

# 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/>  
Copyright of Her Majesty the Queen in Right of Canada, 1996.

Sample ID: L02128

GSC Catalog No: C-558657

Acquisition Date: 1996-05-06

Location: 12-13-5-5W4

UWI: 100121300505W400

Upper Depth (m): 1122.5

Lower Depth (m): 1130.0

Fraction: gasoline

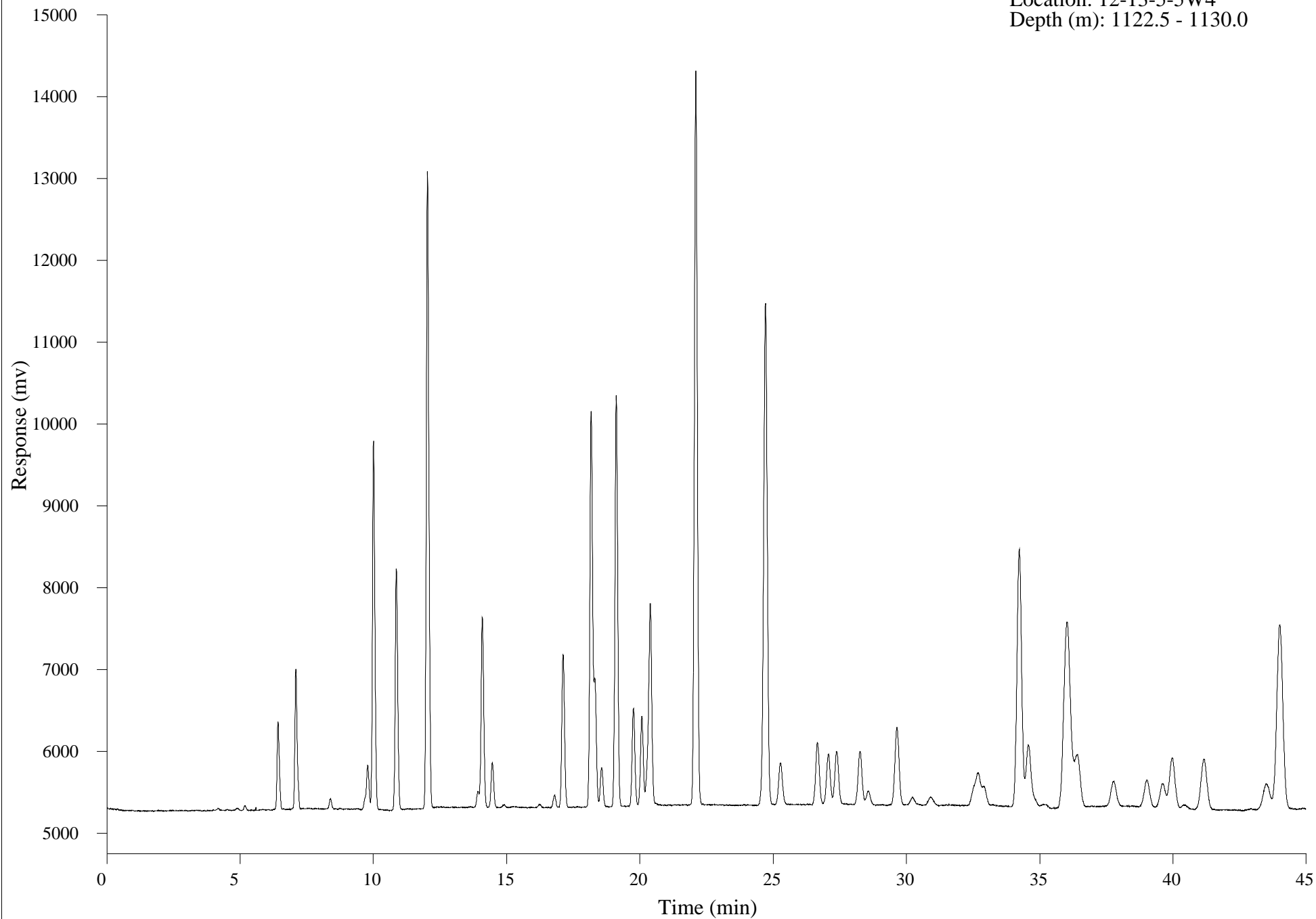
Instrument: HP 5890 GC

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

Time	Compound Name	Area	Height
6.43	iC5	6345.00	1076.44
7.09	nC5	10016.00	1706.20
8.39	22DMC4	724.00	121.24
9.71	CYC5	882.00	190.44
9.79	23DMC4	3458.00	535.60
10.01	2MC5	27355.00	4458.93
10.86	3MC5	18921.00	2951.54
12.03	nC6	51995.00	7786.09
13.93	22DMC5	1119.00	196.62
14.09	MCYC5	15969.00	2321.18
14.47	24DMC5	3718.00	546.20
14.90	223TMC4	120.00	23.71
16.23	BEN	58.00	17.61
16.80	33DMC5	1008.00	150.07
17.12	CYC6	13349.00	1864.49
18.17	2MC6	35582.00	4835.20
18.31	23DMC5	8749.00	1570.04
18.56	11DMCYC5	3517.00	475.09
19.12	3MC6	35755.00	5020.36
19.76	1c3DMCYC5	8645.00	1193.21
20.08	1t3DMCYC5	7819.00	1077.72
20.39	1t2DMCYC5	20979.00	2444.38
22.10	nC7	69375.00	8972.75
24.71	MCYC6	57587.00	6132.27
25.28	22DMC6	4906.00	503.77
26.66	ECYC5	7202.00	756.45
27.08	25DMC6	6058.00	613.20
27.39	24DMC6	6405.00	643.12
28.26	223TMC5	6796.00	653.15
30.24	234TMC5	887.00	86.88
30.92	TOL	1271.00	98.66
34.24	2MC7	38678.00	3141.15
36.41	3MC7	8505.00	632.83
43.52	1c4DMCYC6	5679.00	316.39
44.01	nC8	36701.00	2260.55

# Gasoline Gas Chromatogram

Lab Id: L02128  
GSC No: C-558657  
Location: 12-13-5-5W4  
Depth (m): 1122.5 - 1130.0



# 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/>

Copyright of Her Majesty the Queen in Right of Canada, 1996.

