

# 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: L01760

GSC Catalog No: C-558351

Acquisition Date: 1994-07-27

Location: 16-24-14-23W4

UWI: 100162401423W400

Upper Depth (m): 959.5

Lower Depth (m): 1438.0

Fraction: gasoline

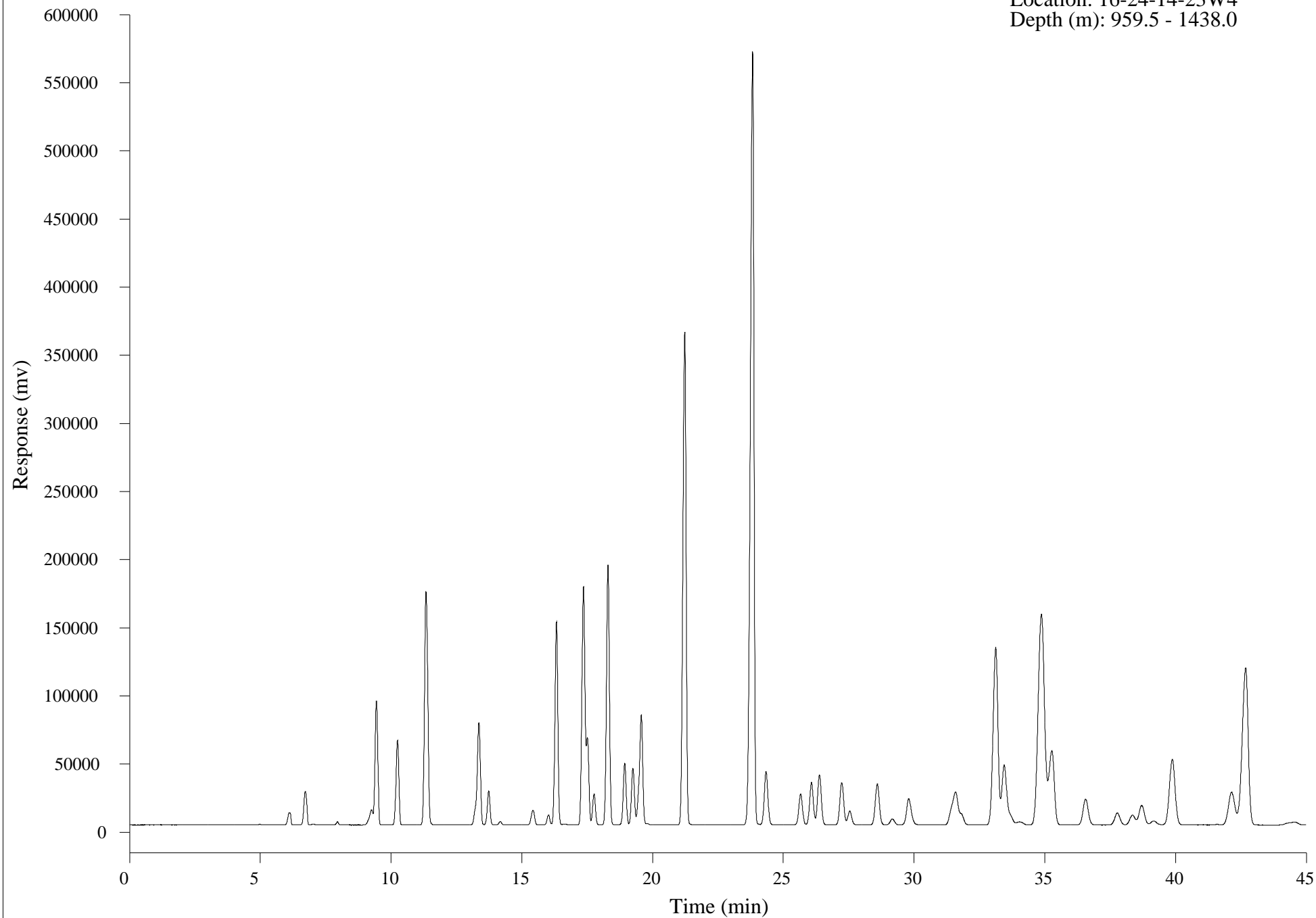
Instrument: HP 5890 GC

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

Time	Compound Name	Area	Height
6.14	iC5	78158.00	9389.68
6.72	nC5	192828.00	24595.28
7.96	22DMC4	13138.00	2296.94
9.19	CYC5	27668.00	6529.76
9.26	23DMC4	60294.00	9707.56
9.44	2MC5	698015.00	91601.00
10.25	3MC5	470707.00	61952.40
11.34	nC6	1515836.00	171093.13
13.28	22DMC5	117778.00	27740.65
13.36	MCYC5	591707.00	76965.00
13.74	24DMC5	179449.00	24820.73
14.18	223TMC4	17637.00	2481.57
15.43	BEN	94700.00	10619.22
16.02	33DMC5	52633.00	7247.75
16.33	CYC6	1150117.00	148869.18
17.36	2MC6	1449537.00	174849.84
17.51	23DMC5	401858.00	64359.22
17.77	11DMCYC5	169712.00	22727.60
18.30	3MC6	1506782.00	190862.62
18.94	1c3DMCYC5	355393.00	45135.73
19.25	1t3DMCYC5	327501.00	41256.29
19.57	1t2DMCYC5	738894.00	80756.78
21.23	nC7	3073178.00	361270.26
23.83	MCYC6	5409069.00	567306.88
24.34	22DMC6	374966.00	39032.57
25.67	ECYC5	221826.00	22624.46
26.08	25DMC6	306103.00	31036.12
26.39	24DMC6	364602.00	36627.77
27.24	223TMC5	321036.00	30961.27
29.17	234TMC5	49277.00	4357.23
29.80	TOL	241862.00	19138.97
33.13	2MC7	1689671.00	130564.95
35.27	3MC7	776214.00	54365.05
42.16	1c4DMCYC6	409345.00	23984.98
42.69	nC8	1866065.00	115356.50

# Gasoline Gas Chromatogram

Lab Id: L01760  
GSC No: C-558351  
Location: 16-24-14-23W4  
Depth (m): 959.5 - 1438.0



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Acquisition Date: 1994-07-14

