

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: L02452

GSC Catalog No: C-559719

Acquisition Date: 1997-09-10

Location: 15-12-15-19W4

UWI: 100151201519W400

Upper Depth (m): 1163.0

Lower Depth (m): 1169.0

Fraction: gasoline

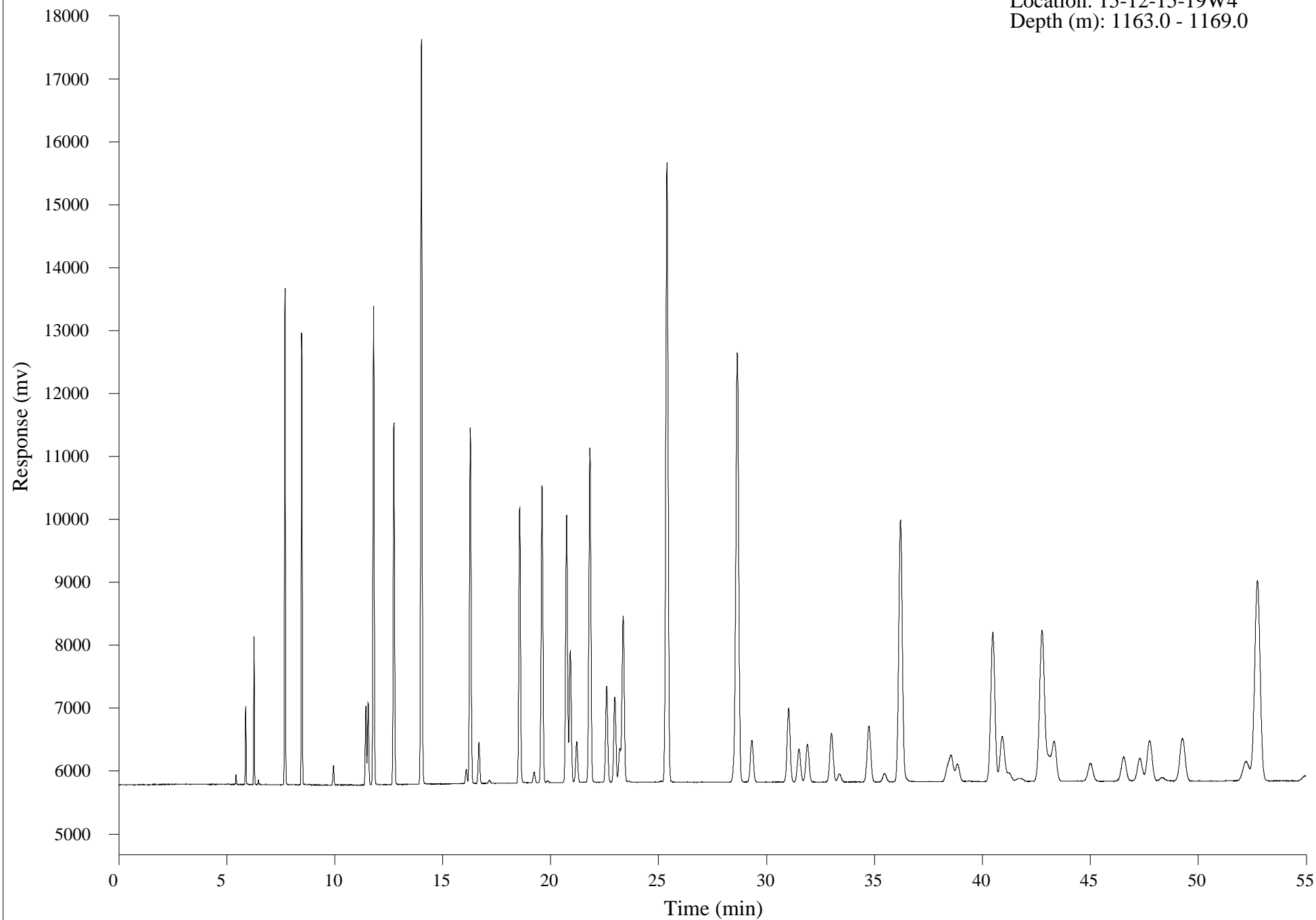
Instrument: HP 5890 GC

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

Time	Compound Name	Area	Height
7.70	iC5	21789.00	7882.52
8.48	nC5	20570.00	7184.61
9.94	22DMC4	1156.00	305.53
11.44	CYC5	4862.00	1257.40
11.55	23DMC4	5353.00	1302.98
11.80	2MC5	30156.00	7600.36
12.74	3MC5	24587.00	5744.99
14.02	nC6	51607.00	11837.25
16.10	22DMC5	1157.00	223.27
16.28	MCYC5	28575.00	5648.38
16.68	24DMC5	3453.00	653.96
17.17	223TMC4	298.00	53.89
18.57	BEN	23275.00	4365.16
19.24	33DMC5	1019.00	172.03
19.60	CYC6	27532.00	4718.46
20.74	2MC6	25755.00	4248.18
20.91	23DMC5	13234.00	2103.68
21.21	11DMCYC5	4258.00	649.52
21.82	3MC6	34430.00	5315.06
22.60	1c3DMCYC5	10345.00	1527.84
22.98	1t3DMCYC5	9353.00	1351.16
23.36	1t2DMCYC5	19647.00	2636.31
25.39	nC7	74118.00	9840.05
28.65	MCYC6	64718.00	6815.64
29.32	22DMC6	6496.00	659.80
31.02	ECYC5	11419.00	1169.62
31.50	25DMC6	5264.00	516.52
31.90	24DMC6	6082.00	590.94
33.01	223TMC5	8462.00	771.47
35.47	234TMC5	1416.00	128.12
36.21	TOL	48120.00	4143.83
40.48	2MC7	30749.00	2322.30
43.32	3MC7	9882.00	624.89
52.21	1c4DMCYC6	5652.00	299.57
52.73	nC8	57527.00	3184.00

Gasoline Gas Chromatogram

Lab Id: L02452
GSC No: C-559719
Location: 15-12-15-19W4
Depth (m): 1163.0 - 1169.0



