

# 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: L02456

GSC Catalog No: C-558739

Acquisition Date: 1997-09-11

Location: 2-20-15-19W4

UWI: 100022001519W400

Upper Depth (m): 1180.2

Lower Depth (m): 1187.8

Fraction: gasoline

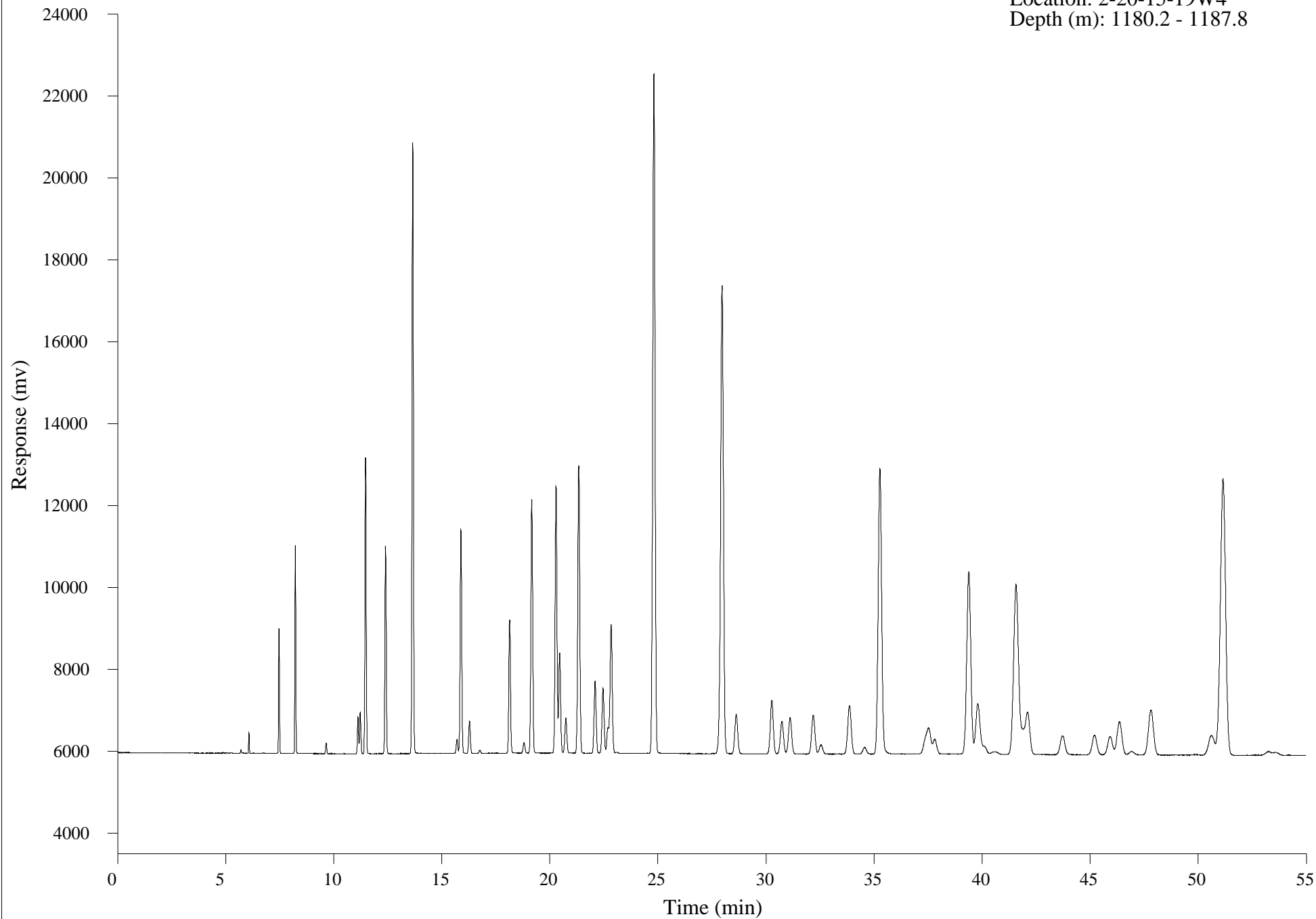
Instrument: HP 5890 GC

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

Time	Compound Name	Area	Height
7.47	iC5	8294.00	3038.32
8.23	nC5	14249.00	5069.02
9.65	22DMC4	963.00	257.65
11.12	CYC5	3460.00	907.51
11.23	23DMC4	4178.00	1020.73
11.47	2MC5	28559.00	7243.42
12.40	3MC5	21557.00	5069.53
13.66	nC6	64243.00	14904.49
15.71	22DMC5	1697.00	334.24
15.89	MCYC5	27234.00	5453.50
16.29	24DMC5	4188.00	794.25
16.77	223TMC4	354.00	66.41
18.14	BEN	17217.00	3254.35
18.81	33DMC5	1531.00	255.60
19.17	CYC6	35722.00	6193.60
20.29	2MC6	38381.00	6505.96
20.46	23DMC5	14846.00	2442.73
20.74	11DMCYC5	5476.00	852.23
21.34	3MC6	44568.00	7021.79
22.09	1c3DMCYC5	11650.00	1759.72
22.46	1t3DMCYC5	10734.00	1581.26
22.84	1t2DMCYC5	22900.00	3130.73
24.82	nC7	122171.00	16597.13
27.97	MCYC6	104180.00	11426.67
28.62	22DMC6	9163.00	958.10
30.27	ECYC5	12357.00	1303.29
30.74	25DMC6	7985.00	792.68
31.12	24DMC6	9033.00	886.40
32.19	223TMC5	9993.00	945.53
34.56	234TMC5	1650.00	154.36
35.27	TOL	78017.00	6954.10
39.39	2MC7	56483.00	4385.62
42.10	3MC7	16045.00	1027.62
50.62	1c4DMCYC6	8315.00	463.82
51.15	nC8	116149.00	6737.26

