

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, 1998.

Sample ID: L02572

GSC Catalog No: C-559727

Acquisition Date: 1998-01-19

Location: 14-20-23-13W4

UWI: 100142002313W400

Upper Depth (m): 978.0

Lower Depth (m): 984.0

Fraction: gasoline

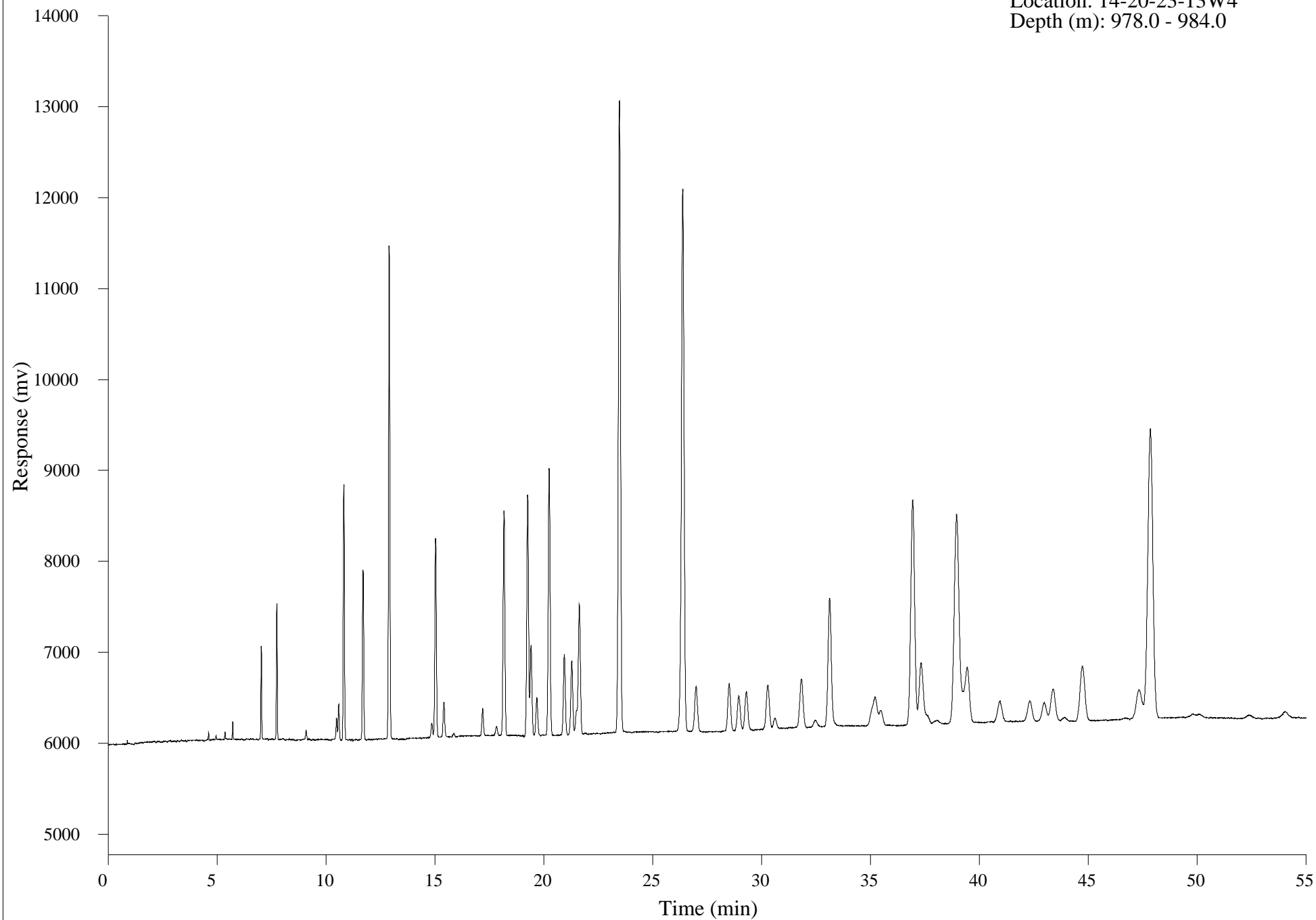
Instrument: HP 5890 GC

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

Time	Compound Name	Area	Height
7.03	iC5	2605.00	1024.76
7.75	nC5	3968.00	1497.24
9.09	22DMC4	372.00	102.18
10.49	CYC5	851.00	234.89
10.59	23DMC4	1561.00	393.84
10.82	2MC5	10641.00	2820.79
11.71	3MC5	7549.00	1864.18
12.90	nC6	22395.00	5420.45
14.86	22DMC5	778.00	156.87
15.03	MCYC5	10554.00	2188.46
15.42	24DMC5	1929.00	379.45
15.88	223TMC4	114.00	29.21
17.20	BEN	1553.00	300.80
17.83	33DMC5	595.00	99.61
18.17	CYC6	13845.00	2479.52
19.26	2MC6	15277.00	2665.30
19.42	23DMC5	5885.00	1005.07
19.68	11DMCYC5	2506.00	413.32
20.25	3MC6	17490.00	2936.14
20.94	1c3DMCYC5	5550.00	887.08
21.29	1t3DMCYC5	4776.00	783.46
21.63	1t2DMCYC5	9351.00	1412.12
23.47	nC7	47990.00	6953.93
26.38	MCYC6	50923.00	5963.74
26.99	22DMC6	4389.00	490.66
28.51	ECYC5	4580.00	517.56
28.95	25DMC6	3610.00	381.65
29.30	24DMC6	4035.00	421.36
30.28	223TMC5	4706.00	478.40
32.46	234TMC5	664.00	65.67
33.12	TOL	14538.00	1395.51
36.94	2MC7	29531.00	2440.57
39.44	3MC7	9260.00	602.56
47.33	1c4DMCYC6	5478.00	313.45
47.84	nC8	52168.00	3181.92

