Ph	1039.90	306.20
25.10	C19	1328.53	428.04
26.81	C20	1084.31	373.16
28.44	C21	921.09	319.49
30.01	C22	838.28	307.46
31.51	C23	756.08	244.51
32.96	C24	666.07	237.80
34.35	C25	557.46	203.76
35.69	C26	533.75	177.48
36.98	C27	407.44	148.25
38.22	C28	387.04	127.90
39.43	C29	364.84	123.28
40.61	C30	362.74	109.59
41.82	C31	230.42	71.04
43.15	C32	240.62	61.76

# Saturated Hydrocarbons Gas Chromatogram

Lab Id: L02008  
GSC No: C-558584  
Location: 12-19-13-12W4  
Depth (m): 942.0 - 946.0



# 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

For data reference, general terms and conditions go to <http://open.canada.ca/en/open-government-licence-canada/>

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Sample ID: L02008

GSC Catalog No: C-558584

Acquisition Date: 1997-01-09

Location: 12-19-13-12W4

UWI: 100121901312W400

Upper Depth (m): 942.0

Lower Depth (m): 946.0

Fraction: saturate

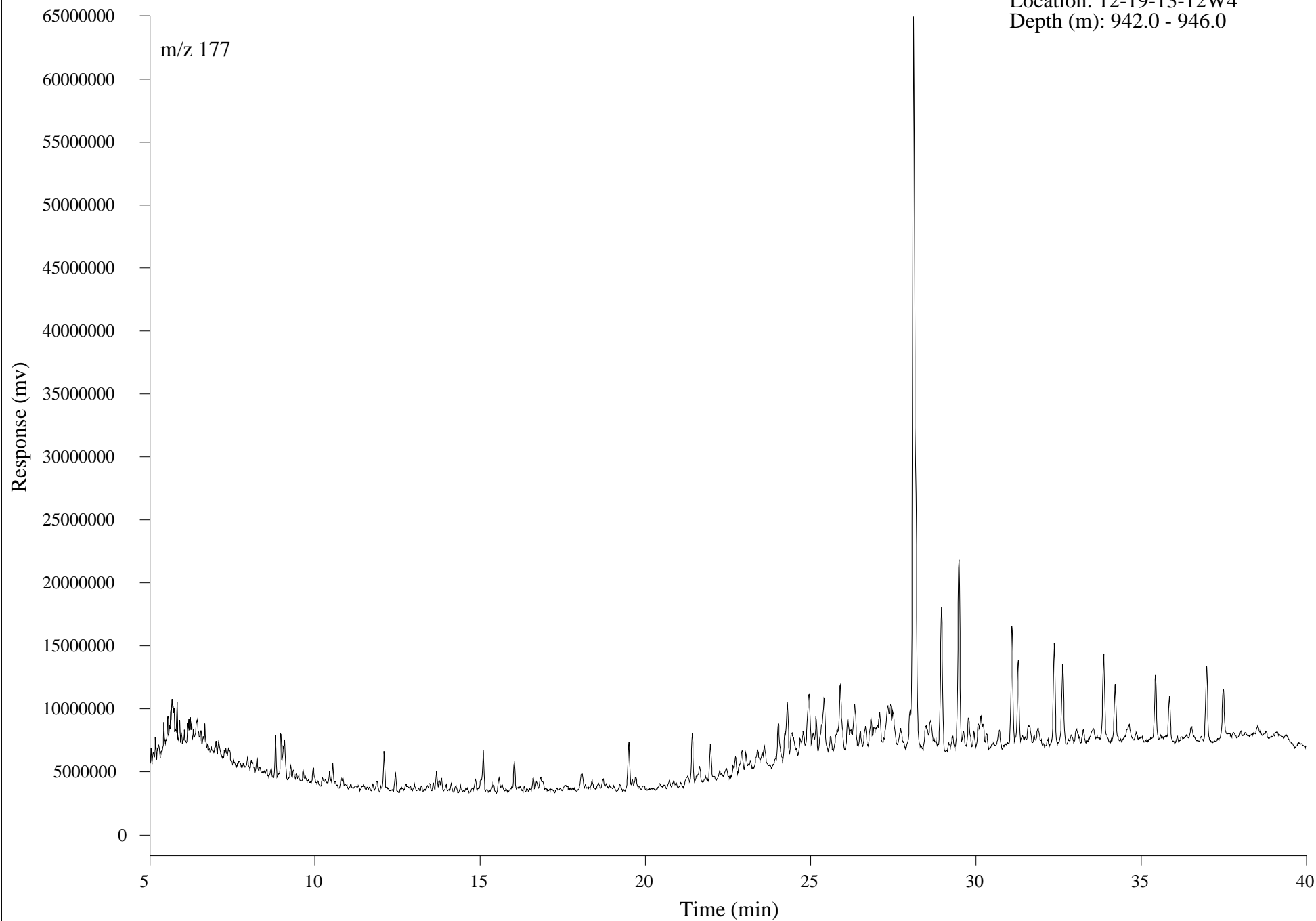
Instrument: HP 5890 GC/VG70SQ MS

MS Mode: Selected Ion Monitoring + EI

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

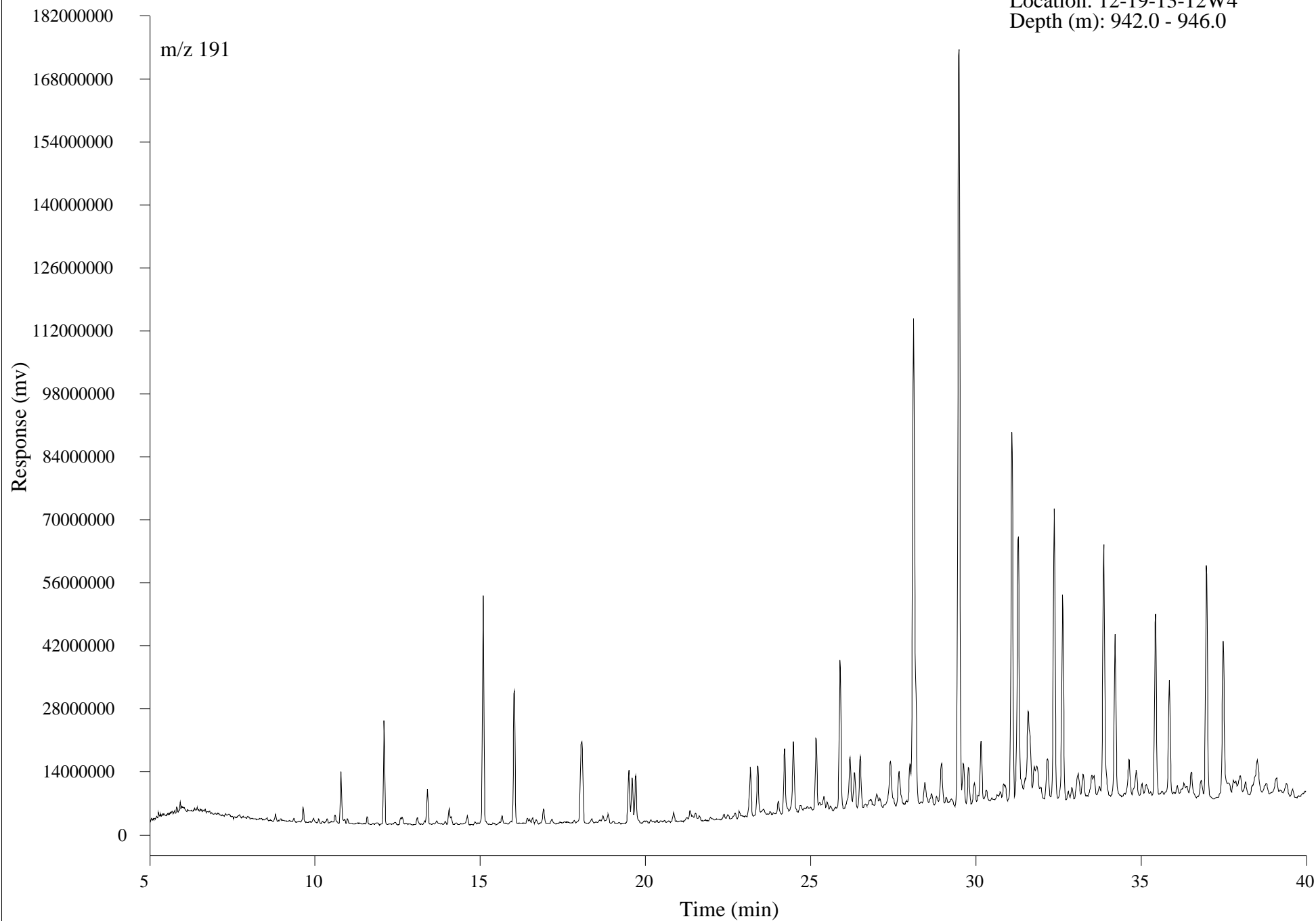
# Saturated Hydrocarbons Mass Chromatogram

