

# 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: L01974

GSC Catalog No: C-558467

Acquisition Date: 1995-06-01

Location: 6-8-20-19W4

UWI: 100060802019W400

Upper Depth (m): 1308.0

Lower Depth (m): 1312.0

Fraction: gasoline

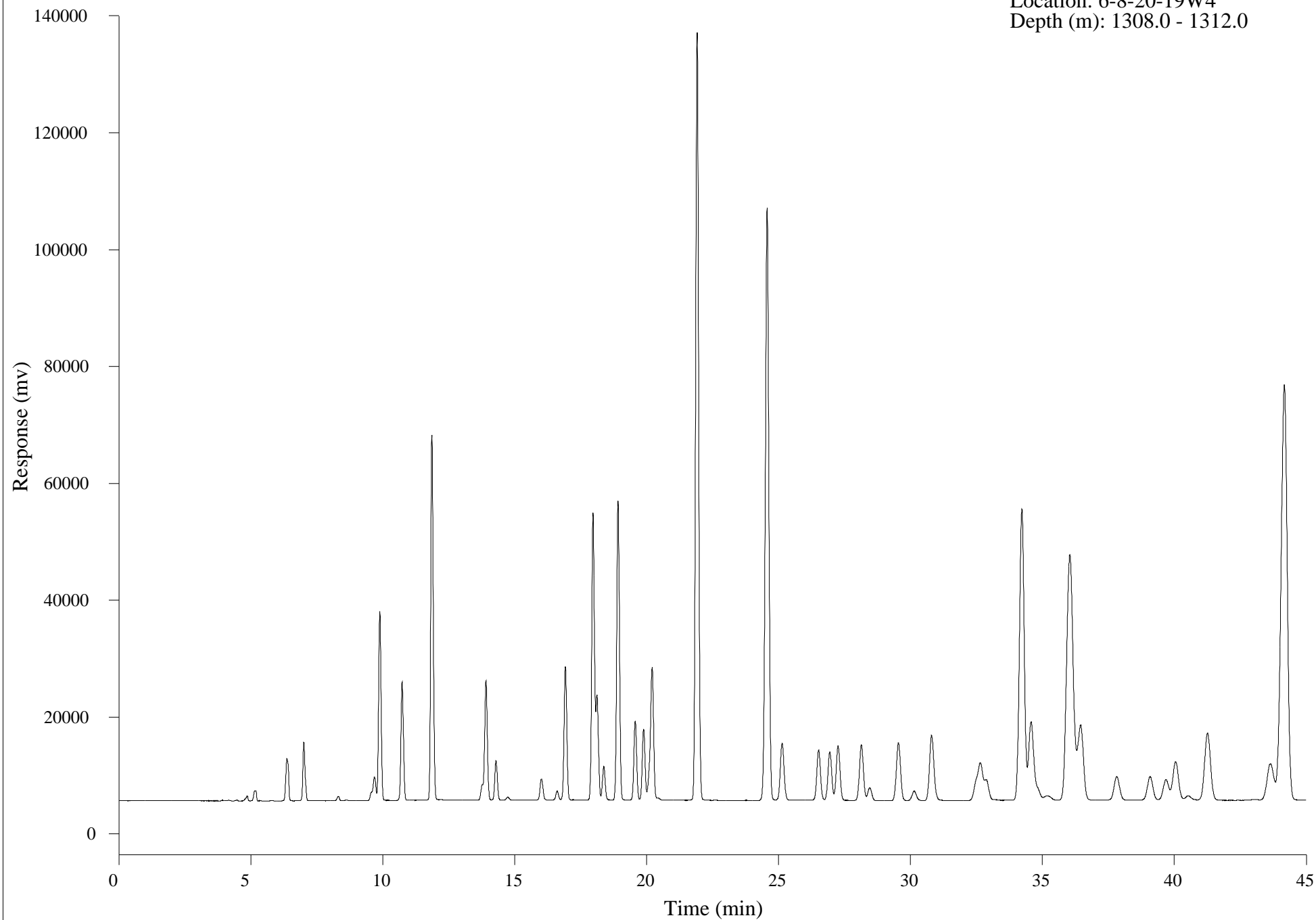
Instrument: HP 5890 GC

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

Time	Compound Name	Area	Height
6.37	iC5	52908.00	7197.94
7.01	nC5	58326.00	9965.35
8.32	22DMC4	4480.00	740.25
9.62	CYC5	13037.00	2359.39
9.69	23DMC4	32332.00	4665.00
9.89	2MC5	214427.00	32676.00
10.74	3MC5	132744.00	20248.66
11.87	nC6	406221.00	62483.10
13.77	22DMC5	12300.00	2665.16
13.91	MCYC5	145264.00	20453.58
14.30	24DMC5	44894.00	6696.49
14.74	223TMC4	3363.00	501.99
16.02	BEN	27526.00	3606.33
16.61	33DMC5	10777.00	1538.07
16.93	CYC6	164060.00	22866.67
17.97	2MC6	357363.00	49235.12
18.12	23DMC5	115787.00	17973.74
18.38	11DMCYC5	41718.00	5703.32
18.92	3MC6	369787.00	51183.51
19.57	1c3DMCYC5	98755.00	13445.81
19.89	1t3DMCYC5	89551.00	12093.44
20.21	1t2DMCYC5	200253.00	22755.16
21.92	nC7	1022871.00	131286.21
24.57	MCYC6	936230.00	101439.14
25.14	22DMC6	95782.00	9748.84
26.52	ECYC5	80596.00	8488.80
26.95	25DMC6	80316.00	8212.00
27.26	24DMC6	92877.00	9277.92
28.14	223TMC5	99856.00	9528.87
30.14	234TMC5	18668.00	1634.36
30.80	TOL	130453.00	11164.59
34.23	2MC7	628316.00	49788.97
36.45	3MC7	189523.00	12860.47
43.65	1c4DMCYC6	108248.00	6202.49
44.18	nC8	1162745.00	71036.97

# Gasoline Gas Chromatogram

Lab Id: L01974  
GSC No: C-558467  
Location: 6-8-20-19W4  
Depth (m): 1308.0 - 1312.0