Gasoline Gas Chromatogram

Lab Id: L02572
GSC No: C-559727
Location: 14-20-23-13W4
Depth (m): 978.0 - 984.0



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, 1998.

Sample ID: L02572

GSC Catalog No: C-559727

Acquisition Date: 1998-05-27

Location: 14-20-23-13W4

UWI: 100142002313W400

Upper Depth (m): 978.0

Lower Depth (m): 984.0

Fraction: saturate

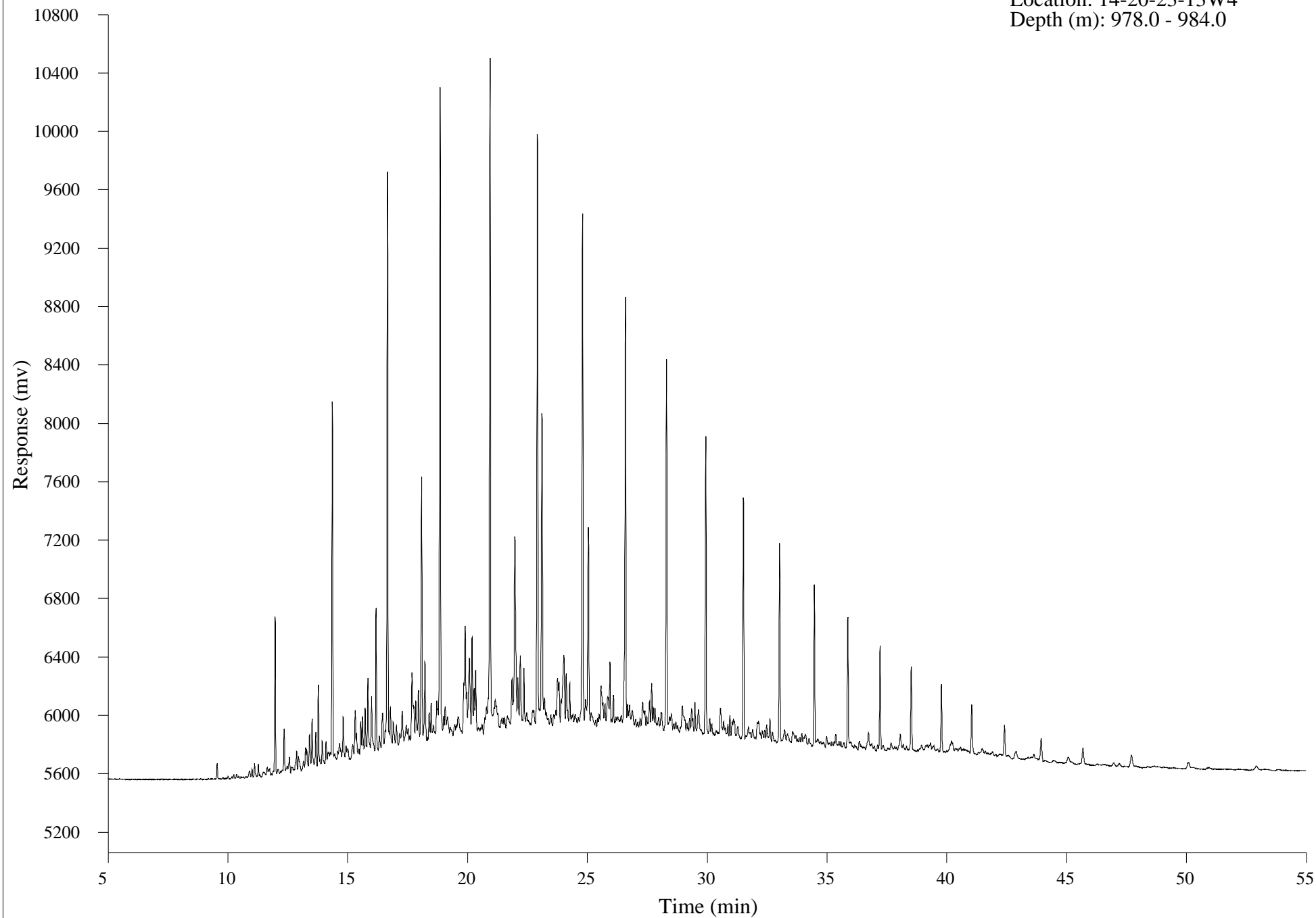
Instrument: Varian 3800 GC

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

Time	Compound Name	Area	Height
9.55	C11	251.73	107.08
11.97	C12	2642.46	1075.53
14.36	C13	5950.68	2453.15
16.66	C14	11062.20	3974.38
18.86	C15	12484.10	4434.57
20.94	C16	13386.05	4584.91
22.92	C17	11579.46	4024.39
23.11	Pr	6660.35	2077.22
24.80	C18	10118.17	3520.52
25.04	Ph	4570.62	1352.94
26.59	C19	8890.82	2933.41
28.30	C20	7081.03	2529.36
29.94	C21	5482.75	2040.31
31.51	C22	4526.25	1659.55
33.02	C23	3815.06	1361.05
34.47	C24	2920.34	1089.50
35.87	C25	2411.94	882.65
37.22	C26	1982.69	711.62
38.52	C27	1714.12	572.87
39.77	C28	1365.89	462.51
41.04	C29	1140.71	334.03
42.41	C30	683.17	210.02
43.94	C31	624.66	152.09
45.68	C32	477.95	107.65

Saturated Hydrocarbons Gas Chromatogram

Lab Id: L02572
GSC No: C-559727
Location: 14-20-23-13W4
Depth (m): 978.0 - 984.0



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, 1998.