Sample ID: L02128

GSC Catalog No: C-558657

Acquisition Date: 1996-10-29

Location: 12-13-5-5W4

UWI: 100121300505W400

Upper Depth (m): 1122.5

Lower Depth (m): 1130.0

Fraction: saturate

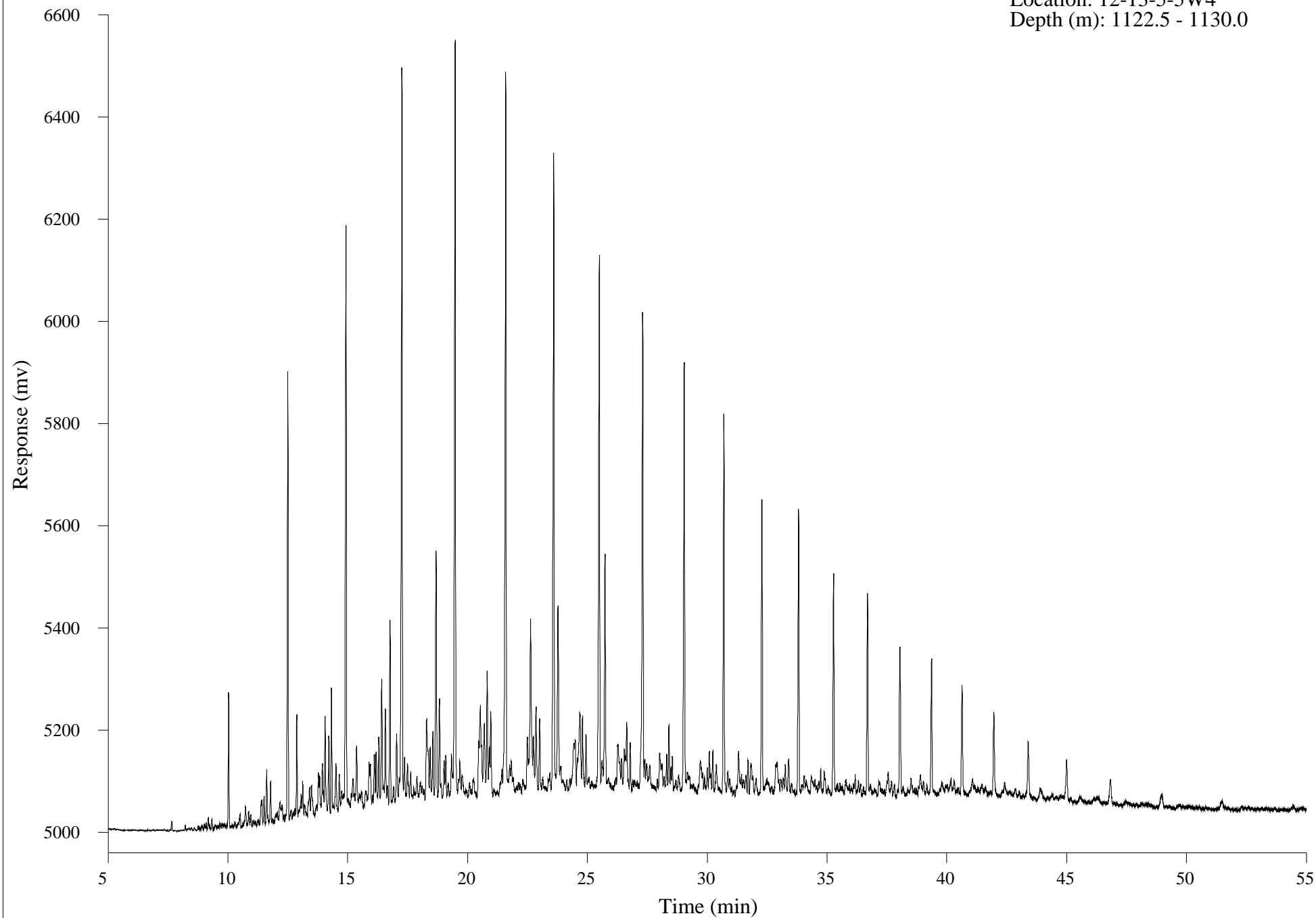
Instrument: Varian 3800 GC

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

Time	Compound Name	Area	Height
10.03	C11	587.46	262.46
12.50	C12	2155.42	873.68
14.93	C13	3394.05	1131.64
17.27	C14	4591.34	1446.57
19.48	C15	4633.24	1475.93
21.60	C16	4550.49	1409.27
23.60	C17	3803.17	1248.77
23.78	Pr	1134.57	337.36
25.50	C18	3401.51	1043.93
25.74	Ph	1375.29	450.96
27.31	C19	3084.59	935.02
29.05	C20	2484.55	819.21
30.70	C21	2102.46	742.13
32.29	C22	1804.68	579.09
33.82	C23	1550.11	555.05
35.28	C24	1330.33	430.63
36.69	C25	1088.51	394.78
38.05	C26	974.35	286.28
39.37	C27	826.73	261.72
40.64	C28	722.17	214.15
41.97	C29	576.21	160.41
43.40	C30	438.04	108.68
45.01	C31	349.53	80.89
46.83	C32	261.93	47.90

# Saturated Hydrocarbons Gas Chromatogram

Lab Id: L02128  
GSC No: C-558657  
Location: 12-13-5-5W4  
Depth (m): 1122.5 - 1130.0



# 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/>

Copyright of Her Majesty the Queen in Right of Canada, 1996.