Lab Id: L02008  
GSC No: C-558584  
Location: 12-19-13-12W4  
Depth (m): 942.0 - 946.0



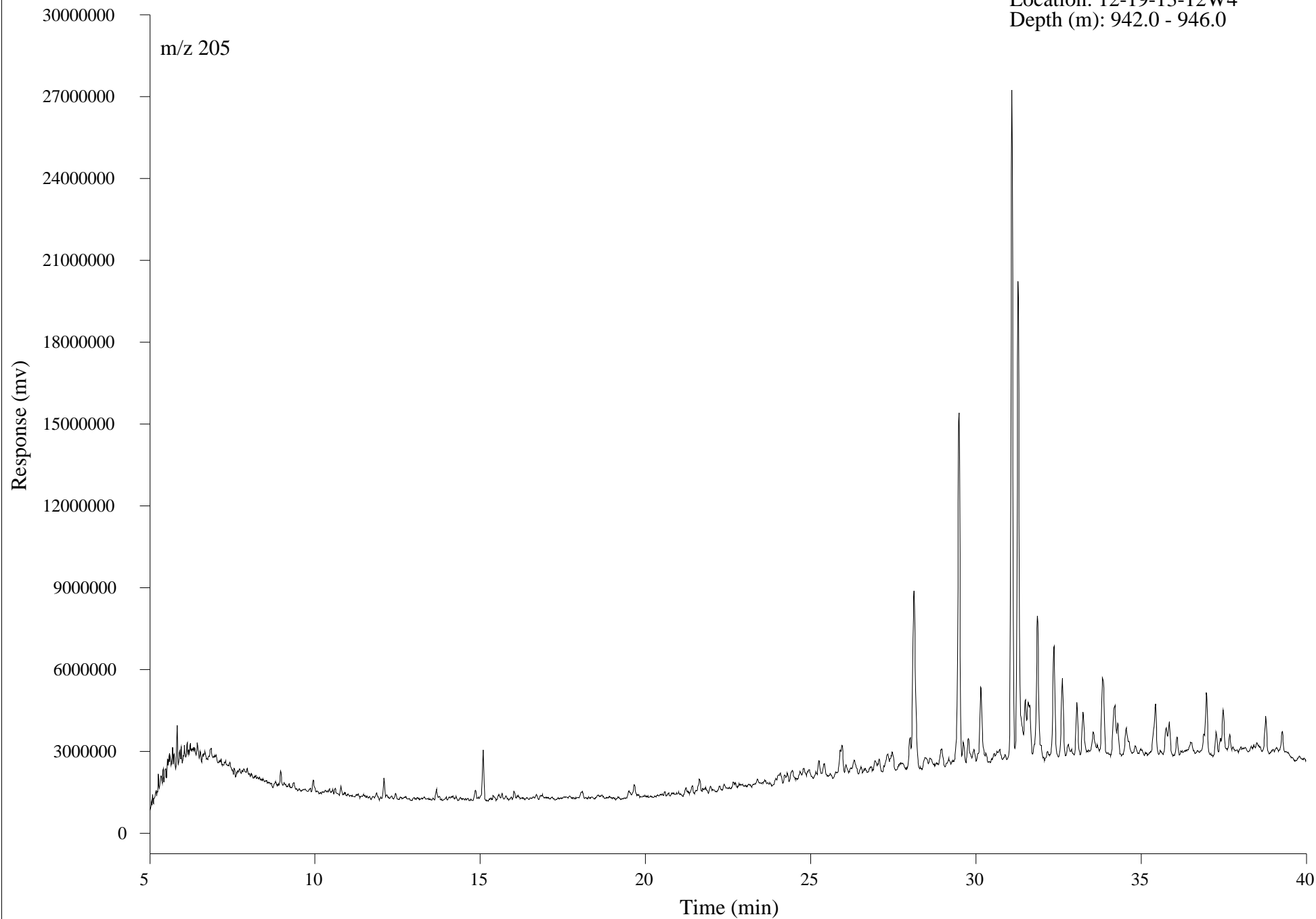
# Saturated Hydrocarbons Mass Chromatogram