Sample ID: L02572

GSC Catalog No: C-559727

Acquisition Date: 1998-06-23

Location: 14-20-23-13W4

UWI: 100142002313W400

Upper Depth (m): 978.0

Lower Depth (m): 984.0

Fraction: saturate

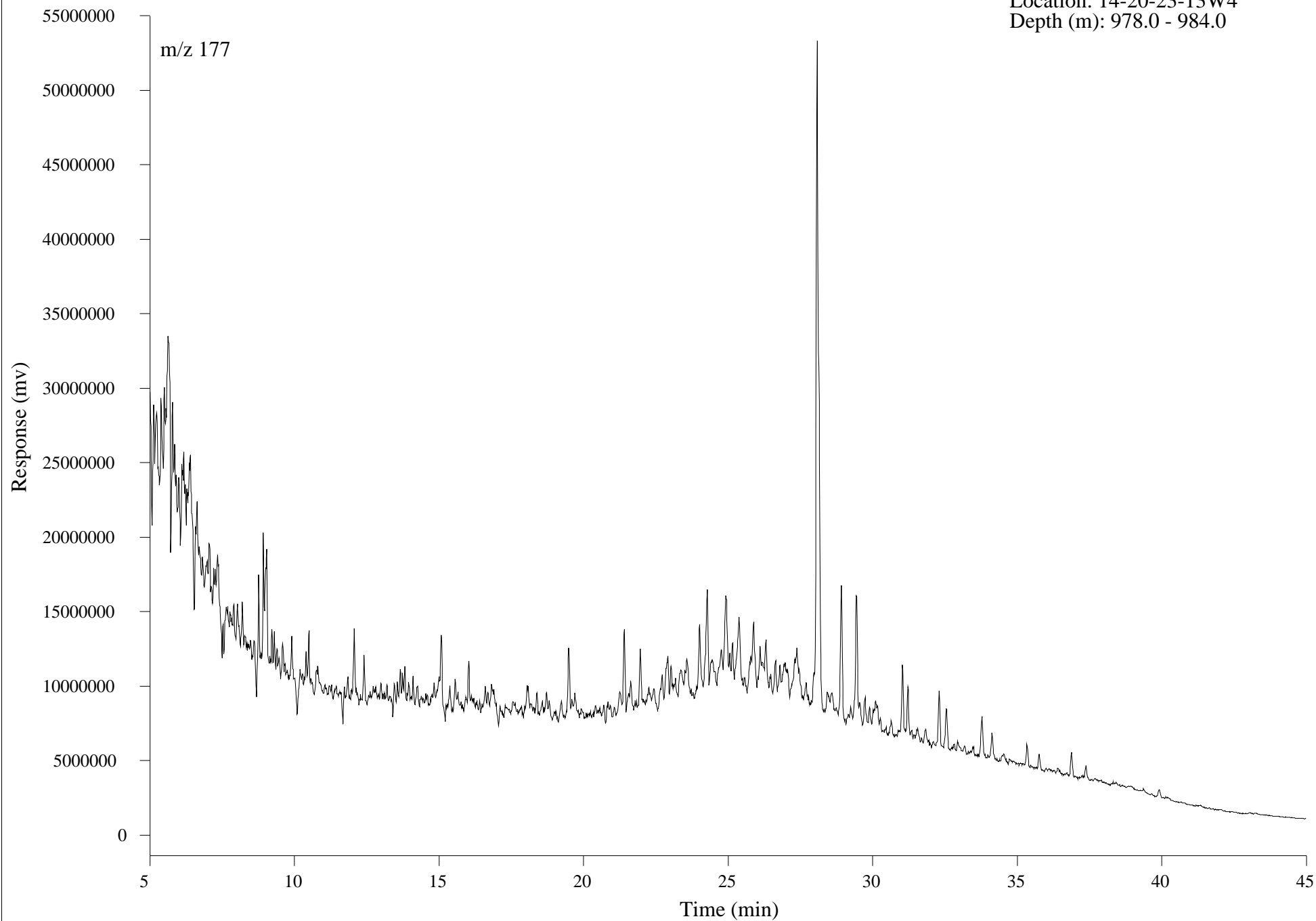