Sample ID: L02128

GSC Catalog No: C-558657

Acquisition Date: 1996-11-18

Location: 12-13-5-5W4

UWI: 100121300505W400

Upper Depth (m): 1122.5

Lower Depth (m): 1130.0

Fraction: saturate

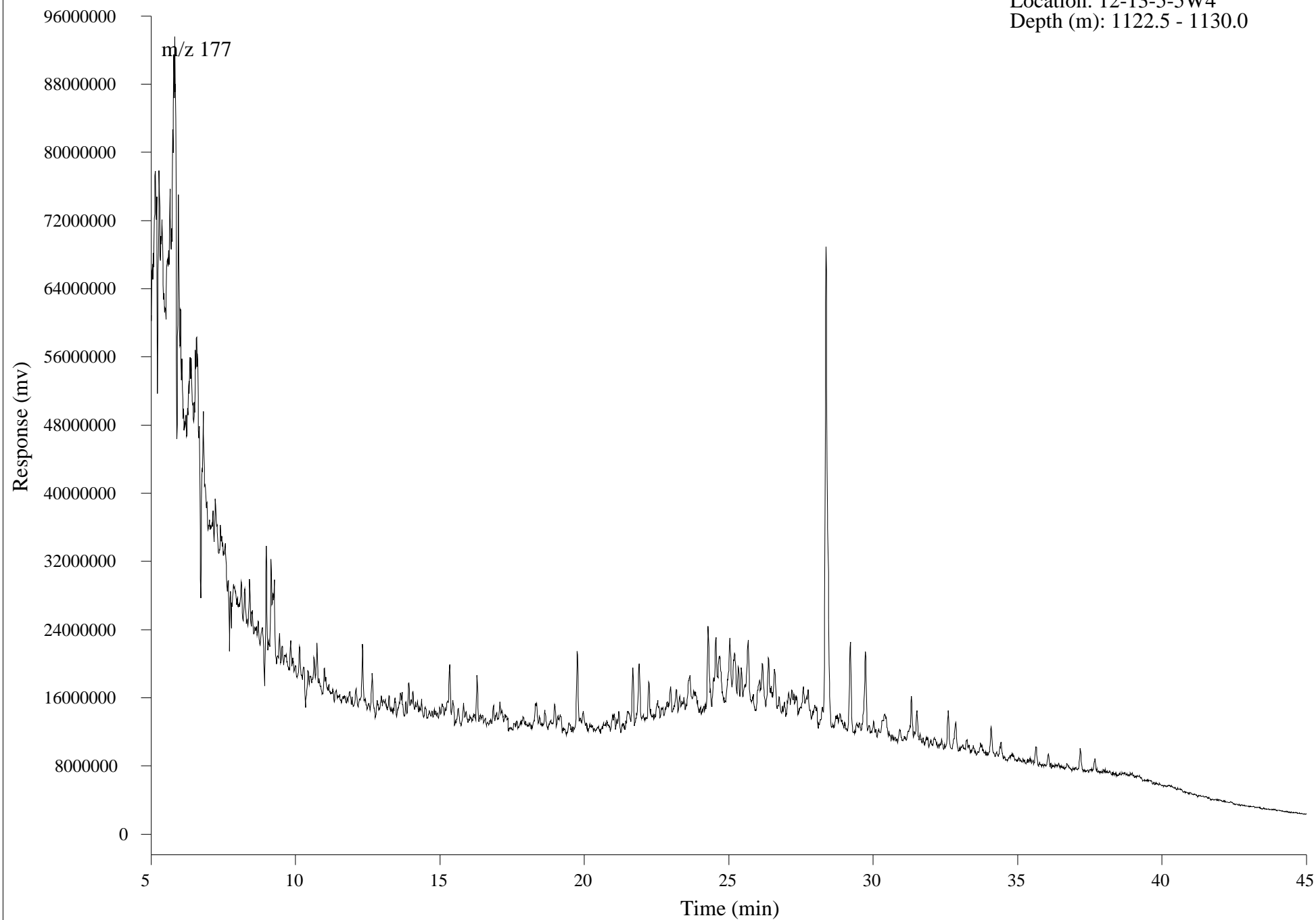