Lab Id: L02008  
GSC No: C-558584  
Location: 12-19-13-12W4  
Depth (m): 942.0 - 946.0



# Saturated Hydrocarbons Mass Chromatogram

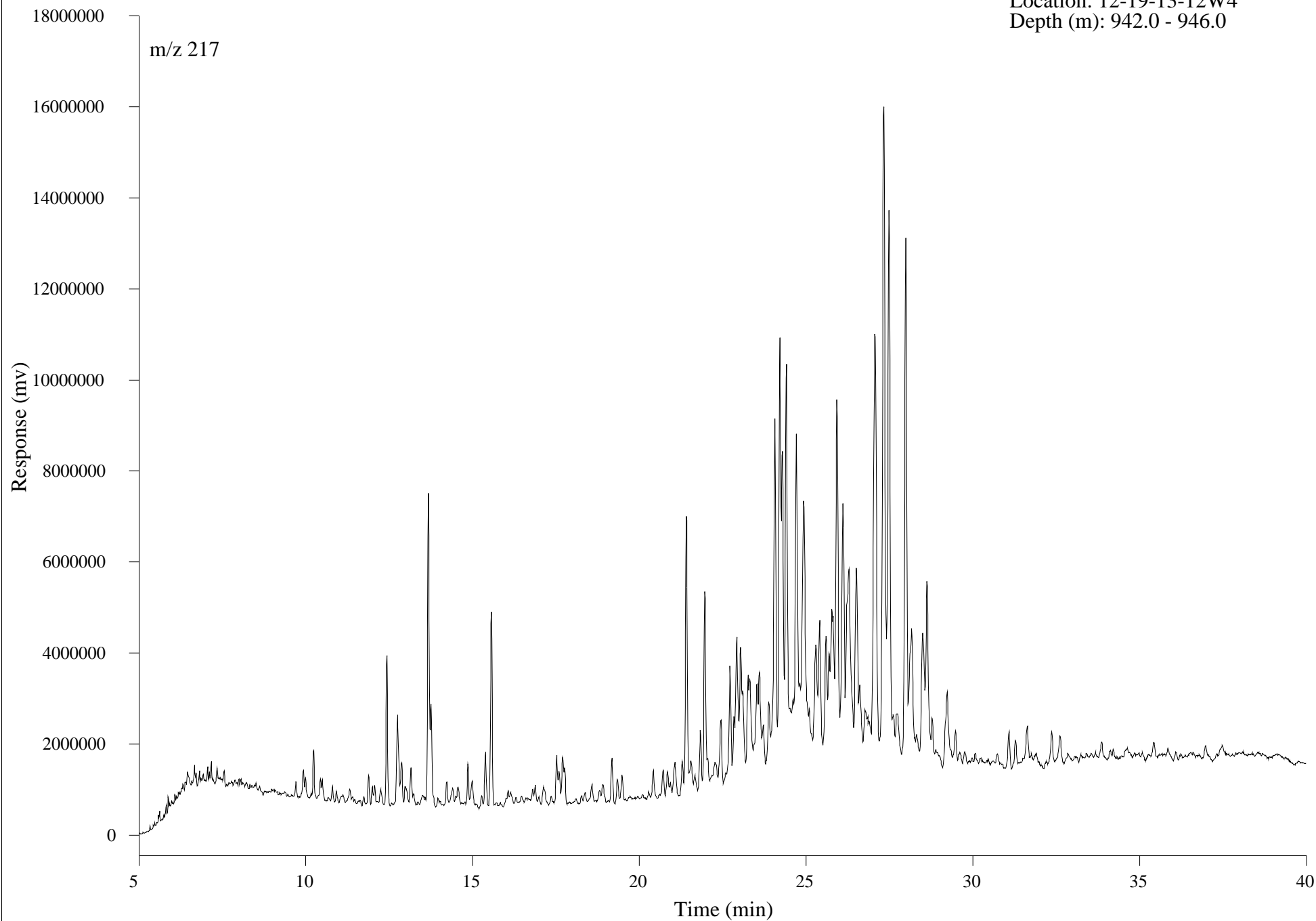
Lab Id: L02008  
GSC No: C-558584  
Location: 12-19-13-12W4  
Depth (m): 942.0 - 946.0