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Sample ID: L02452

GSC Catalog No: C-559719

Acquisition Date: 1998-05-21

Location: 15-12-15-19W4

UWI: 100151201519W400

Upper Depth (m): 1163.0

Lower Depth (m): 1169.0

Fraction: saturate

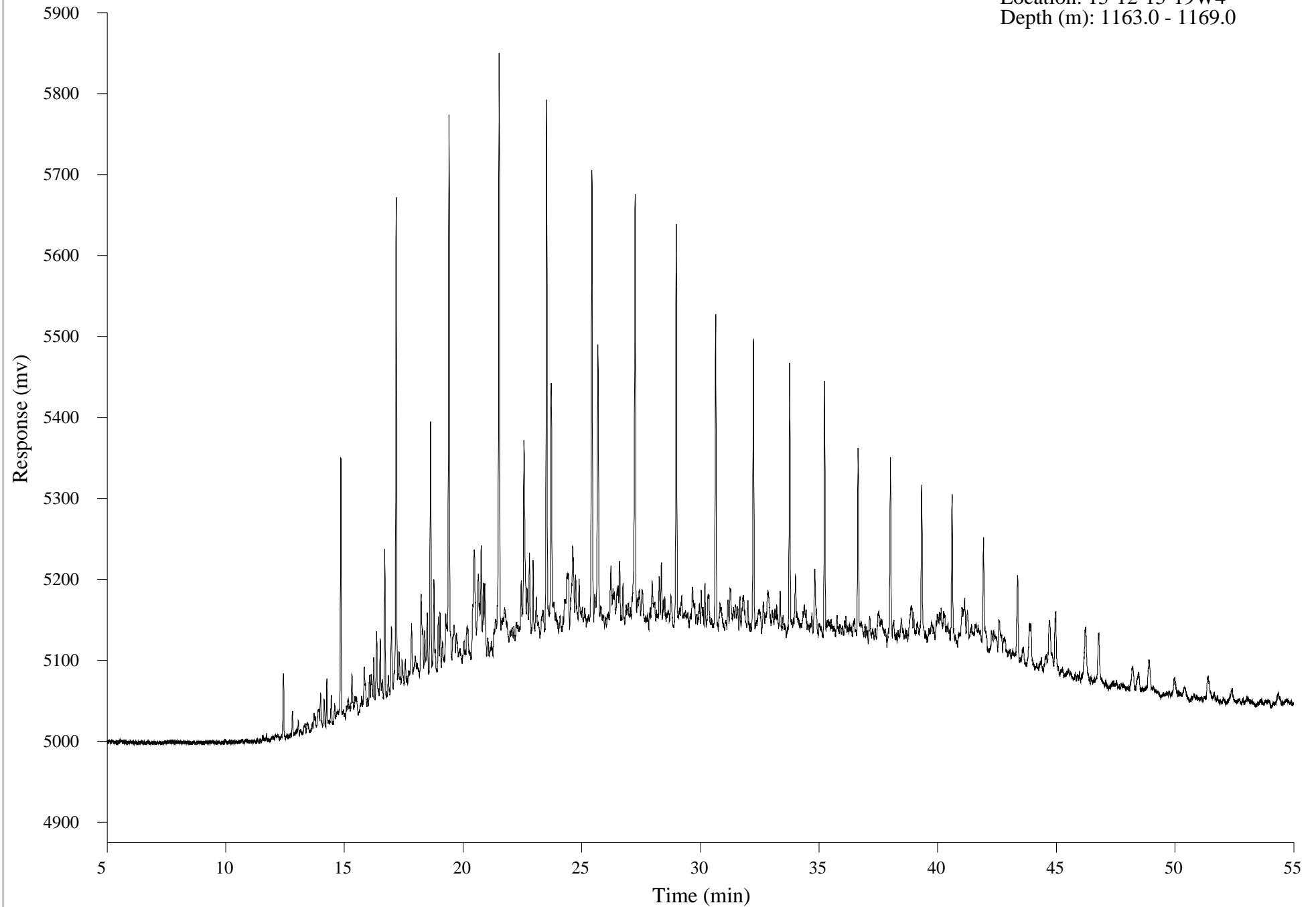
Instrument: Varian 3800 GC

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

Time	Compound Name	Area	Height
12.43	C12	214.52	80.10
14.85	C13	760.28	317.81
17.19	C14	1750.63	612.13
19.41	C15	2157.52	680.14
21.53	C16	2202.02	713.87
23.53	C17	1805.43	640.80
23.72	Pr	860.19	287.36
25.44	C18	1799.43	560.66
25.69	Ph	1247.24	337.17
27.25	C19	1677.77	510.07
28.99	C20	1435.49	495.98
30.65	C21	1192.32	390.18
32.24	C22	1088.81	361.19
33.77	C23	933.99	327.91
35.24	C24	832.28	314.20
36.65	C25	705.67	227.61
38.02	C26	707.92	223.45
39.33	C27	639.66	187.33
40.61	C28	576.06	180.70
41.94	C29	369.64	121.11
43.37	C30	414.34	105.07
44.98	C31	309.63	69.73
46.79	C32	276.03	57.21

Saturated Hydrocarbons Gas Chromatogram

Lab Id: L02452
GSC No: C-559719
Location: 15-12-15-19W4
Depth (m): 1163.0 - 1169.0