Instrument: HP 5890 GC/VG70SQ MS

MS Mode: Selected Ion Monitoring + EI

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

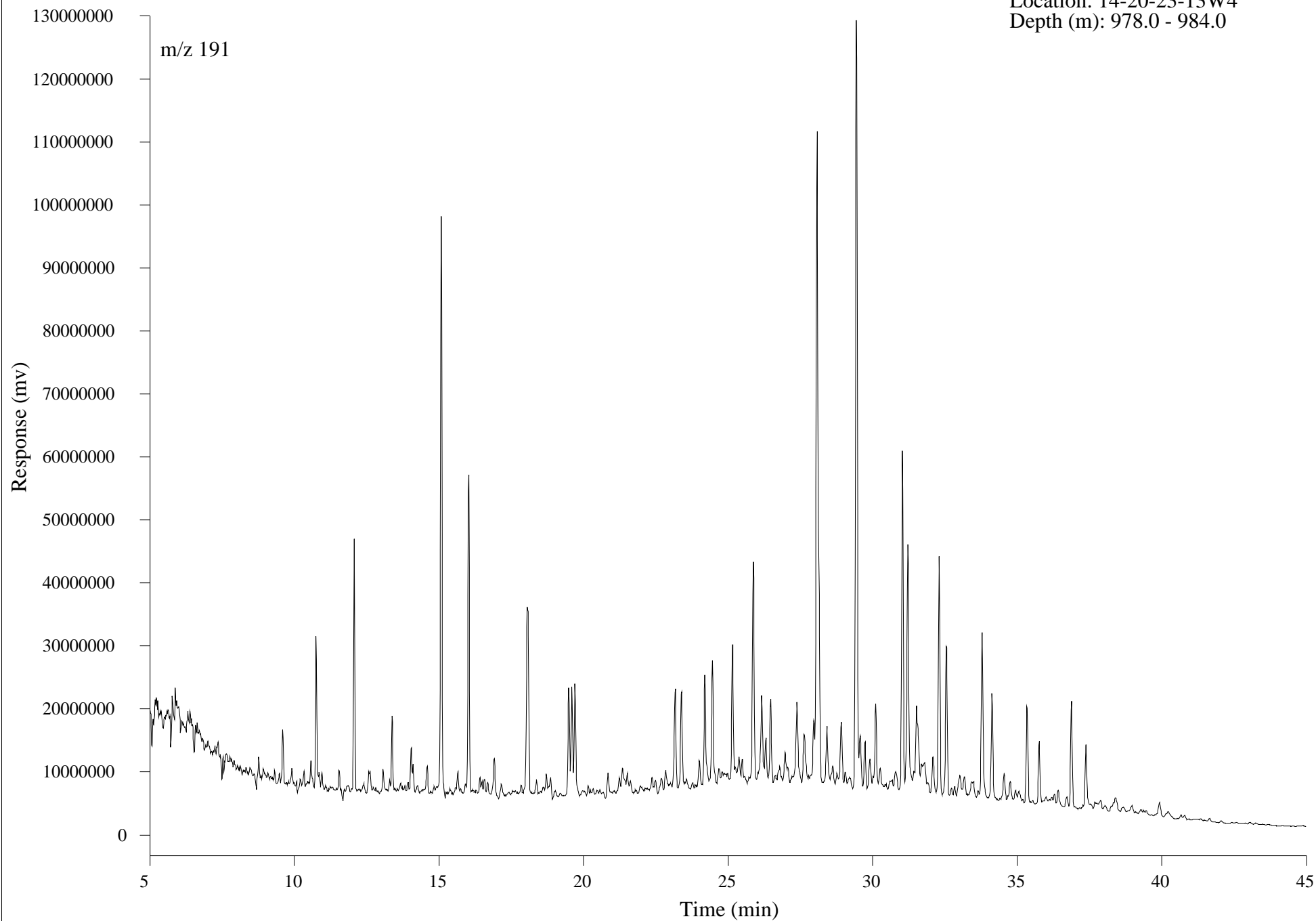
Saturated Hydrocarbons Mass Chromatogram