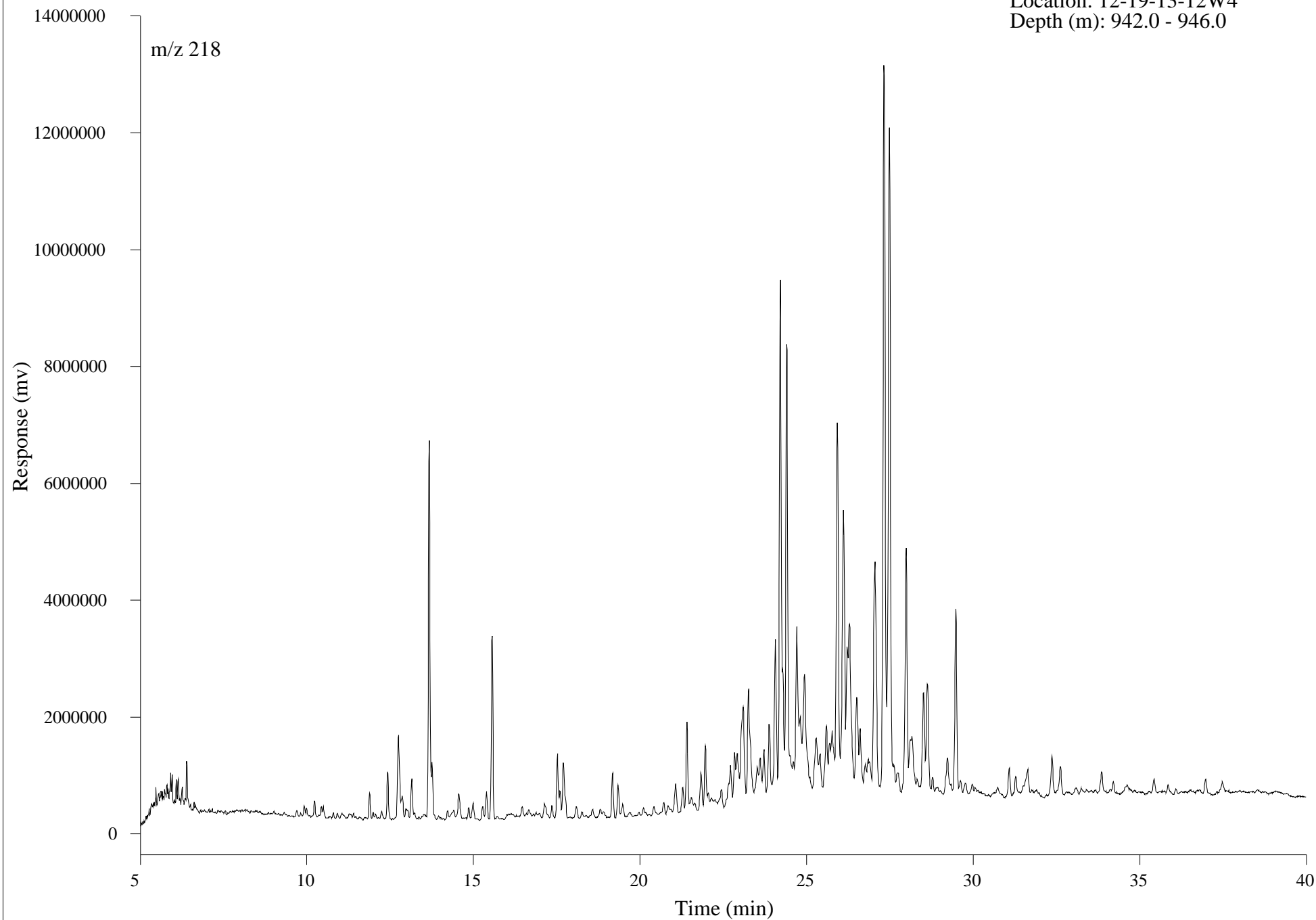
# Saturated Hydrocarbons Mass Chromatogram