Location: 16-24-14-23W4

UWI: 100162401423W400

Upper Depth (m): 959.5

Lower Depth (m): 1438.0

Fraction: saturate

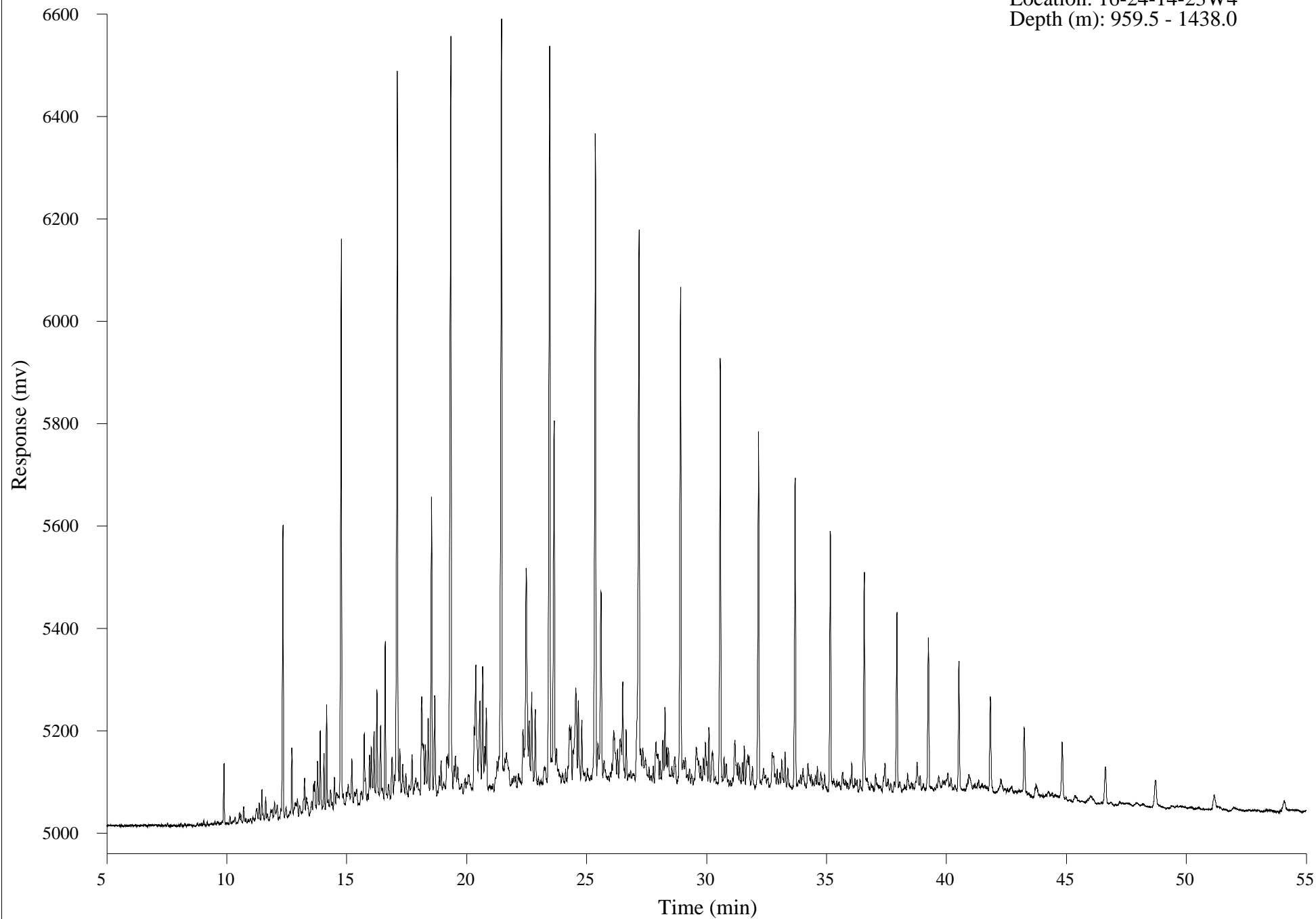
Instrument: Varian 3800 GC

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

Time	Compound Name	Area	Height
9.88	C11	261.33	117.74
12.34	C12	1465.65	570.13
14.78	C13	3013.95	1097.73
17.11	C14	4339.44	1421.73
19.34	C15	5174.95	1471.39
21.46	C16	5034.23	1463.72
23.47	C17	4946.27	1432.15
23.65	Pr	2294.92	686.62
25.37	C18	4250.98	1264.00
25.61	Ph	1430.54	366.60
27.19	C19	3714.07	1036.48
28.92	C20	3020.10	955.39
30.58	C21	2596.74	826.56
32.17	C22	2173.72	695.08
33.70	C23	1895.74	605.16
35.16	C24	1571.26	506.55
36.58	C25	1314.73	418.38
37.94	C26	1073.06	345.56
39.25	C27	941.04	293.14
40.53	C28	791.18	252.01
41.84	C29	709.27	186.40
43.25	C30	466.70	126.68
44.83	C31	464.30	110.24
46.63	C32	334.83	72.76

# Saturated Hydrocarbons Gas Chromatogram

Lab Id: L01760  
GSC No: C-558351  
Location: 16-24-14-23W4  
Depth (m): 959.5 - 1438.0



# 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,  
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Sample ID: L01760