Lab Id: L02572
GSC No: C-559727
Location: 14-20-23-13W4
Depth (m): 978.0 - 984.0



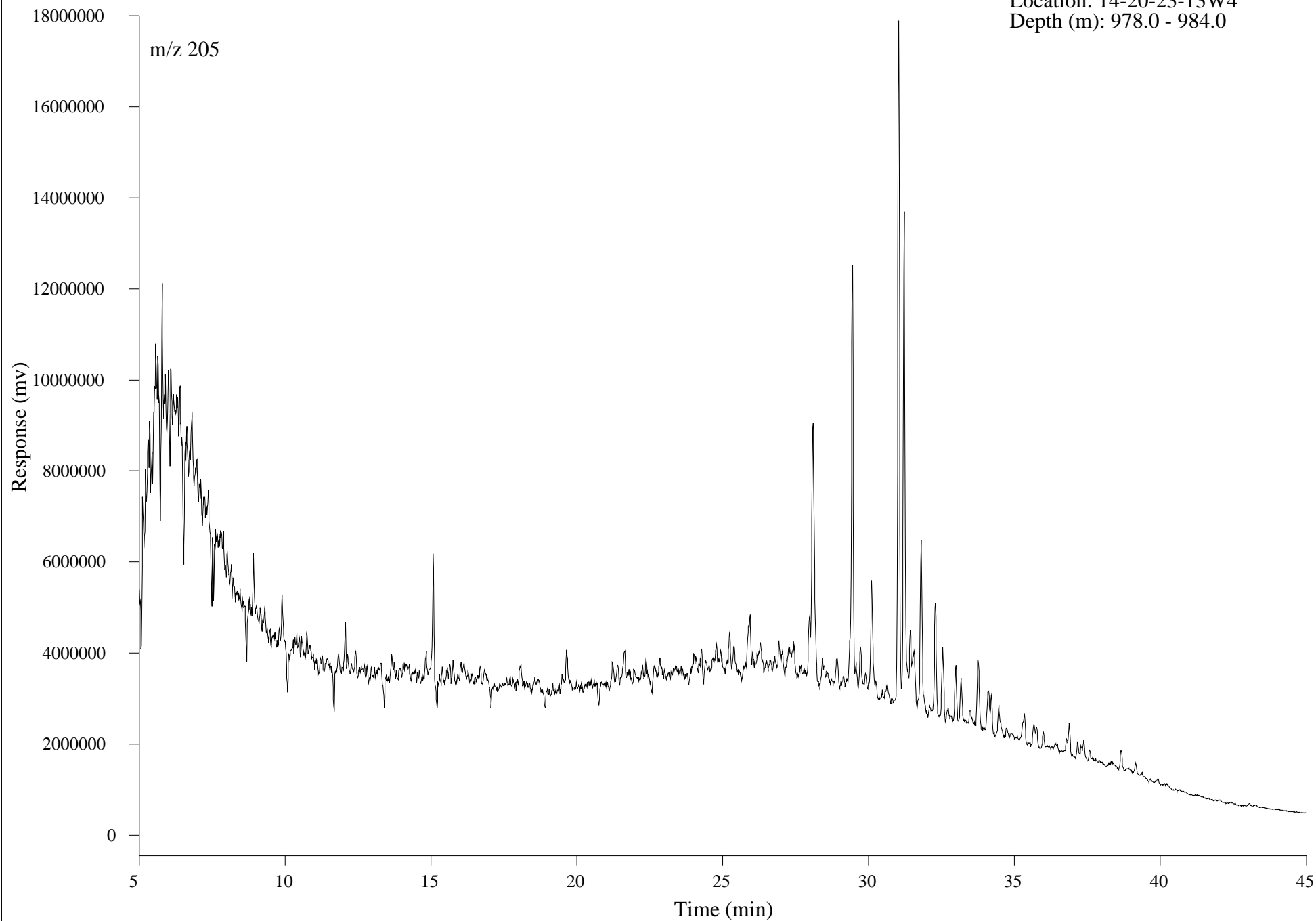
Saturated Hydrocarbons Mass Chromatogram