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Sample ID: L01974

GSC Catalog No: C-558467

Acquisition Date: 1996-06-03

Location: 6-8-20-19W4

UWI: 100060802019W400

Upper Depth (m): 1308.0

Lower Depth (m): 1312.0

Fraction: saturate

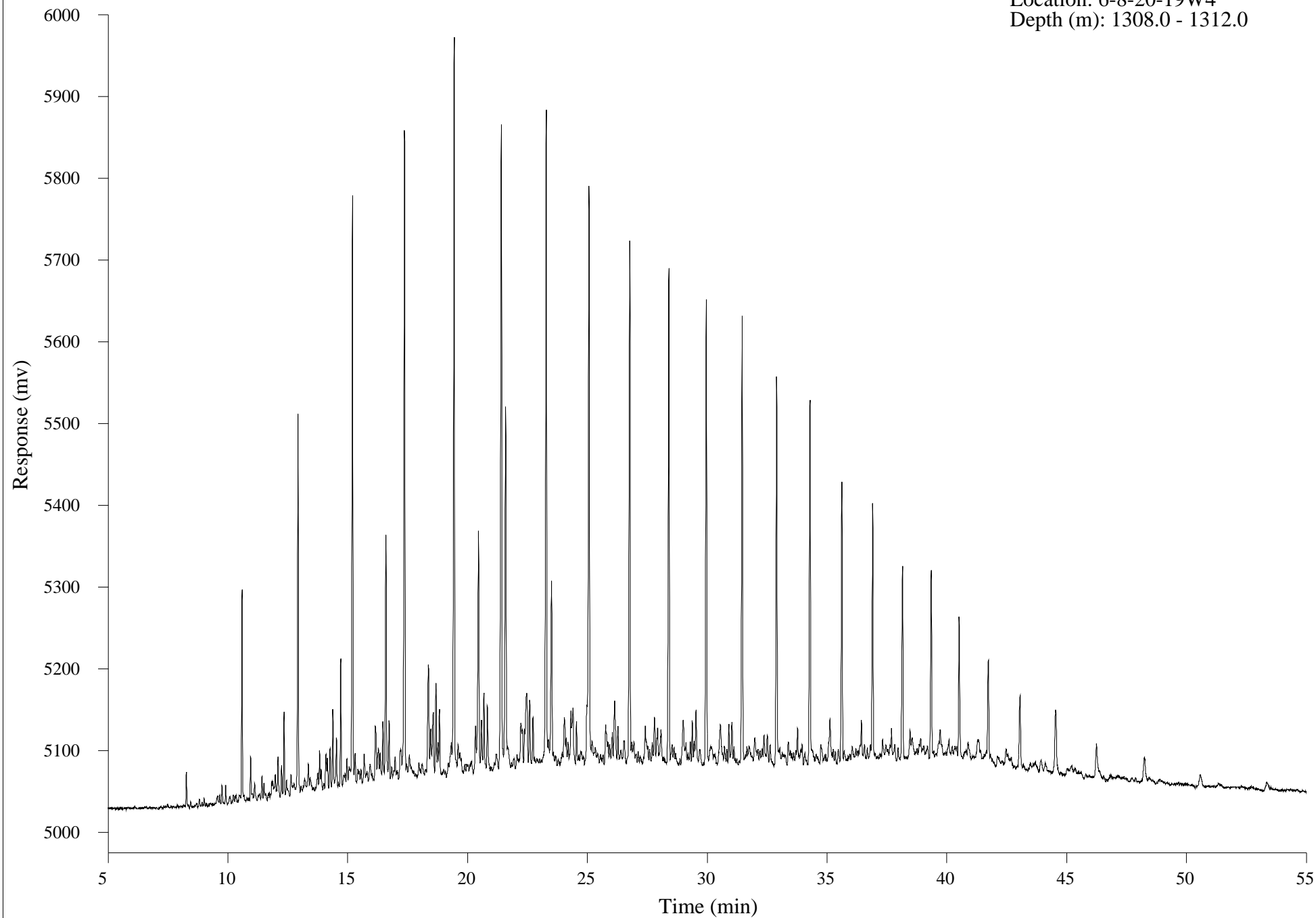
Instrument: Varian 3800 GC

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

Time	Compound Name	Area	Height
8.27	C11	87.31	42.24
10.59	C12	562.26	253.24
12.93	C13	1144.01	459.08
15.20	C14	1883.68	717.54
17.37	C15	2235.81	784.82
19.44	C16	2320.13	882.83
21.41	C17	2459.05	782.78
21.59	Pr	1390.04	423.41
23.29	C18	2174.92	780.74
23.51	Ph	716.32	214.04
25.07	C19	2344.43	695.10
26.77	C20	1889.14	630.16
28.41	C21	1748.27	593.07
29.96	C22	1618.66	565.01
31.46	C23	1549.35	541.96
32.90	C24	1365.74	472.03
34.29	C25	1270.03	438.52
35.63	C26	1055.06	340.43
36.91	C27	880.59	307.25
38.16	C28	765.68	237.33
39.35	C29	680.17	225.31
40.52	C30	515.75	168.78
41.74	C31	402.94	116.59
43.06	C32	334.23	87.40

# Saturated Hydrocarbons Gas Chromatogram

Lab Id: L01974  
GSC No: C-558467  
Location: 6-8-20-19W4  
Depth (m): 1308.0 - 1312.0