GSC Catalog No: C-558351

Acquisition Date: 1994-07-14

Location: 16-24-14-23W4

UWI: 100162401423W400

Upper Depth (m): 959.5

Lower Depth (m): 1438.0

Fraction: saturate

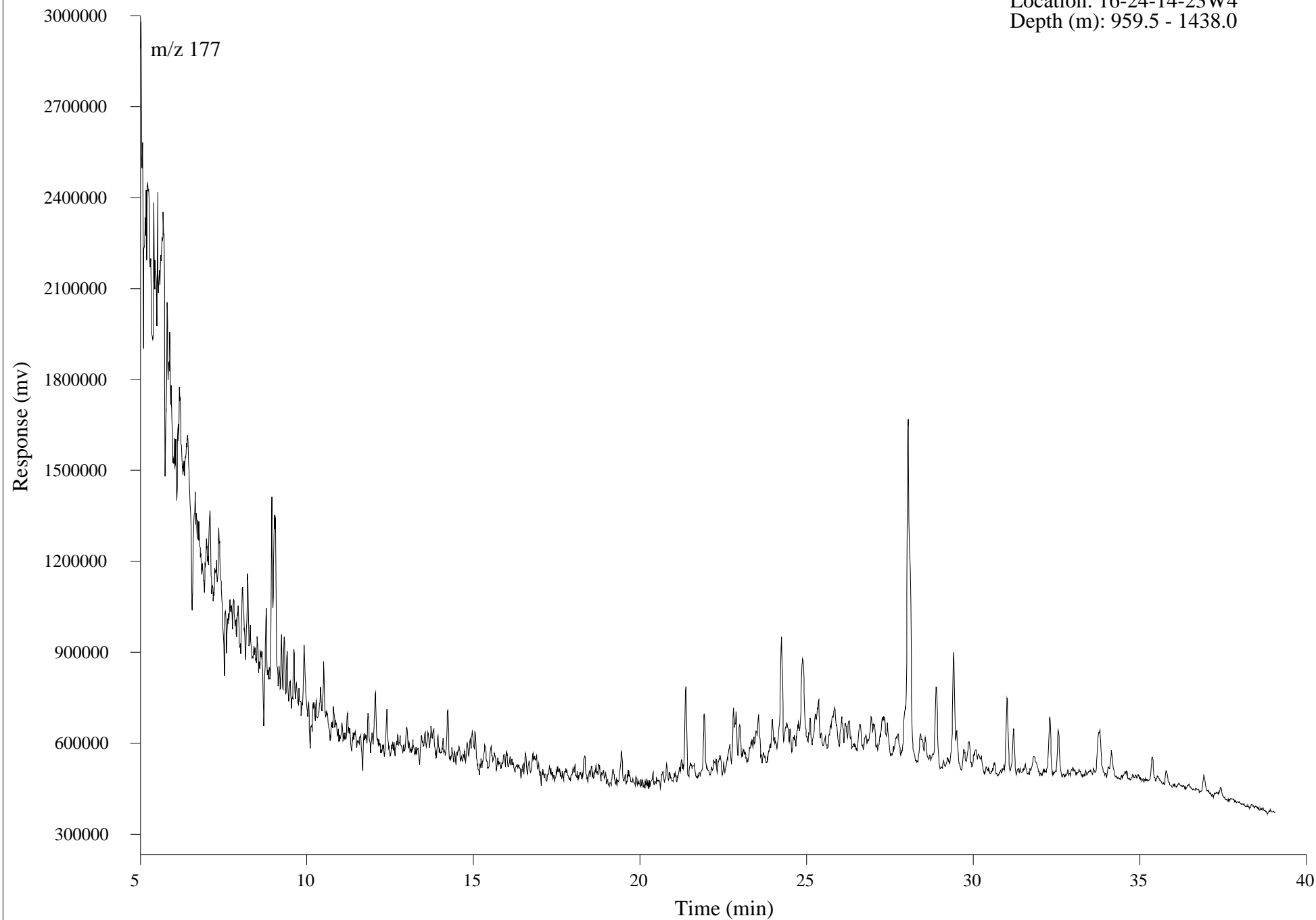