Lab Id: L02572
GSC No: C-559727
Location: 14-20-23-13W4
Depth (m): 978.0 - 984.0



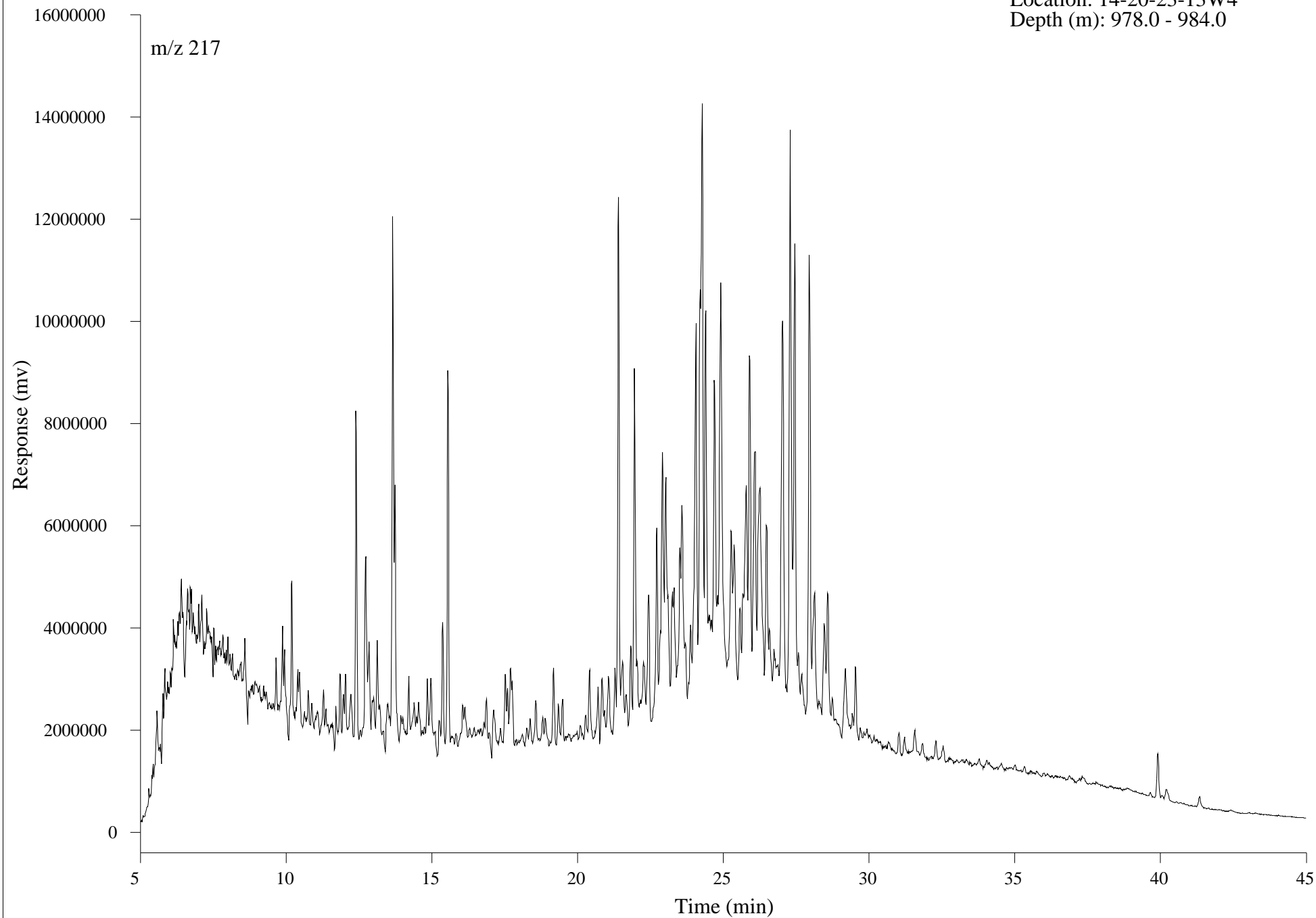
Saturated Hydrocarbons Mass Chromatogram

Lab Id: L02572
GSC No: C-559727
Location: 14-20-23-13W4
Depth (m): 978.0 - 984.0



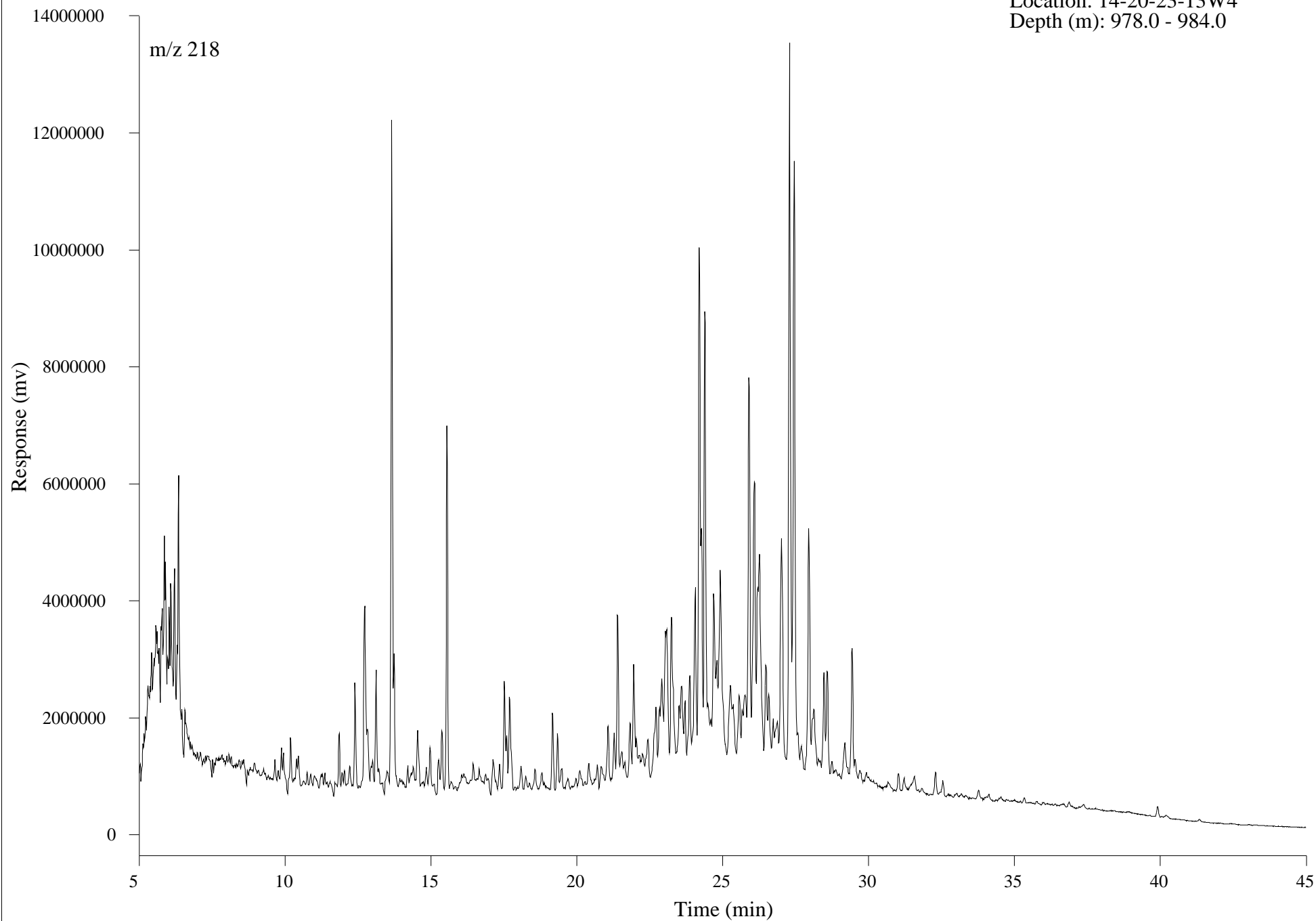
Saturated Hydrocarbons Mass Chromatogram