# 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: L01974

GSC Catalog No: C-558467

Acquisition Date: 1996-07-23

Location: 6-8-20-19W4

UWI: 100060802019W400

Upper Depth (m): 1308.0

Lower Depth (m): 1312.0

Fraction: saturate

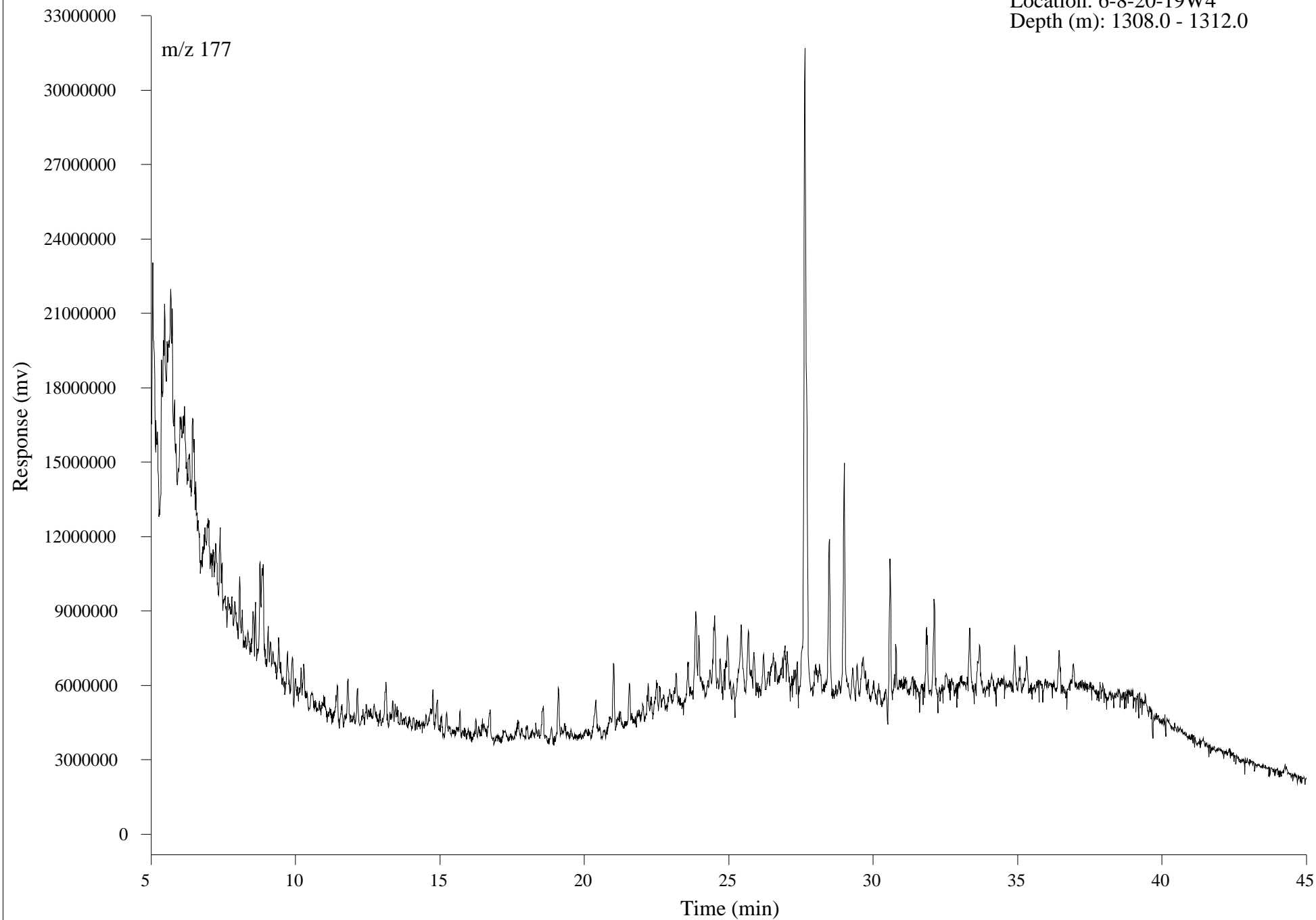
Instrument: HP 5890 GC/VG70SQ MS

MS Mode: Selected Ion Monitoring + EI

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

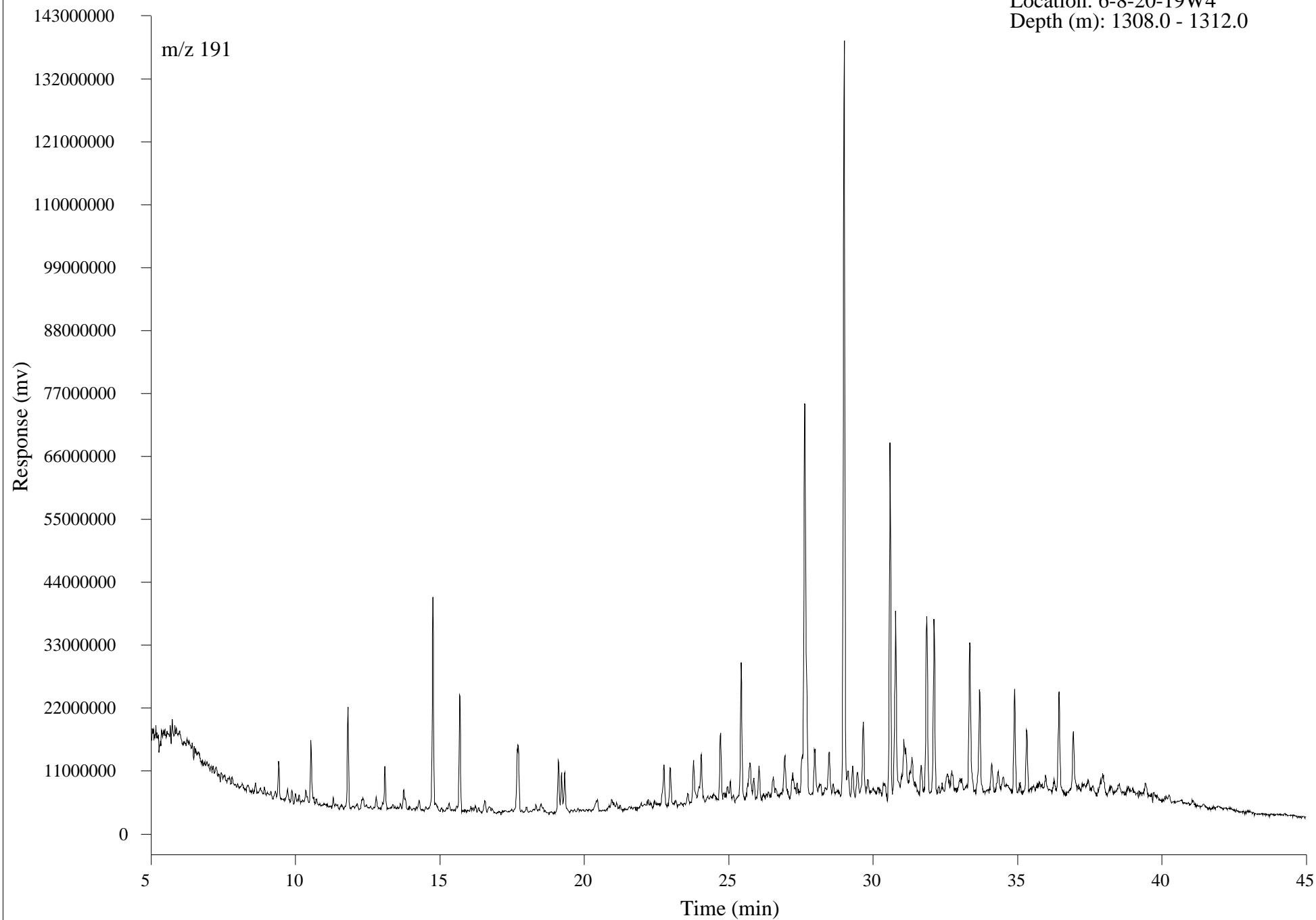
# Saturated Hydrocarbons Mass Chromatogram