Lab Id: L02008  
GSC No: C-558584  
Location: 12-19-13-12W4  
Depth (m): 942.0 - 946.0



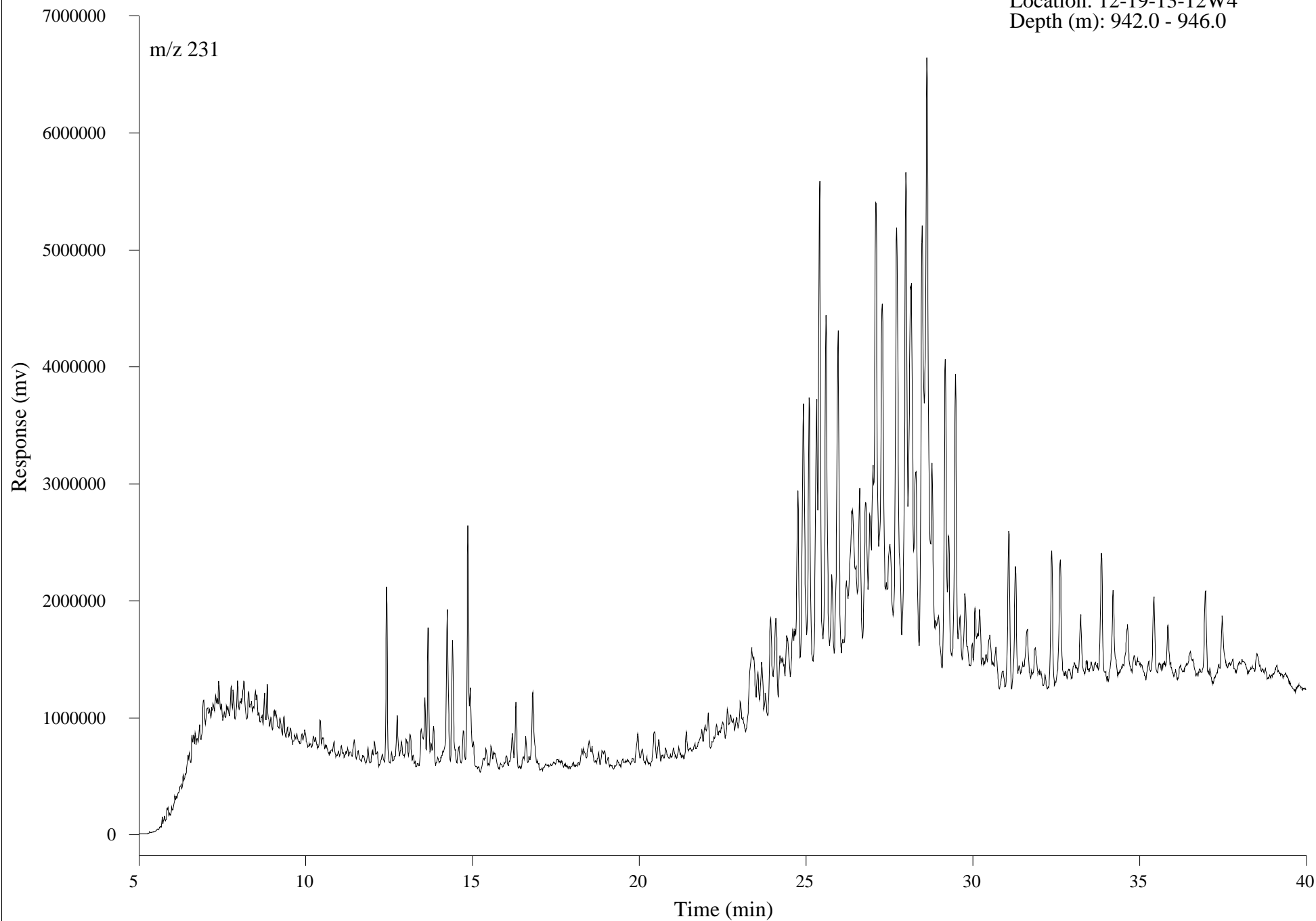
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