# Gasoline Gas Chromatogram

Lab Id: L02456  
GSC No: C-558739  
Location: 2-20-15-19W4  
Depth (m): 1180.2 - 1187.8



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Sample ID: L02456

GSC Catalog No: C-558739

Acquisition Date: 1997-09-15

Location: 2-20-15-19W4

UWI: 100022001519W400

Upper Depth (m): 1180.2

Lower Depth (m): 1187.8

Fraction: saturate

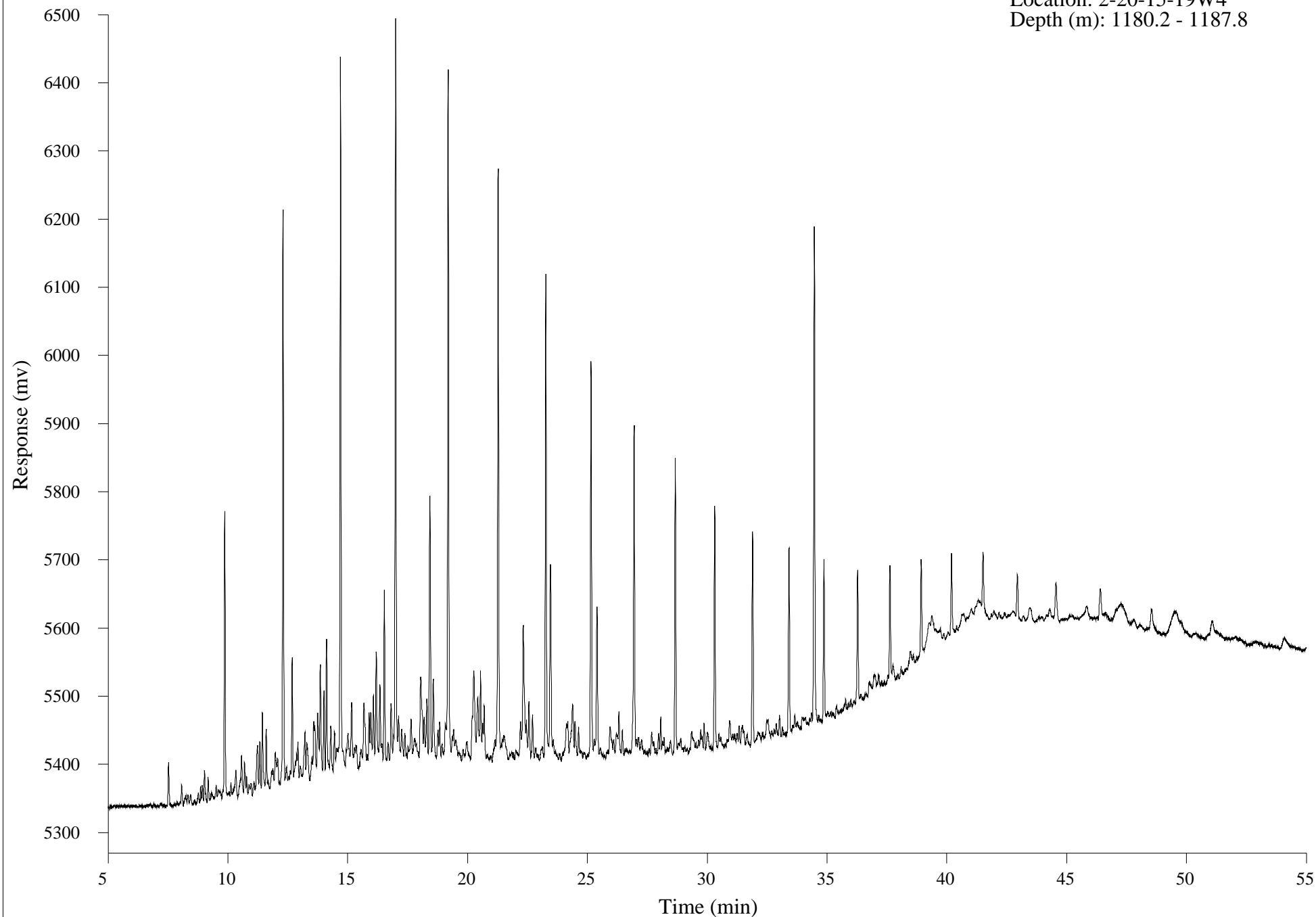
Instrument: Varian 3800 GC

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

Time	Compound Name	Area	Height
7.52	C10	176.12	64.07
9.87	C11	1163.52	419.86
12.30	C12	2402.04	839.88
14.70	C13	2944.79	1026.27
17.00	C14	3311.40	1082.94
19.19	C15	3119.93	1005.91
21.28	C16	2543.35	848.67
23.27	C17	2159.56	707.00
23.46	Pr	943.05	270.96
25.16	C18	1760.58	575.23
25.41	Ph	721.87	208.07
26.95	C19	1559.26	474.53
28.67	C20	1307.83	430.72
30.32	C21	1099.16	357.76
31.90	C22	995.65	312.56
33.42	C23	877.59	273.52
34.88	C24	746.77	237.98
36.28	C25	640.41	193.84
37.63	C26	500.15	164.31
38.93	C27	432.34	139.20
40.20	C28	385.54	116.72
41.52	C29	304.98	82.83
42.95	C30	227.27	61.95
44.56	C31	273.03	54.00
46.41	C32	229.37	43.15

# Saturated Hydrocarbons Gas Chromatogram

Lab Id: L02456  
GSC No: C-558739  
Location: 2-20-15-19W4  
Depth (m): 1180.2 - 1187.8