Instrument: HP 5890 GC/VG70SQ MS

MS Mode: Selected Ion Monitoring + EI

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

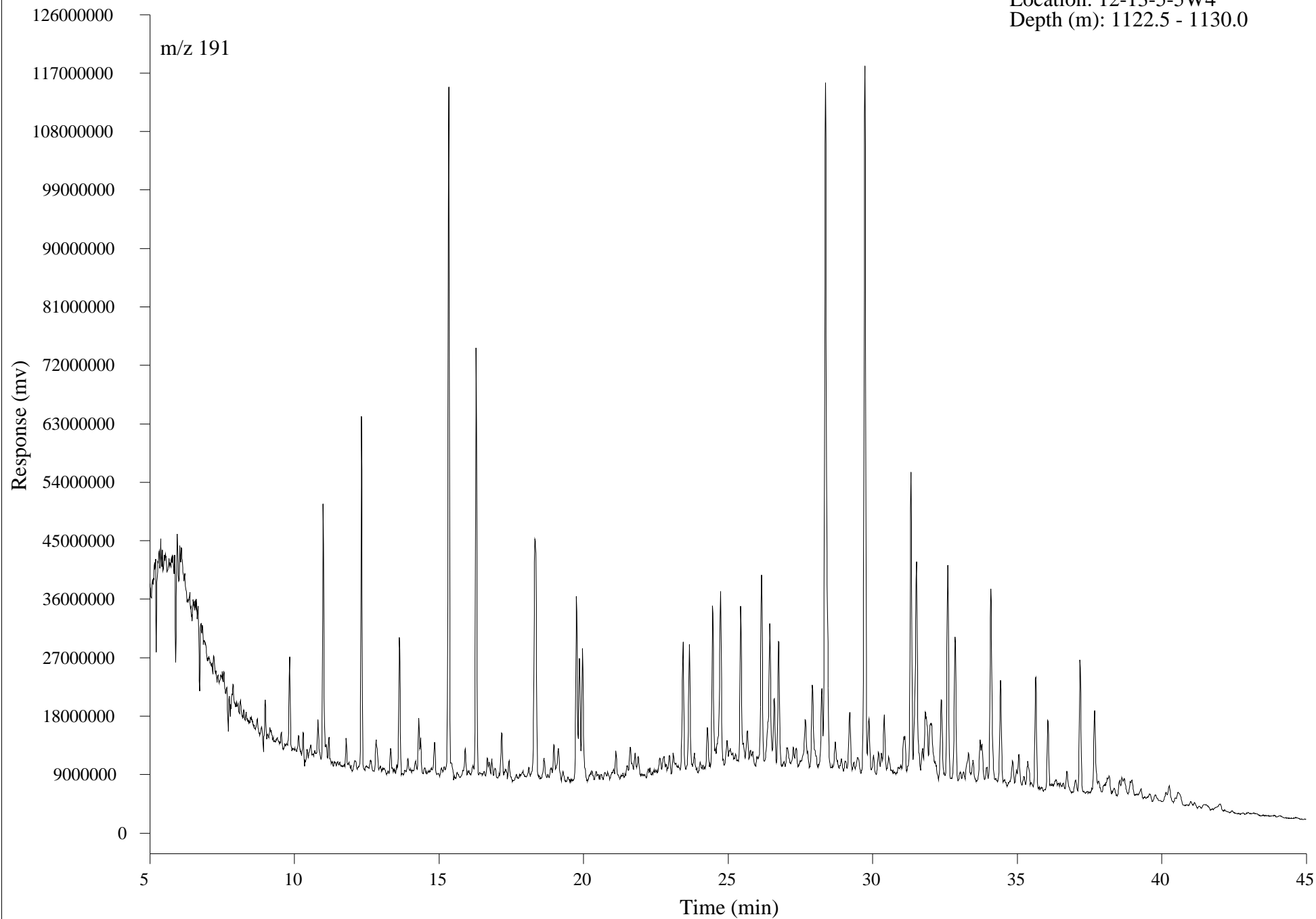
# Saturated Hydrocarbons Mass Chromatogram