Lab Id: L02572
GSC No: C-559727
Location: 14-20-23-13W4
Depth (m): 978.0 - 984.0



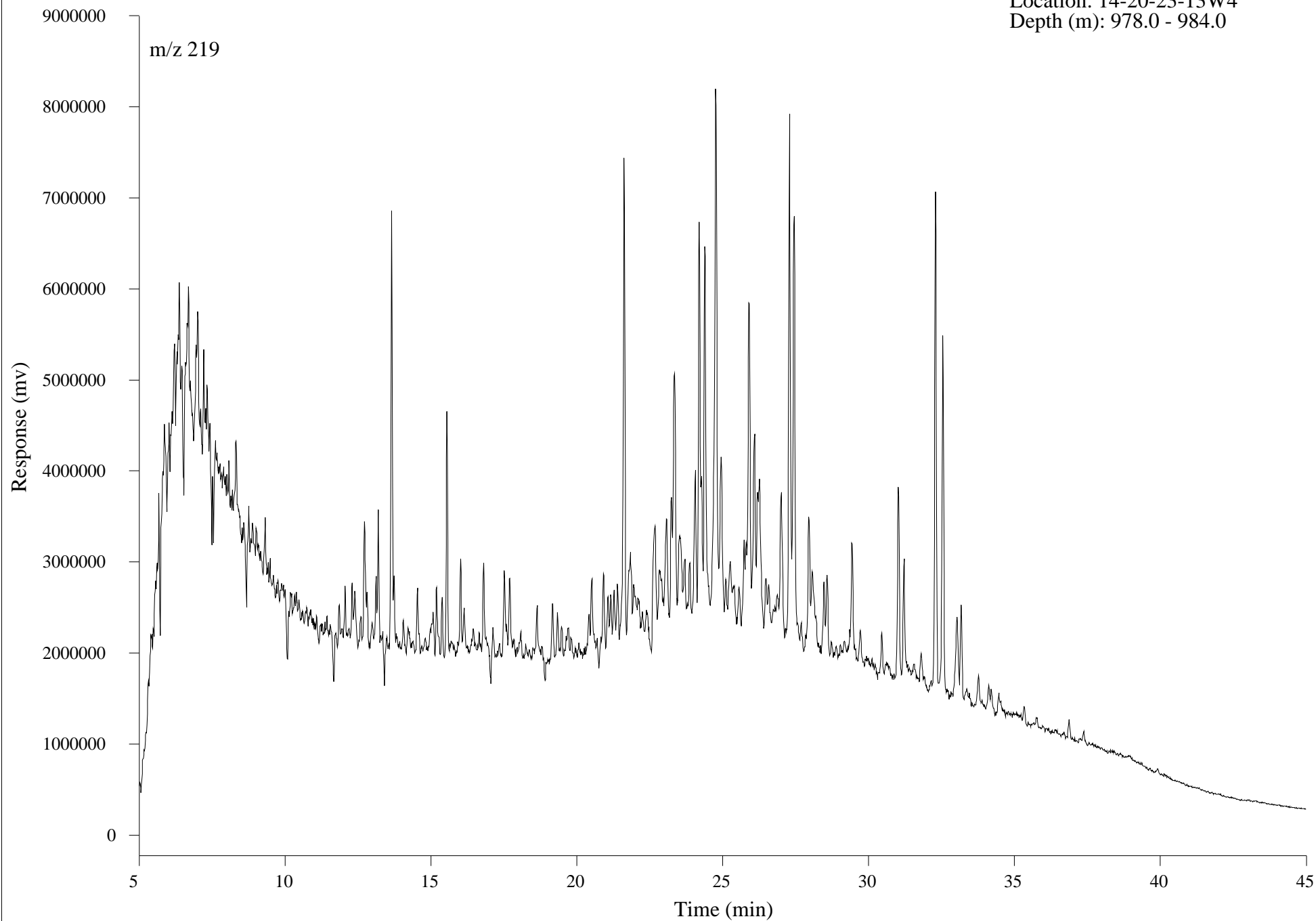
Saturated Hydrocarbons Mass Chromatogram