# 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: L02456

GSC Catalog No: C-558739

Acquisition Date: 1997-07-14

Location: 2-20-15-19W4

UWI: 100022001519W400

Upper Depth (m): 1180.2

Lower Depth (m): 1187.8

Fraction: saturate

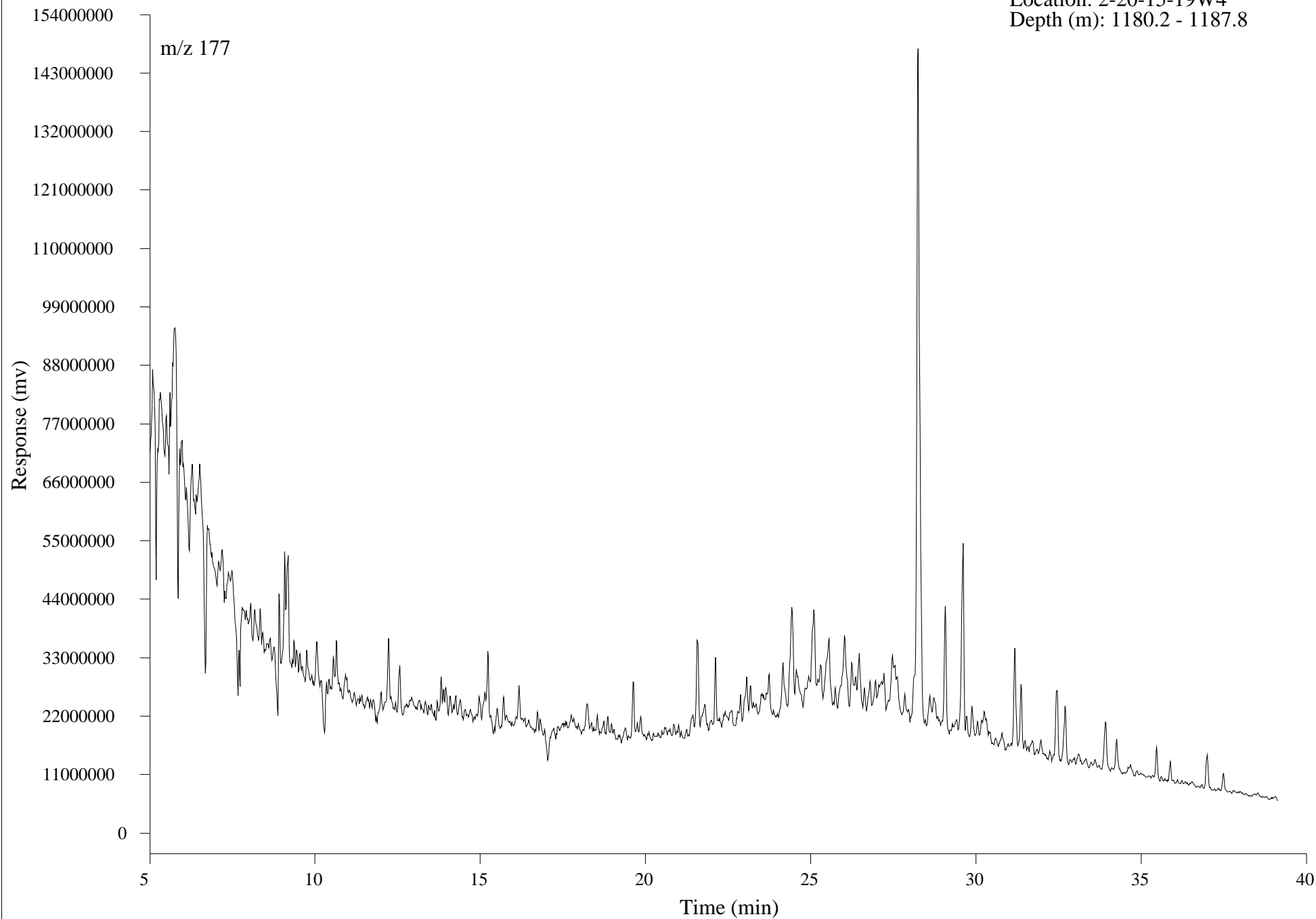
Instrument: HP 5890 GC/VG70SQ MS

MS Mode: Selected Ion Monitoring + EI

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

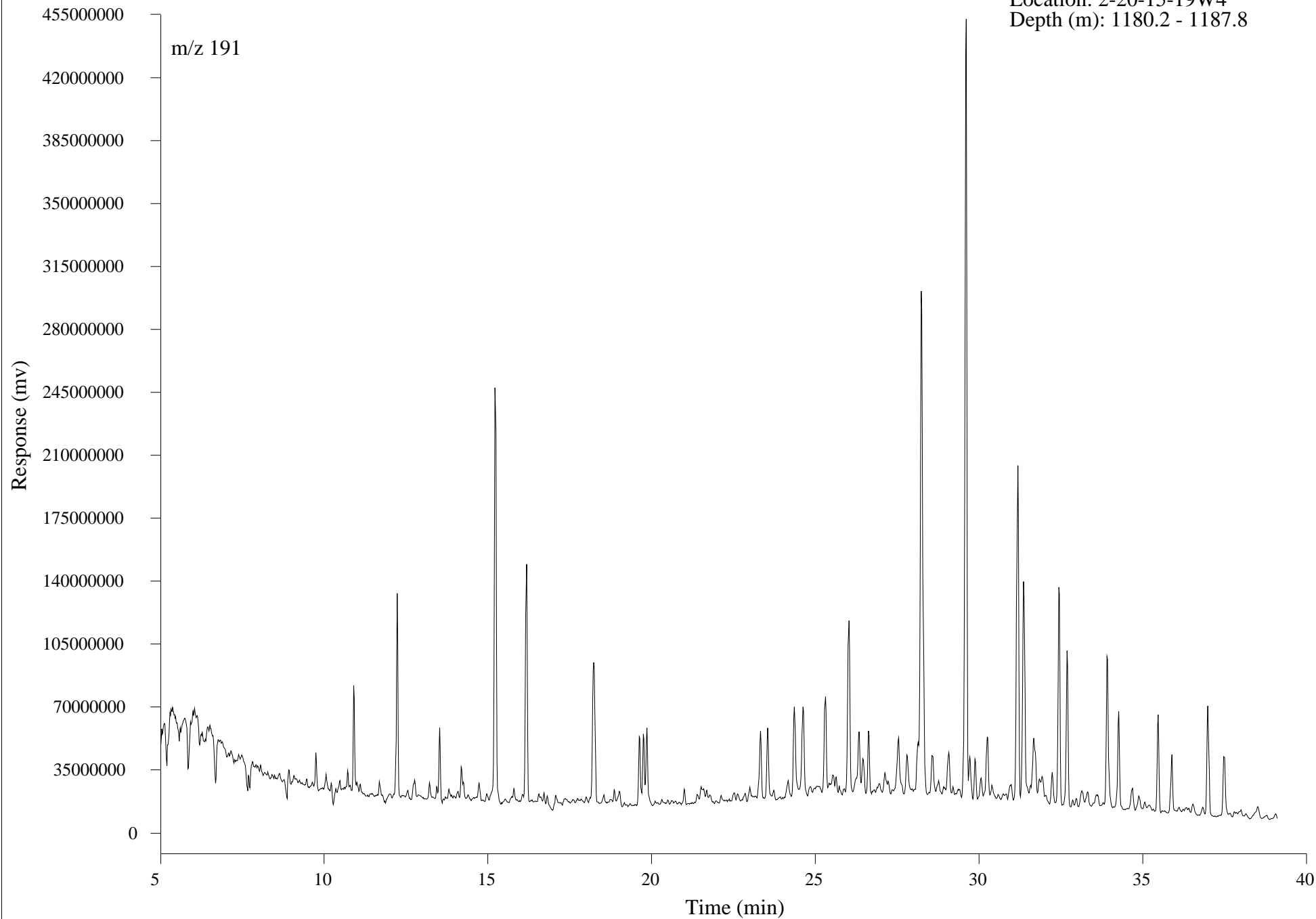
# Saturated Hydrocarbons Mass Chromatogram