Lab Id: L02128  
GSC No: C-558657  
Location: 12-13-5-5W4  
Depth (m): 1122.5 - 1130.0



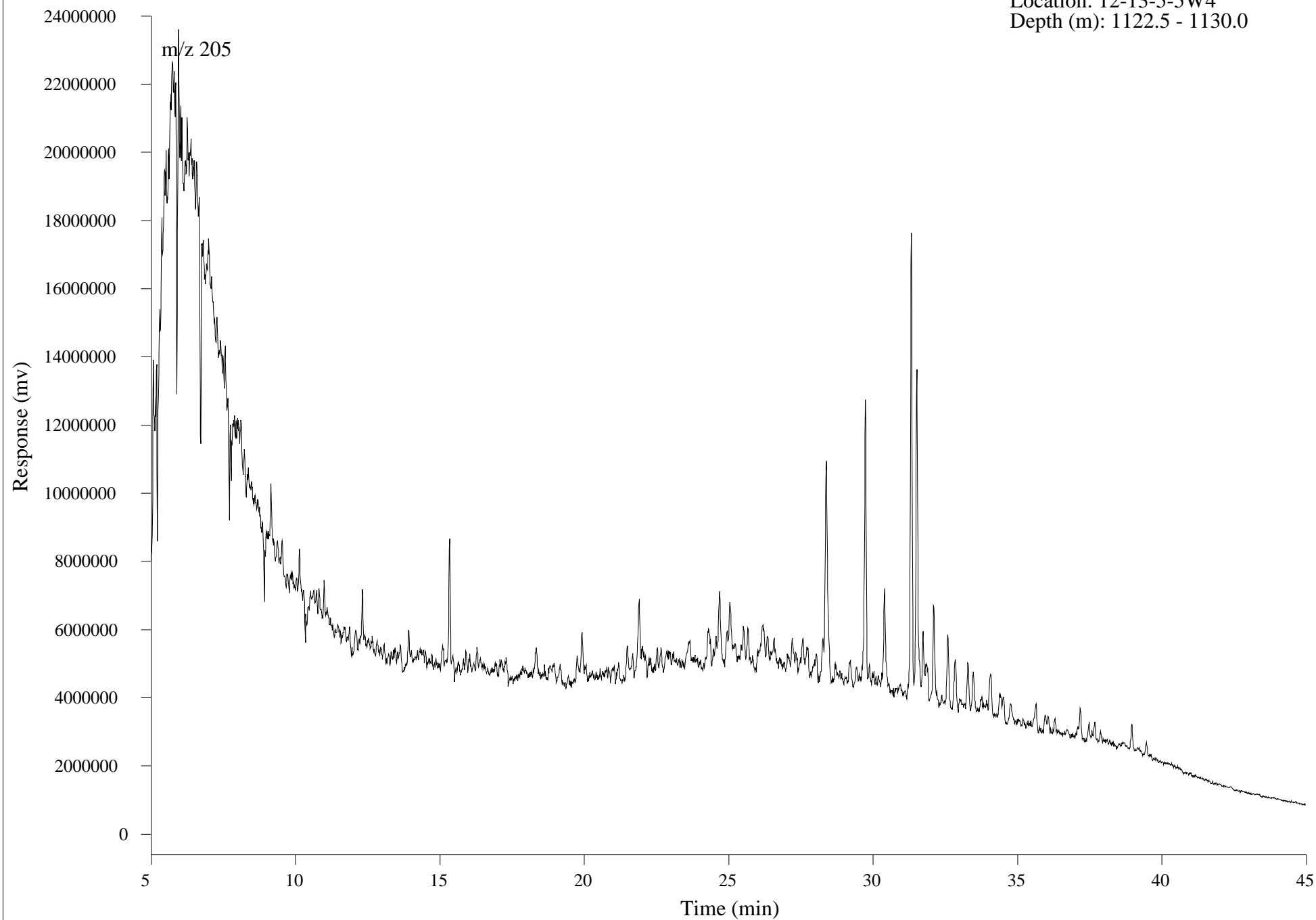
# Saturated Hydrocarbons Mass Chromatogram