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: L02452

GSC Catalog No: C-559719

Acquisition Date: 1997-07-10

Location: 15-12-15-19W4

UWI: 100151201519W400

Upper Depth (m): 1163.0

Lower Depth (m): 1169.0

Fraction: saturate

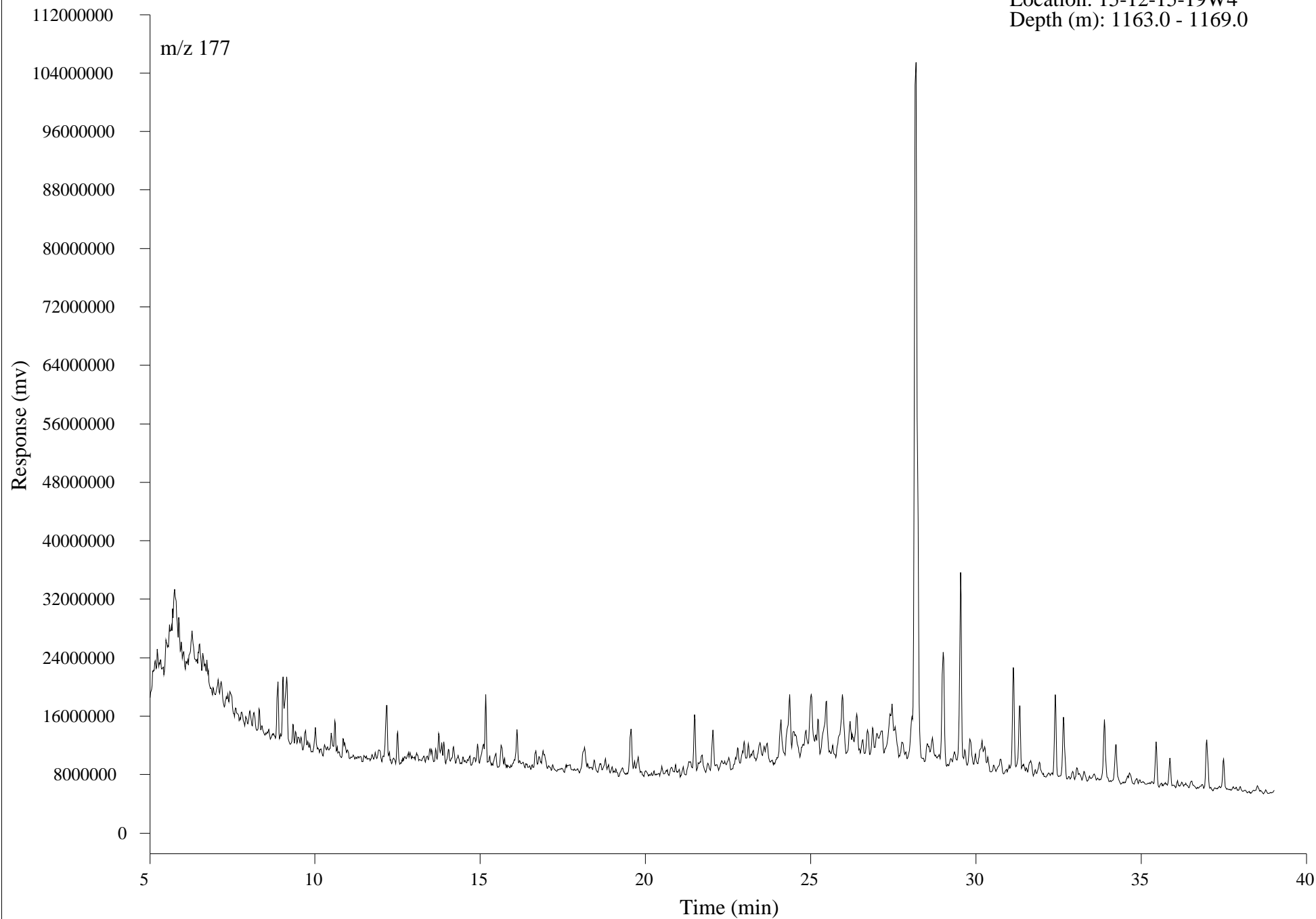