Lab Id: L02456  
GSC No: C-558739  
Location: 2-20-15-19W4  
Depth (m): 1180.2 - 1187.8



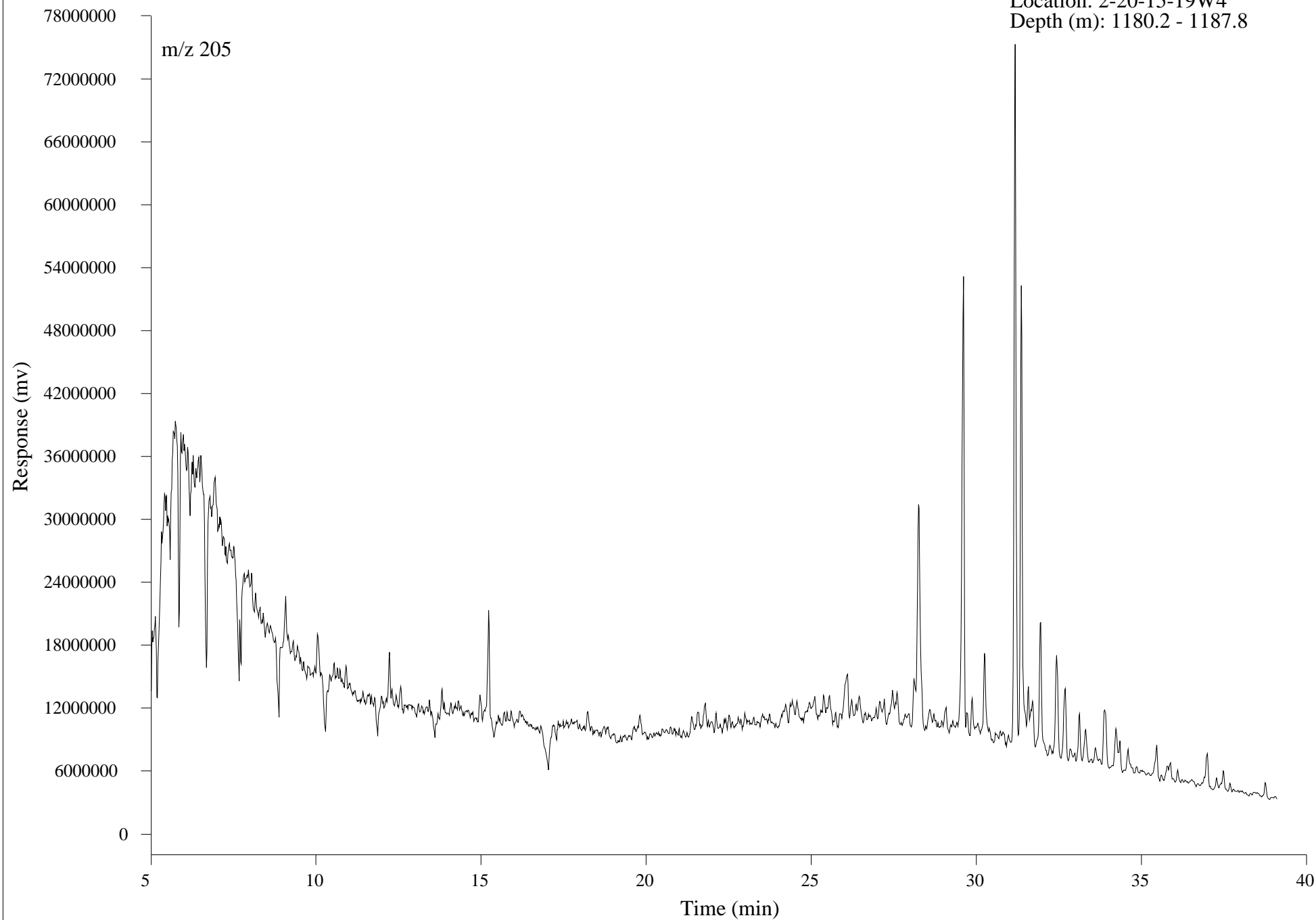
# Saturated Hydrocarbons Mass Chromatogram