Instrument: HP 5890 GC/VG70SQ MS

MS Mode: Selected Ion Monitoring + EI

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

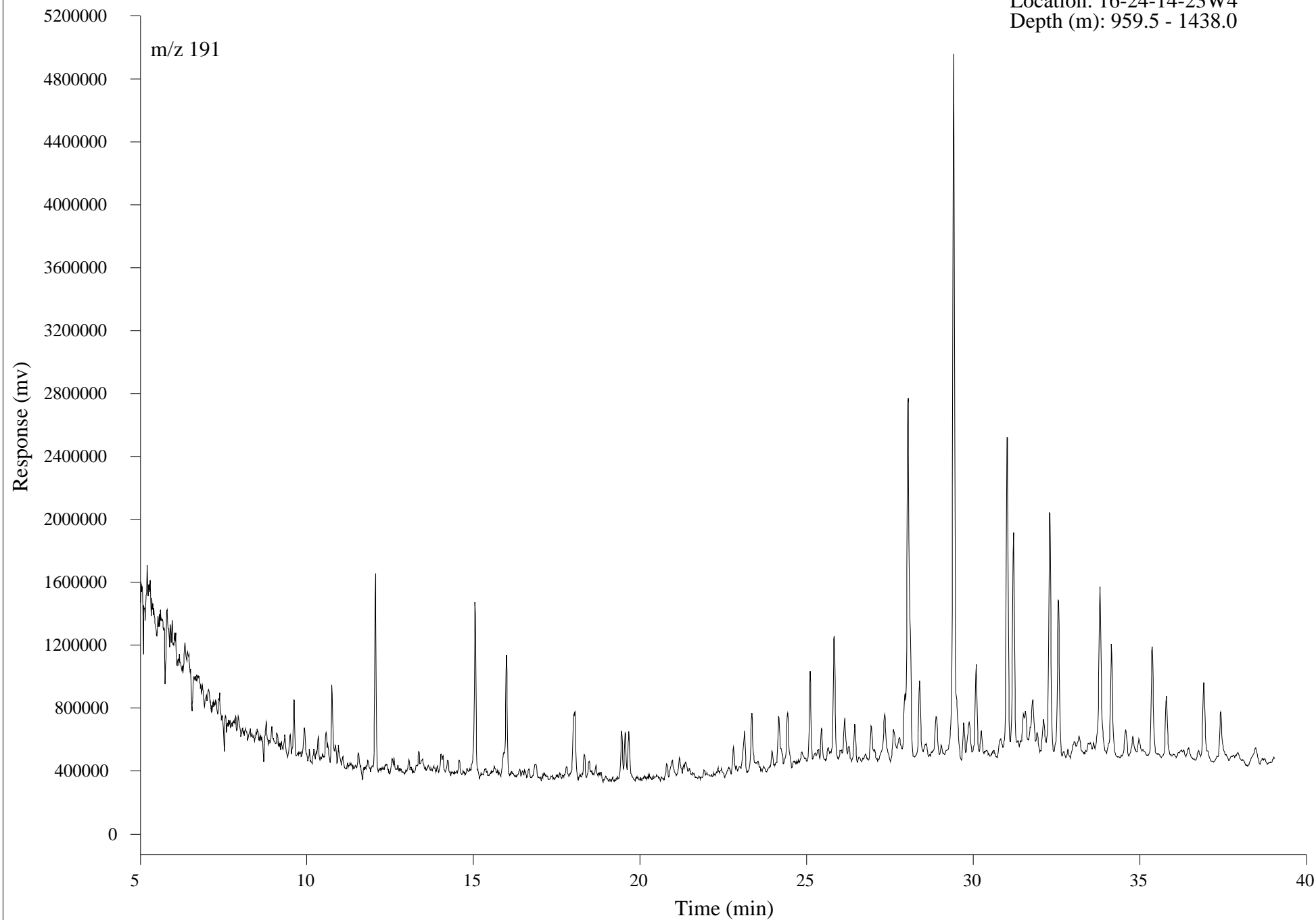
# Saturated Hydrocarbons Mass Chromatogram