Lab Id: L01974  
GSC No: C-558467  
Location: 6-8-20-19W4  
Depth (m): 1308.0 - 1312.0



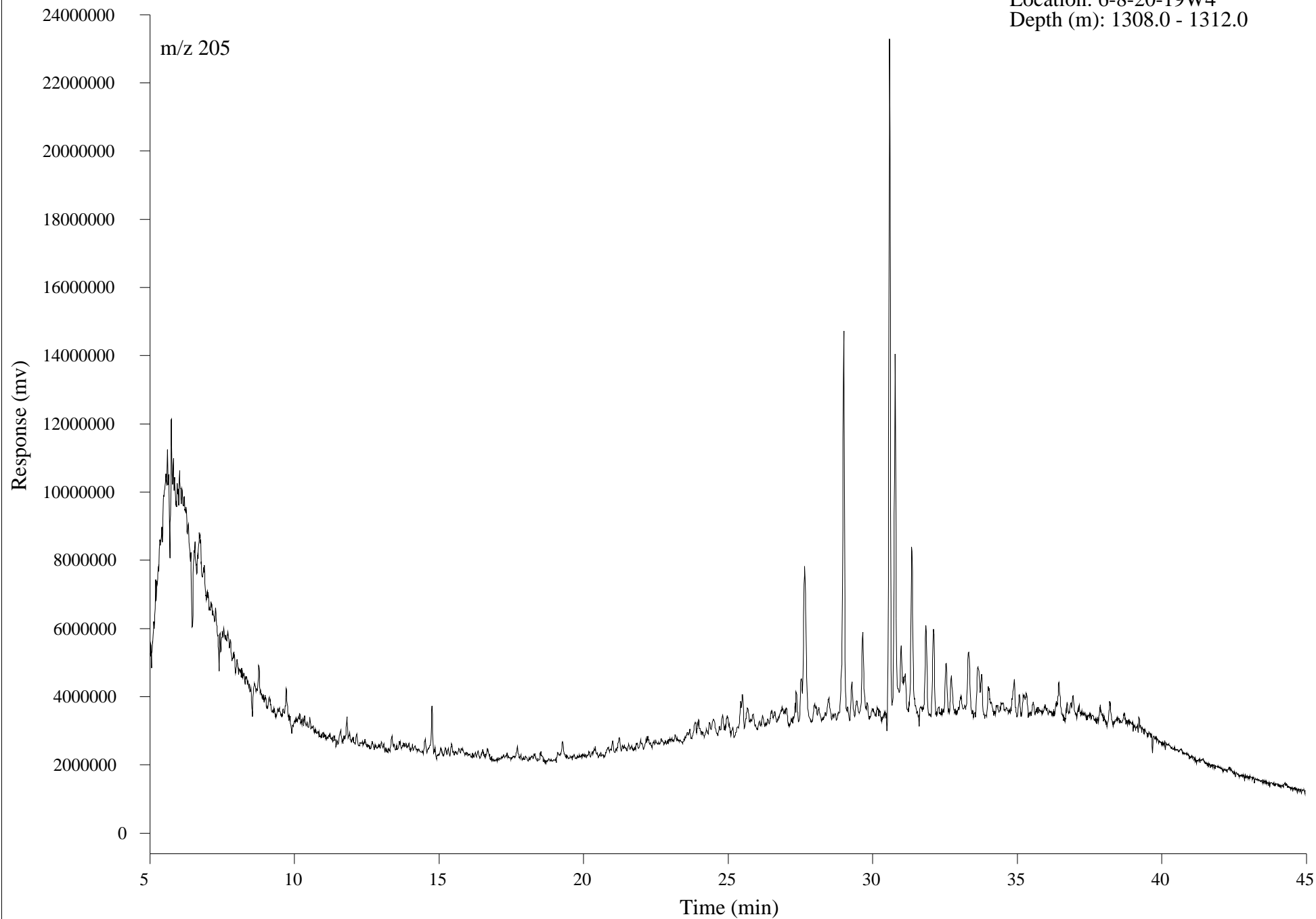
# Saturated Hydrocarbons Mass Chromatogram