Lab Id: L02456  
GSC No: C-558739  
Location: 2-20-15-19W4  
Depth (m): 1180.2 - 1187.8



# Saturated Hydrocarbons Mass Chromatogram

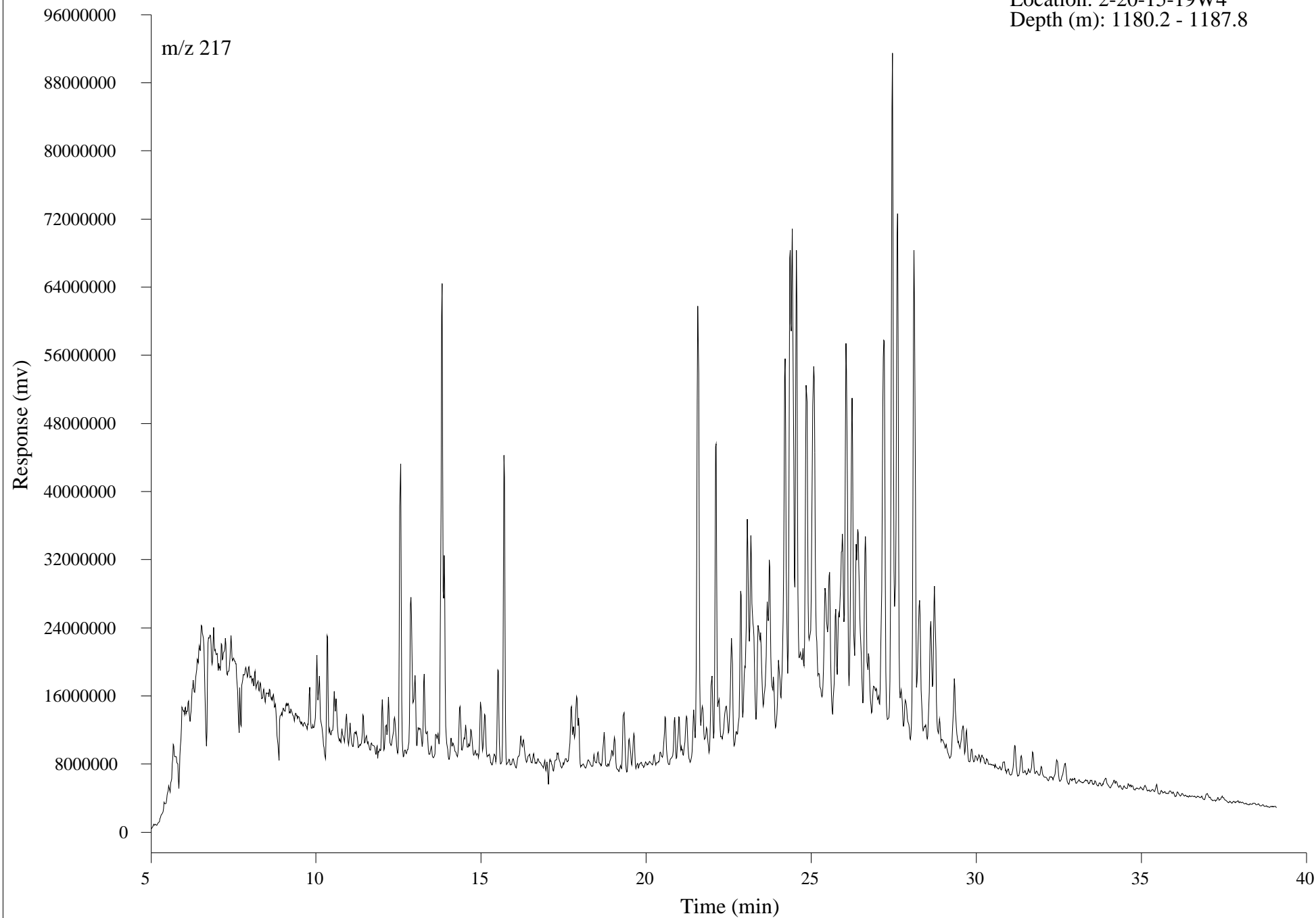
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GSC No: C-558739  
Location: 2-20-15-19W4  
Depth (m): 1180.2 - 1187.8