Instrument: HP 5890 GC/VG70SQ MS

MS Mode: Selected Ion Monitoring + EI

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

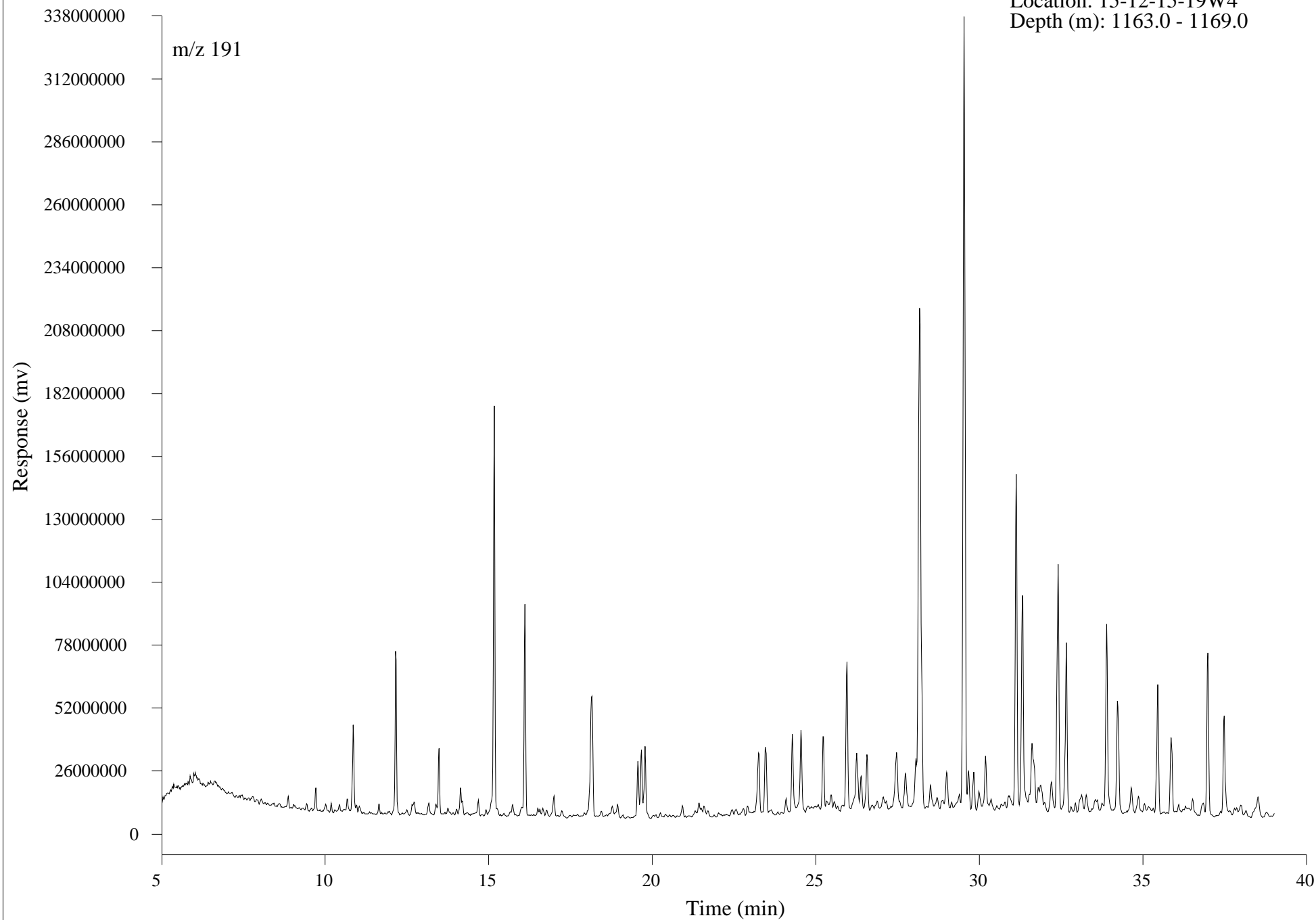
Saturated Hydrocarbons Mass Chromatogram

Lab Id: L02452
GSC No: C-559719
Location: 15-12-15-19W4
Depth (m): 1163.0 - 1169.0