Lab Id: L02128  
GSC No: C-558657  
Location: 12-13-5-5W4  
Depth (m): 1122.5 - 1130.0



# Saturated Hydrocarbons Mass Chromatogram

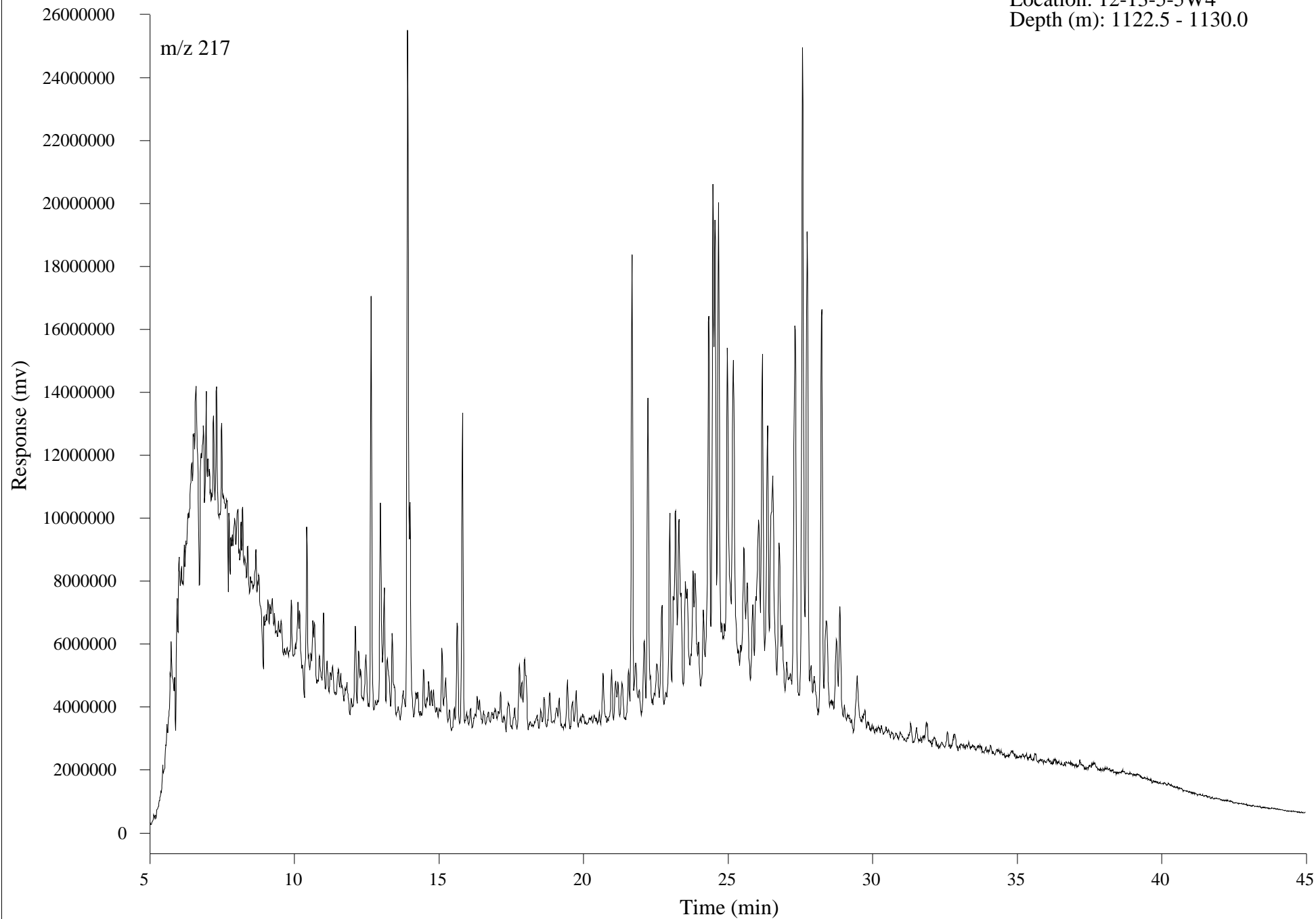
Lab Id: L02128  
GSC No: C-558657  
Location: 12-13-5-5W4  
Depth (m): 1122.5 - 1130.0