Lab Id: L01760  
GSC No: C-558351  
Location: 16-24-14-23W4  
Depth (m): 959.5 - 1438.0



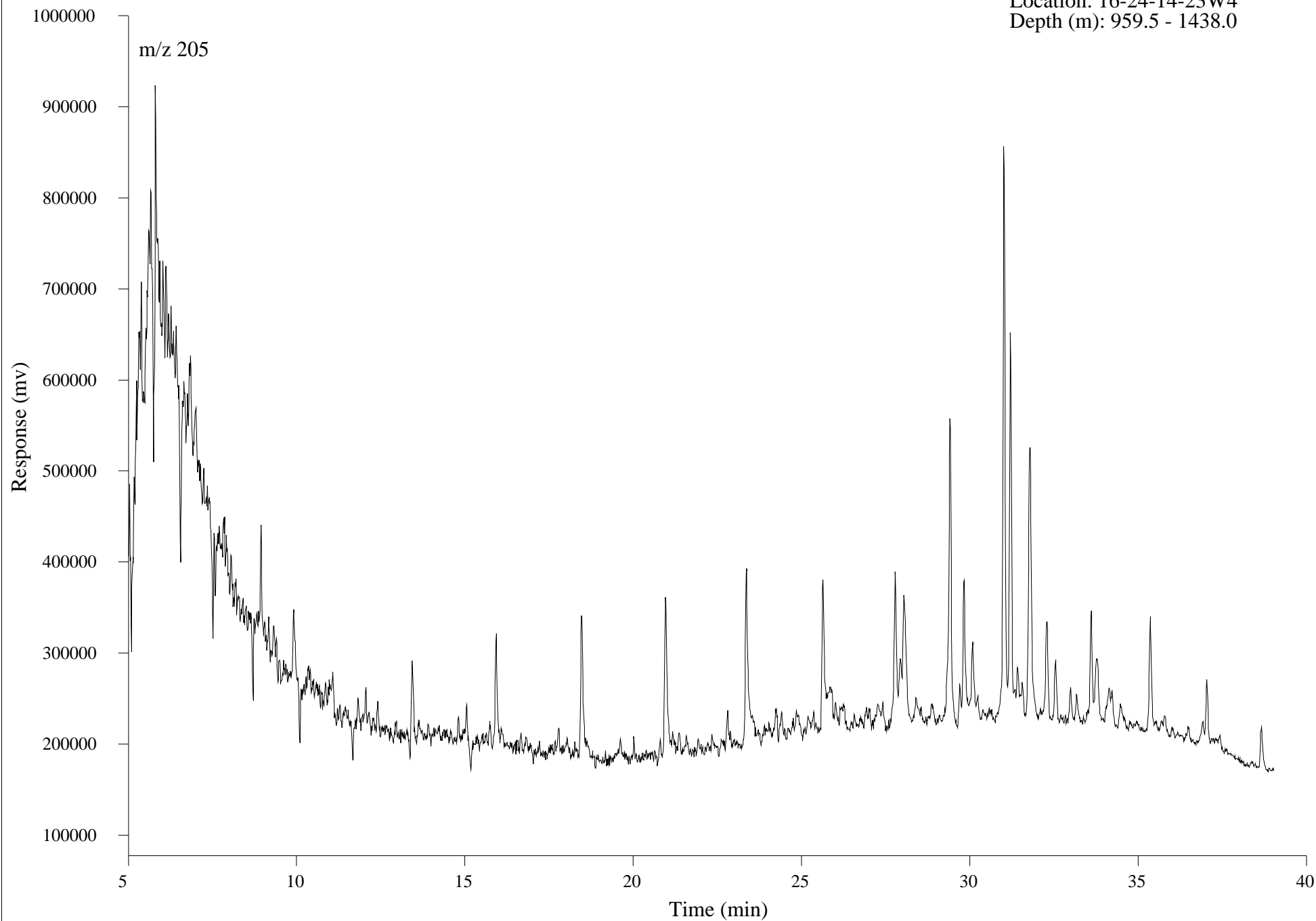
# Saturated Hydrocarbons Mass Chromatogram