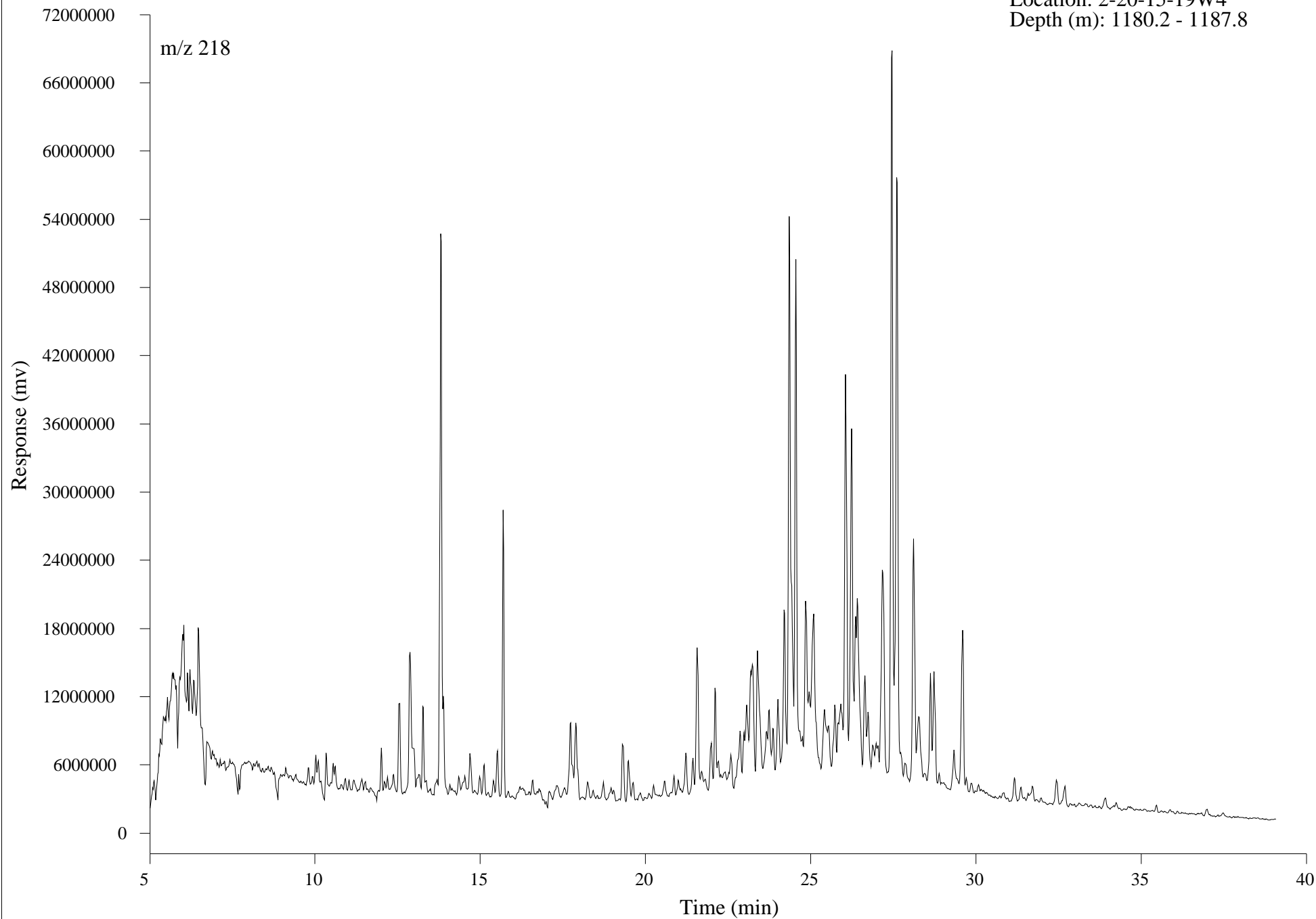
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Lab Id: L02456  
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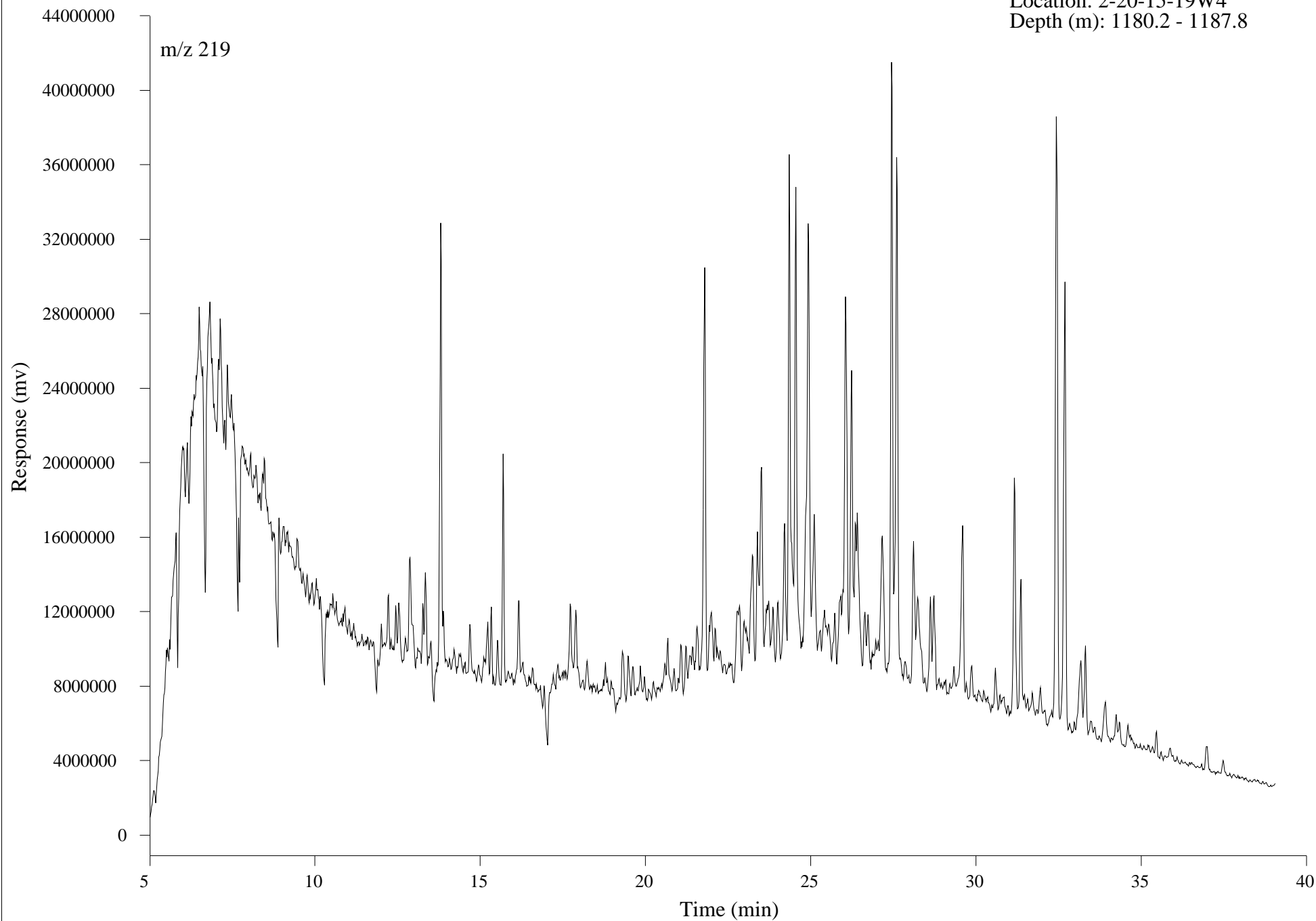