Lab Id: L01974  
GSC No: C-558467  
Location: 6-8-20-19W4  
Depth (m): 1308.0 - 1312.0



# Saturated Hydrocarbons Mass Chromatogram

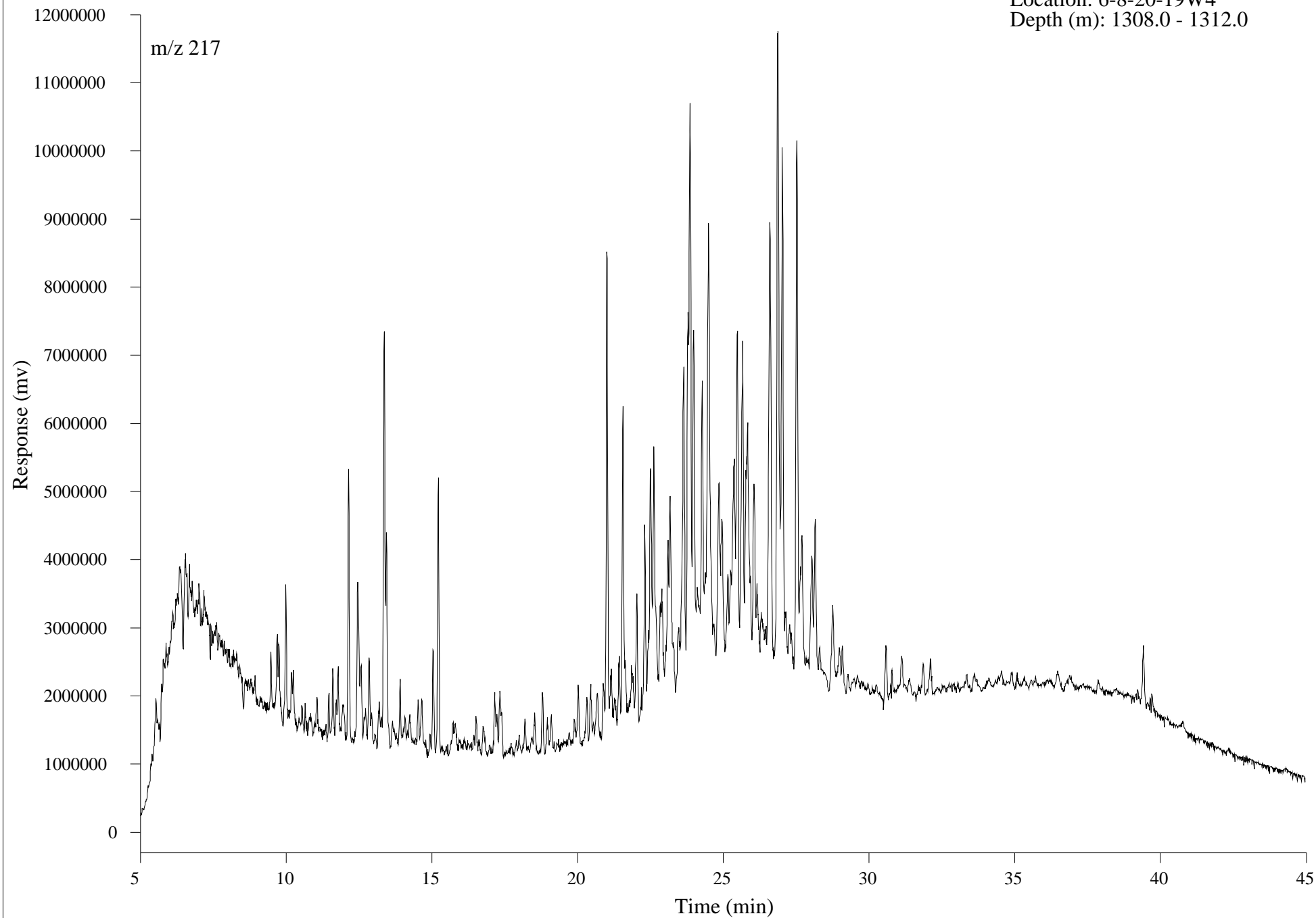
Lab Id: L01974  
GSC No: C-558467  
Location: 6-8-20-19W4  
Depth (m): 1308.0 - 1312.0