Lab Id: L01760  
GSC No: C-558351  
Location: 16-24-14-23W4  
Depth (m): 959.5 - 1438.0



# Saturated Hydrocarbons Mass Chromatogram

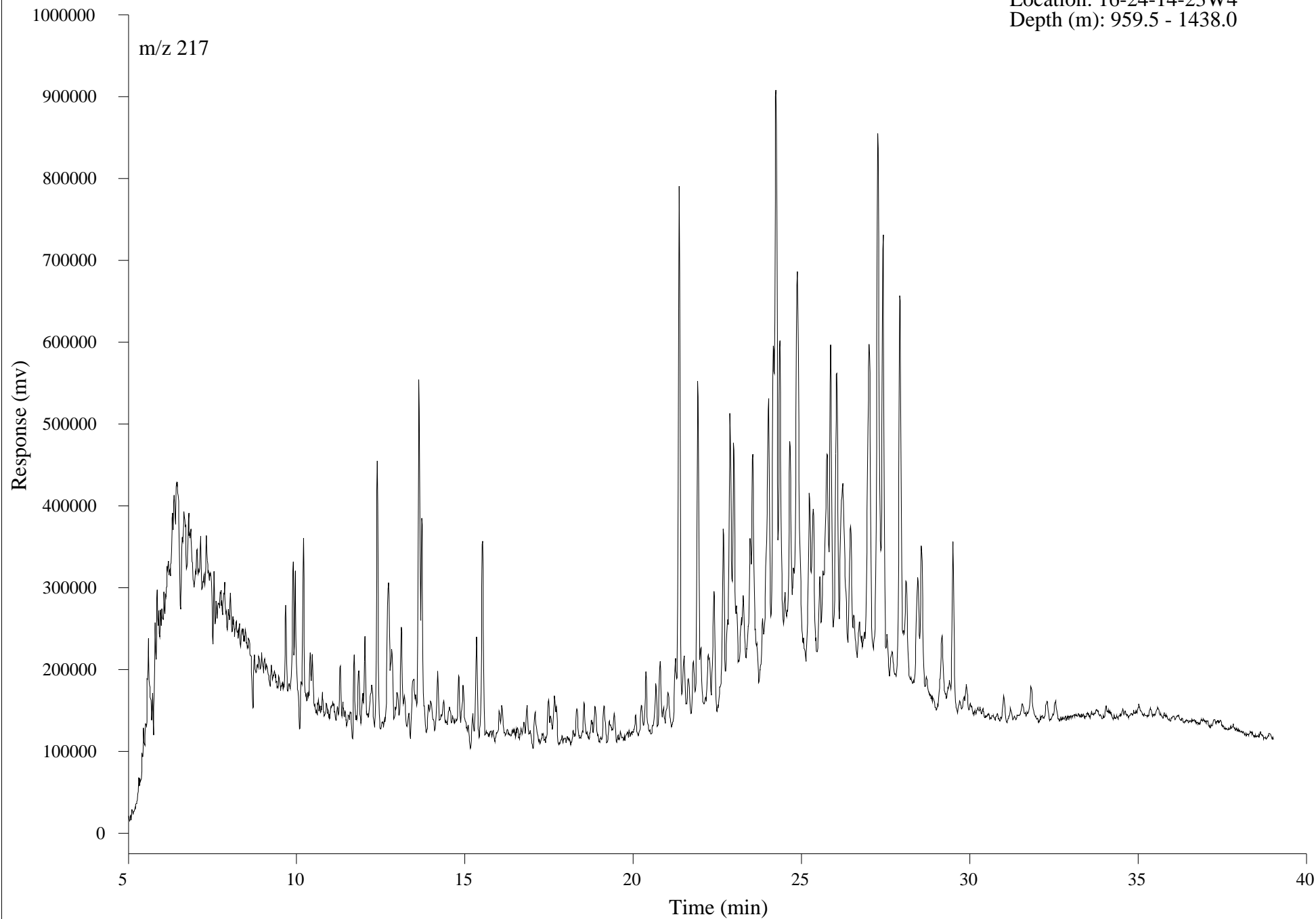
Lab Id: L01760  
GSC No: C-558351  
Location: 16-24-14-23W4  
Depth (m): 959.5 - 1438.0