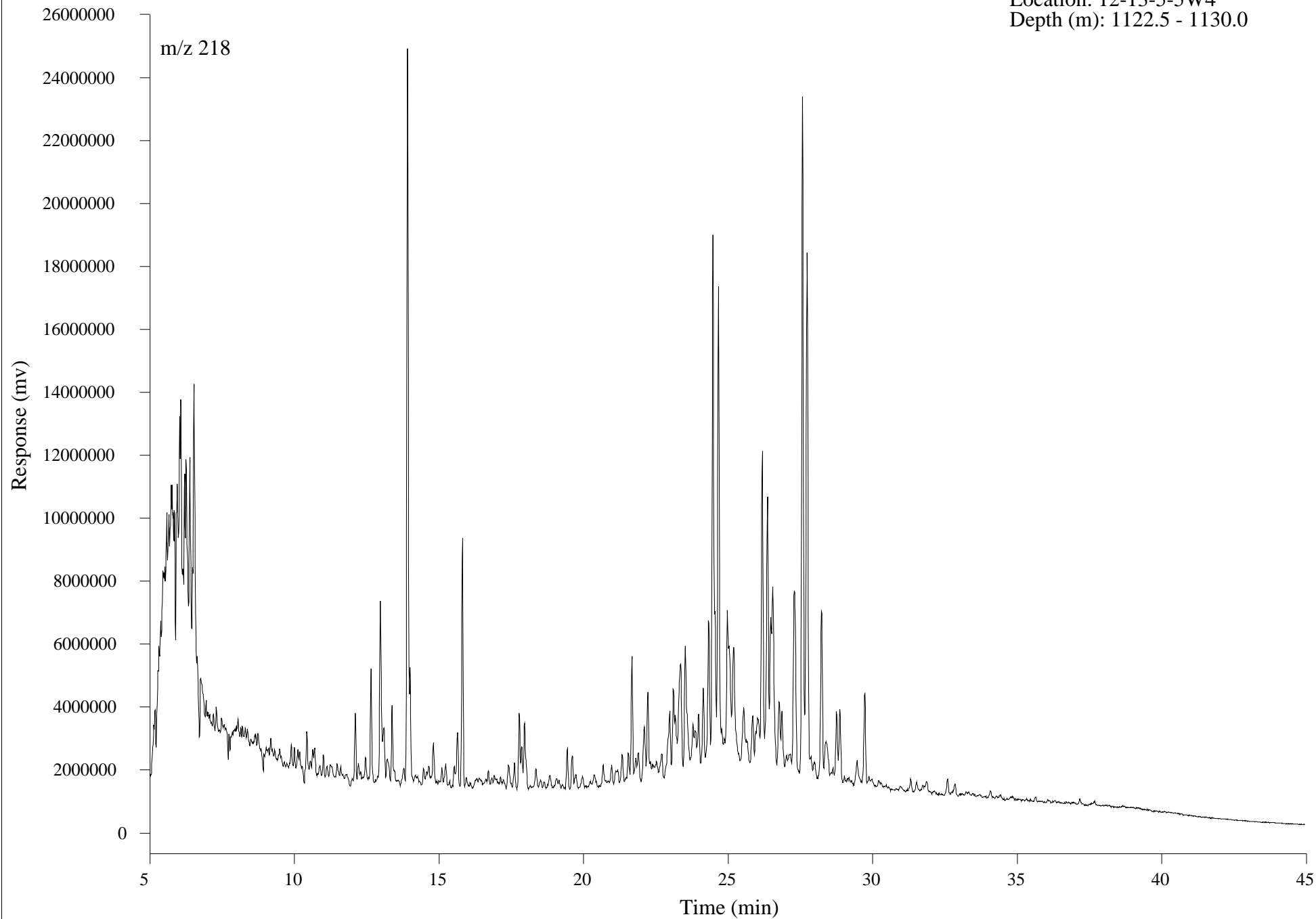
# Saturated Hydrocarbons Mass Chromatogram