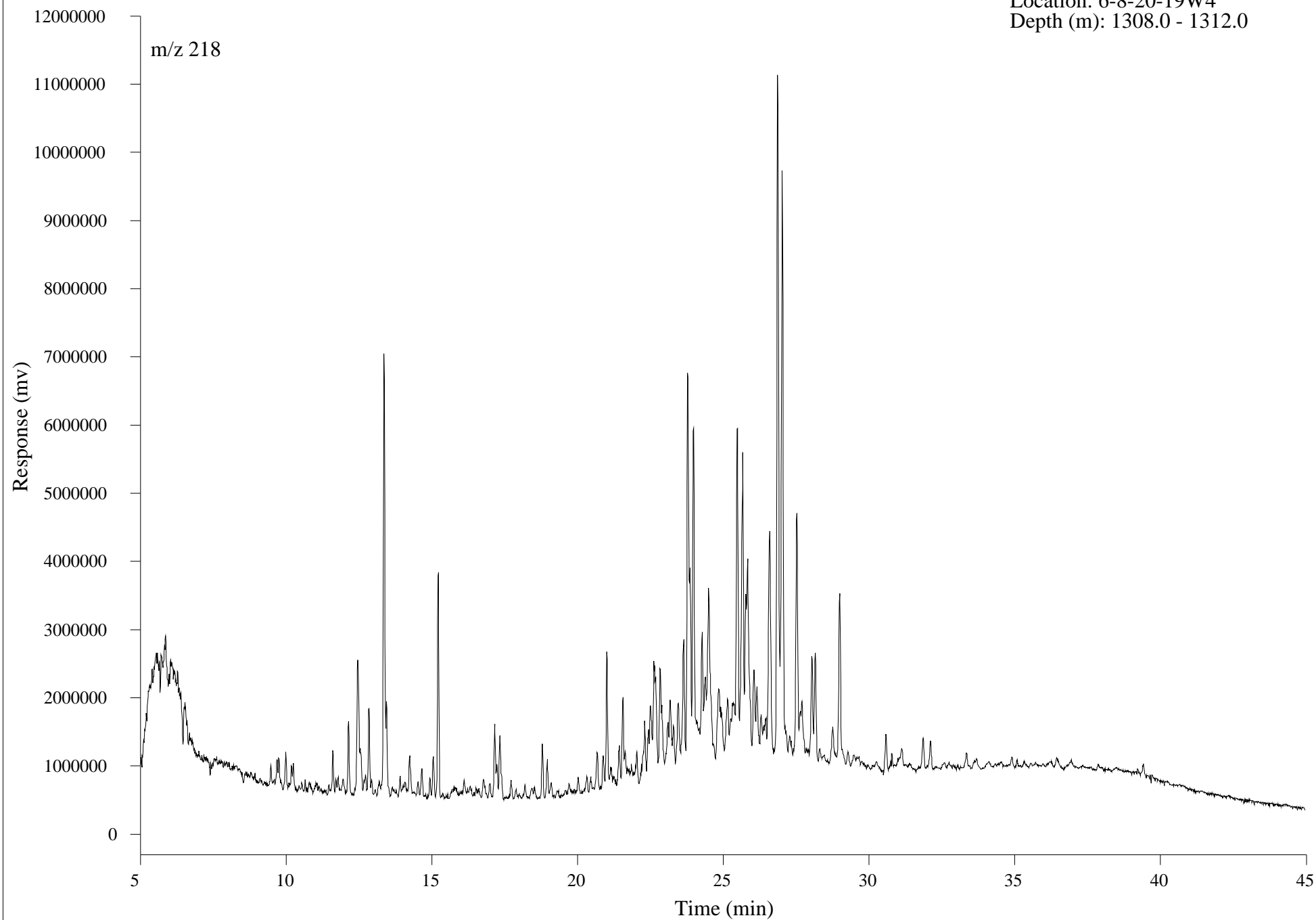
# Saturated Hydrocarbons Mass Chromatogram