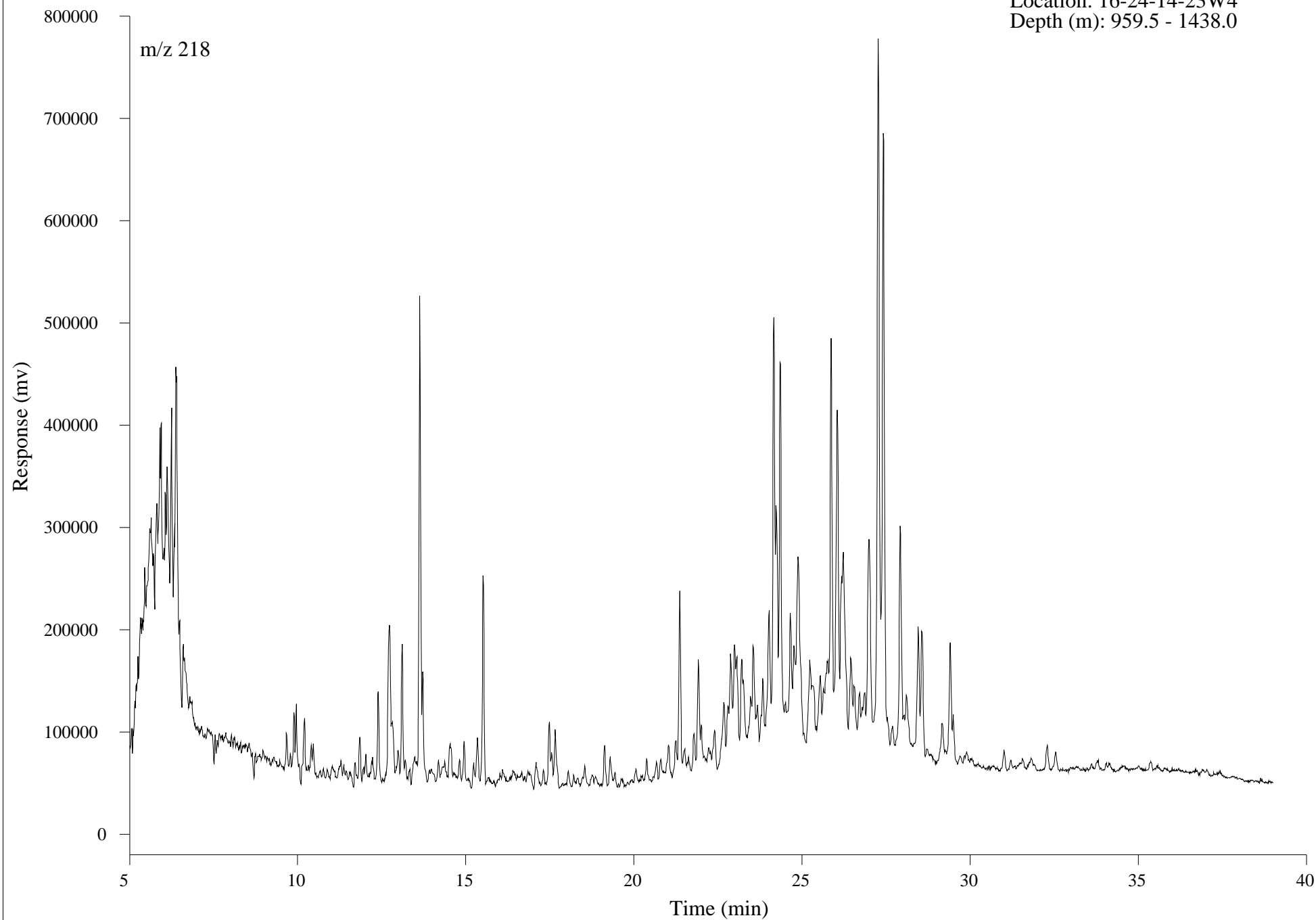
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