Lab Id: L02128  
GSC No: C-558657  
Location: 12-13-5-5W4  
Depth (m): 1122.5 - 1130.0



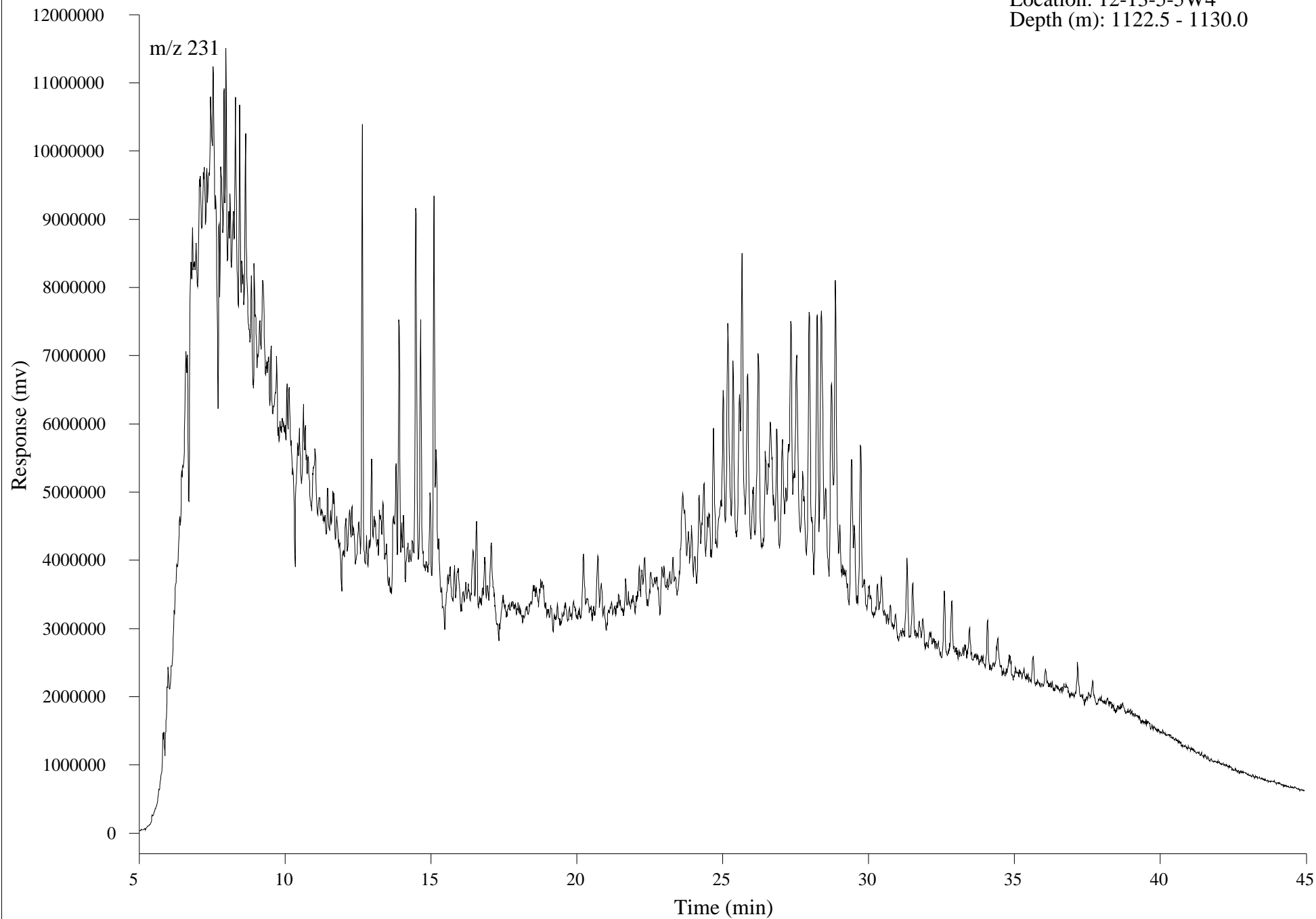
# Saturated Hydrocarbons Mass Chromatogram

Lab Id: L02128  
GSC No: C-558657  
Location: 12-13-5-5W4  
Depth (m): 1122.5 - 1130.0



# Saturated Hydrocarbons Mass Chromatogram

Lab Id: L02128  
GSC No: C-558657  
Location: 12-13-5-5W4  
Depth (m): 1122.5 - 1130.0



# Saturated Hydrocarbons Mass Chromatogram

Lab Id: L02128  
GSC No: C-558657  
Location: 12-13-5-5W4  
Depth (m): 1122.5 - 1130.0