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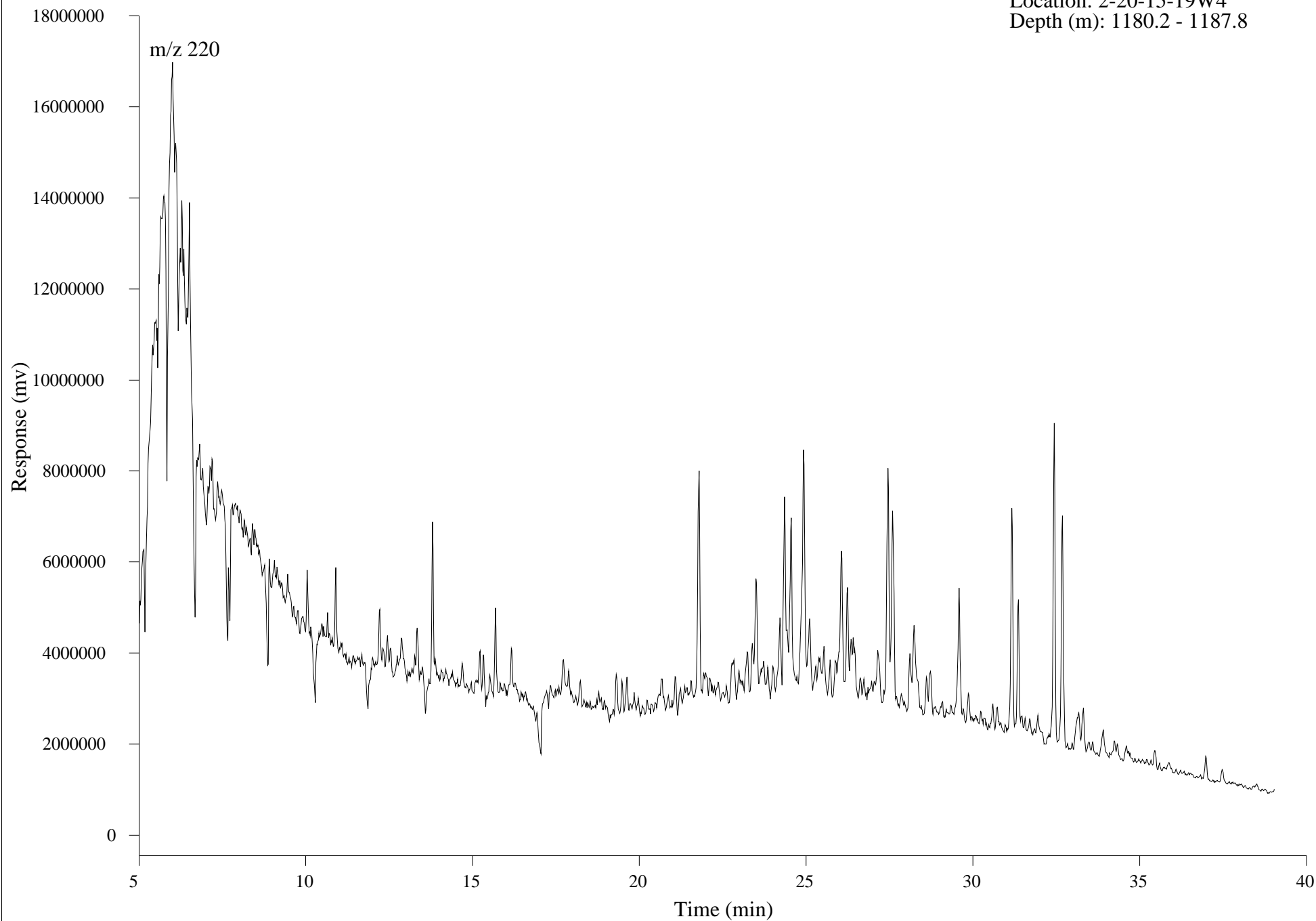
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