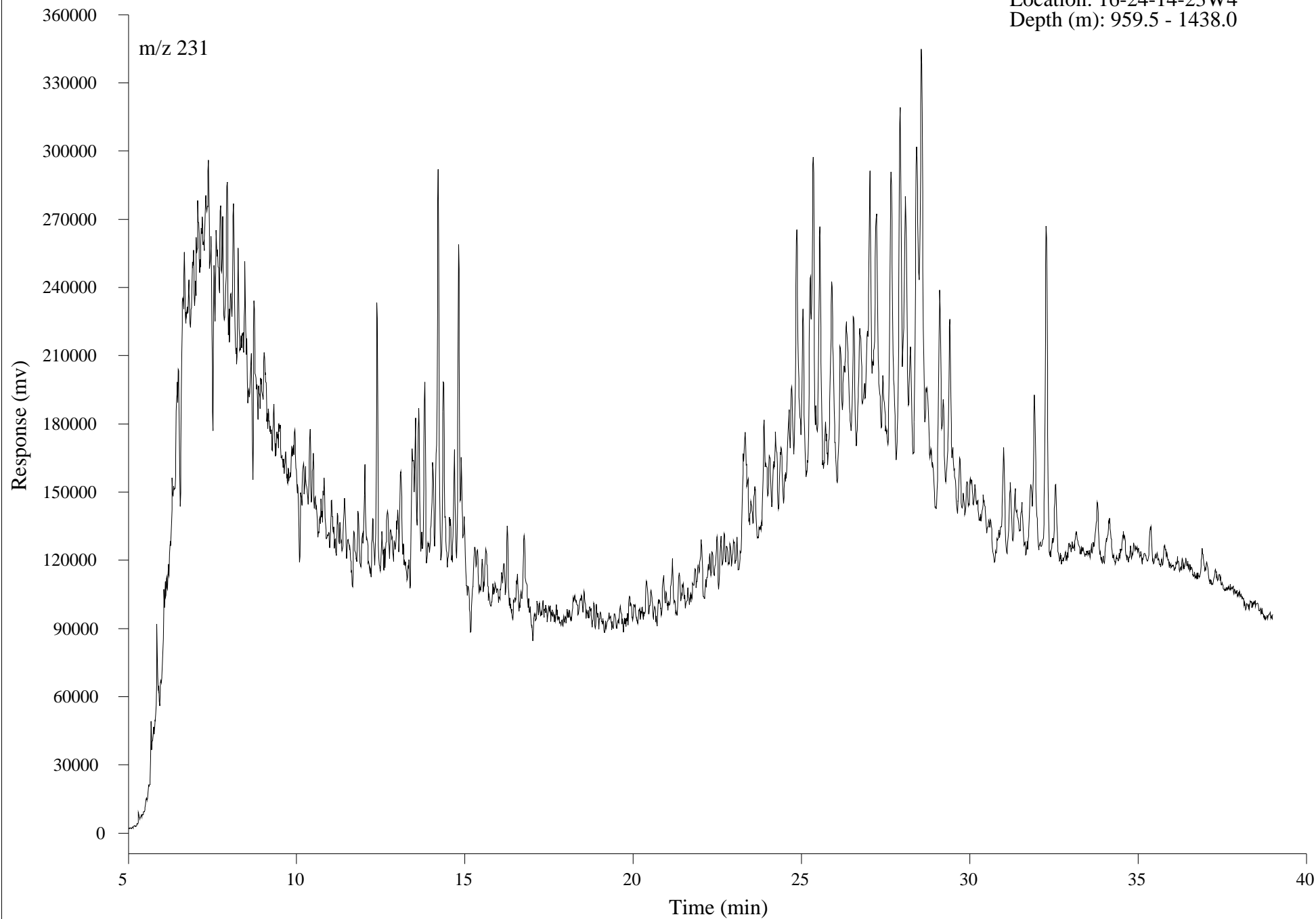
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