Lab Id: L02572
GSC No: C-559727
Location: 14-20-23-13W4
Depth (m): 978.0 - 984.0



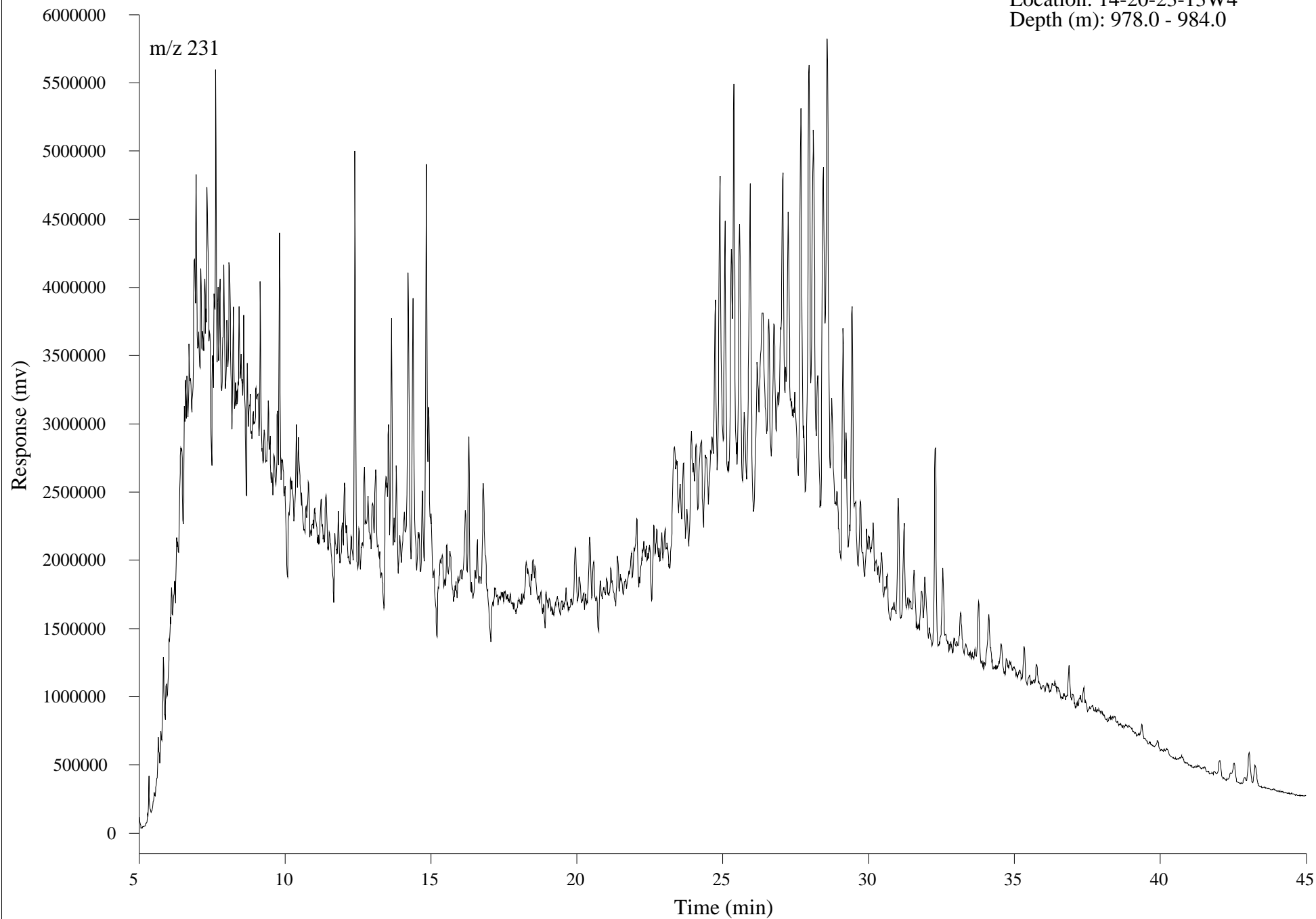
Saturated Hydrocarbons Mass Chromatogram

Lab Id: L02572
GSC No: C-559727
Location: 14-20-23-13W4
Depth (m): 978.0 - 984.0



Saturated Hydrocarbons Mass Chromatogram

Lab Id: L02572
GSC No: C-559727
Location: 14-20-23-13W4
Depth (m): 978.0 - 984.0



Saturated Hydrocarbons Mass Chromatogram

Lab Id: L02572
GSC No: C-559727
Location: 14-20-23-13W4
Depth (m): 978.0 - 984.0