Lab Id: L01974  
GSC No: C-558467  
Location: 6-8-20-19W4  
Depth (m): 1308.0 - 1312.0



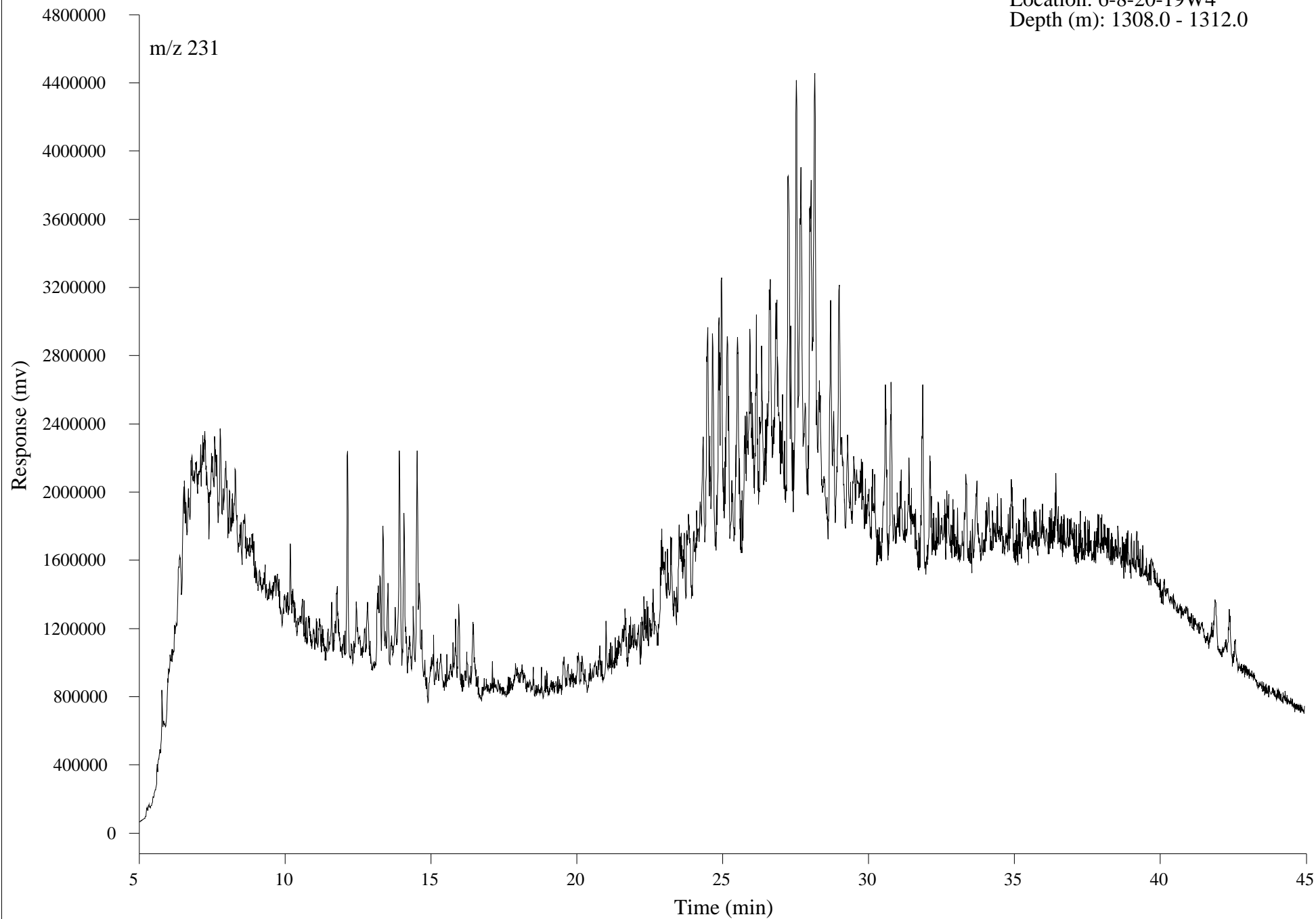
# Saturated Hydrocarbons Mass Chromatogram

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Lab Id: L01974  
GSC No: C-558467  
Location: 6-8-20-19W4  
Depth (m): 1308.0 - 1312.0



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Lab Id: L01974  
GSC No: C-558467  
Location: 6-8-20-19W4  
Depth (m): 1308.0 - 1312.0