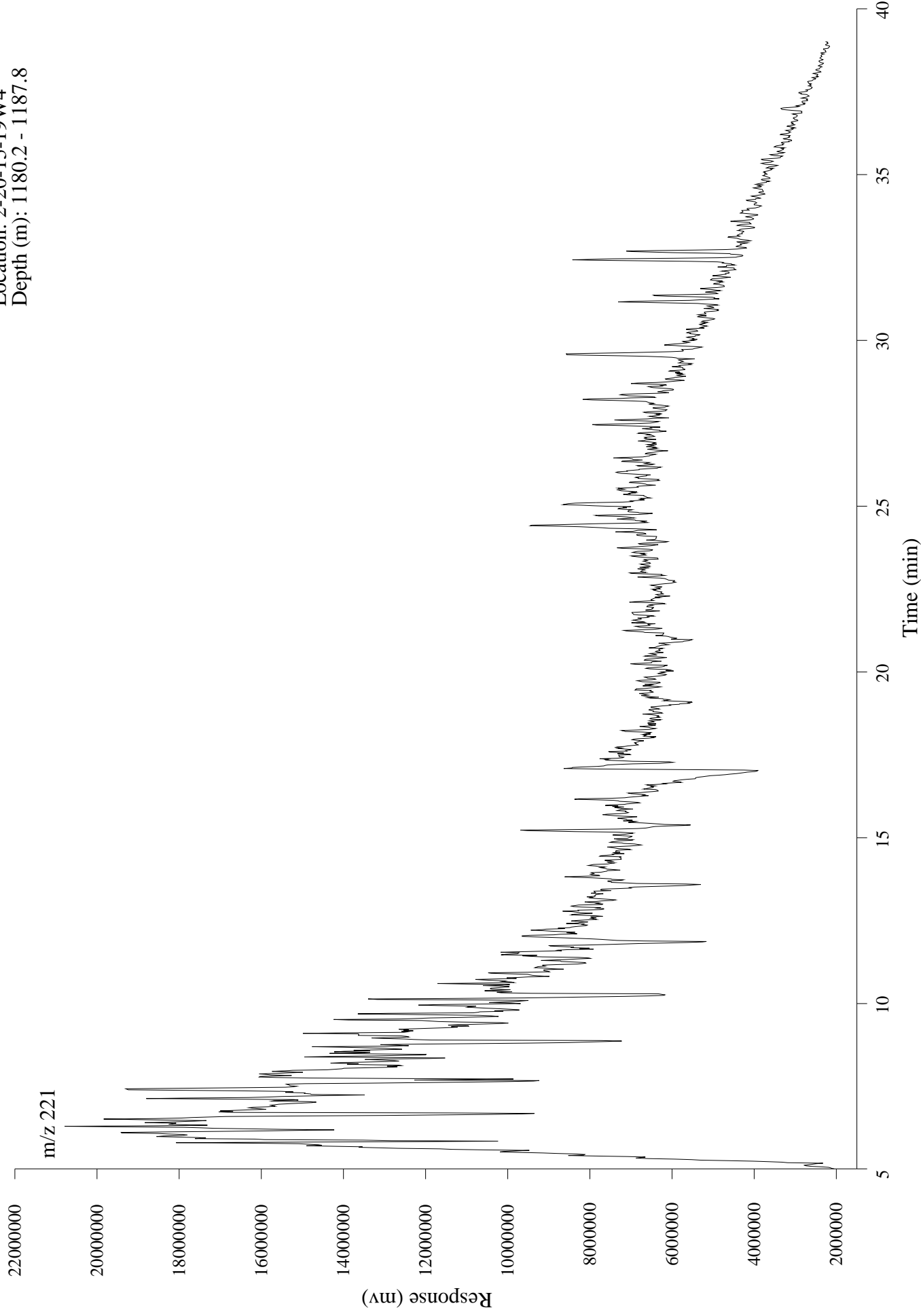
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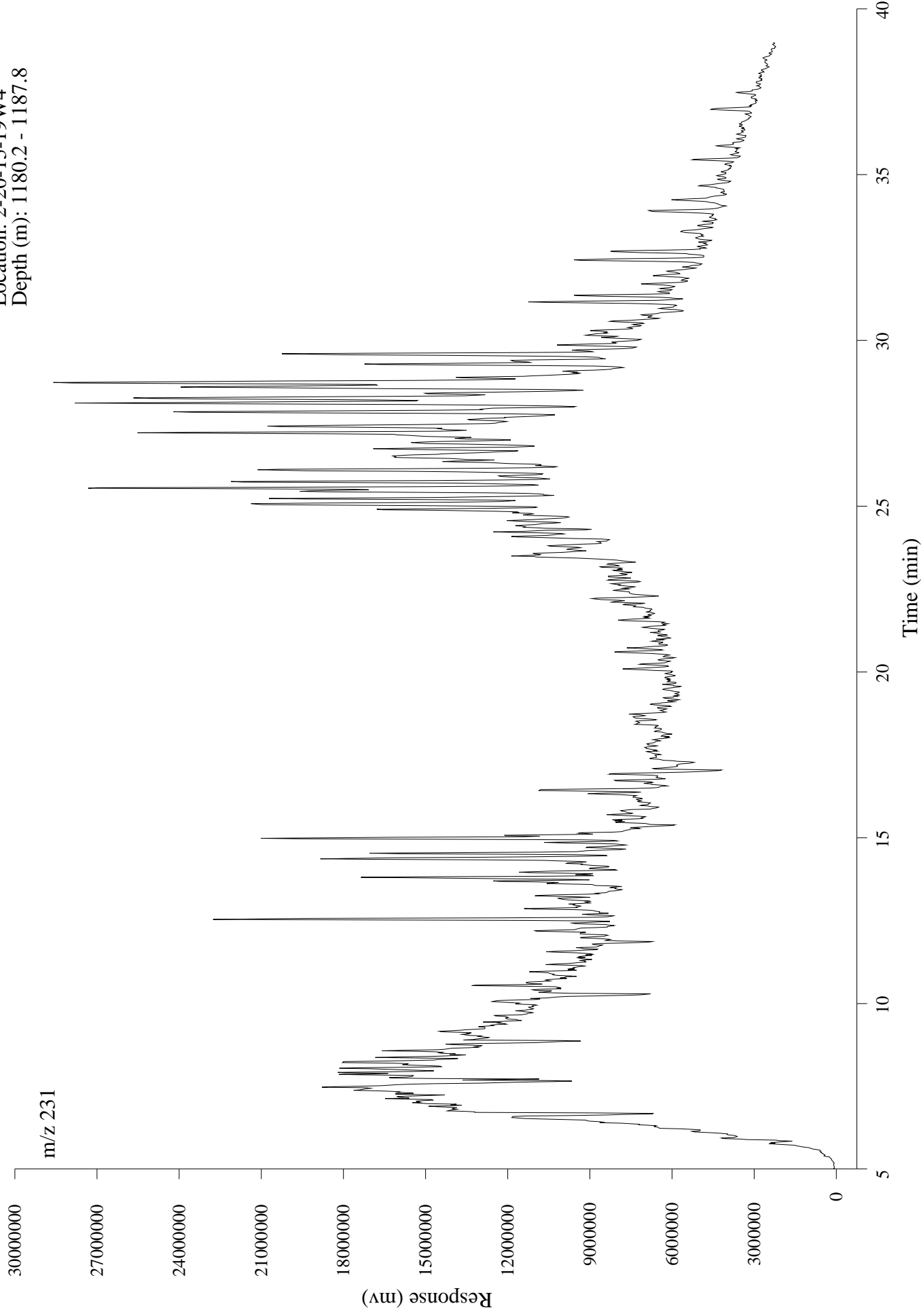
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