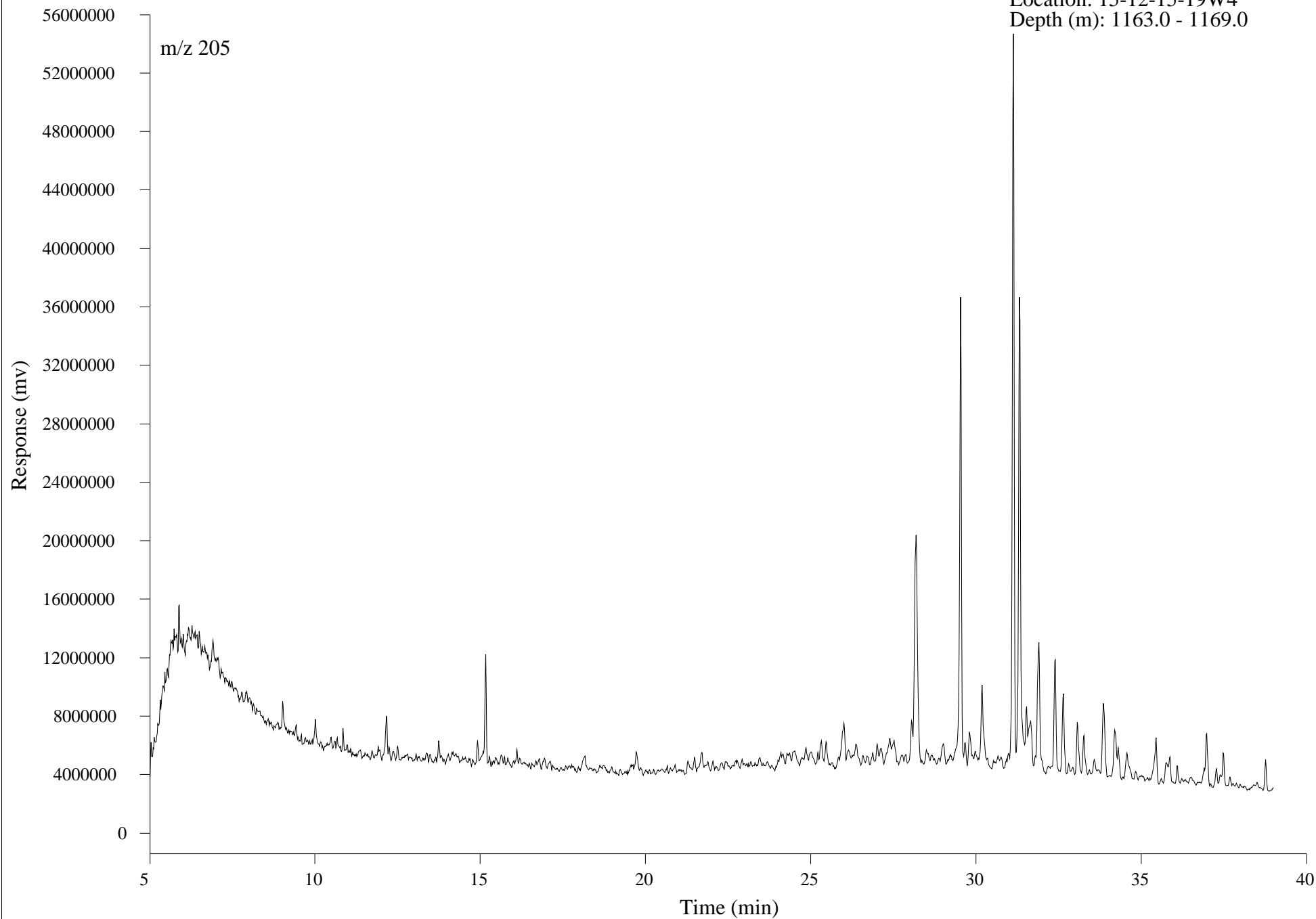
Saturated Hydrocarbons Mass Chromatogram

Lab Id: L02452
GSC No: C-559719
Location: 15-12-15-19W4
Depth (m): 1163.0 - 1169.0



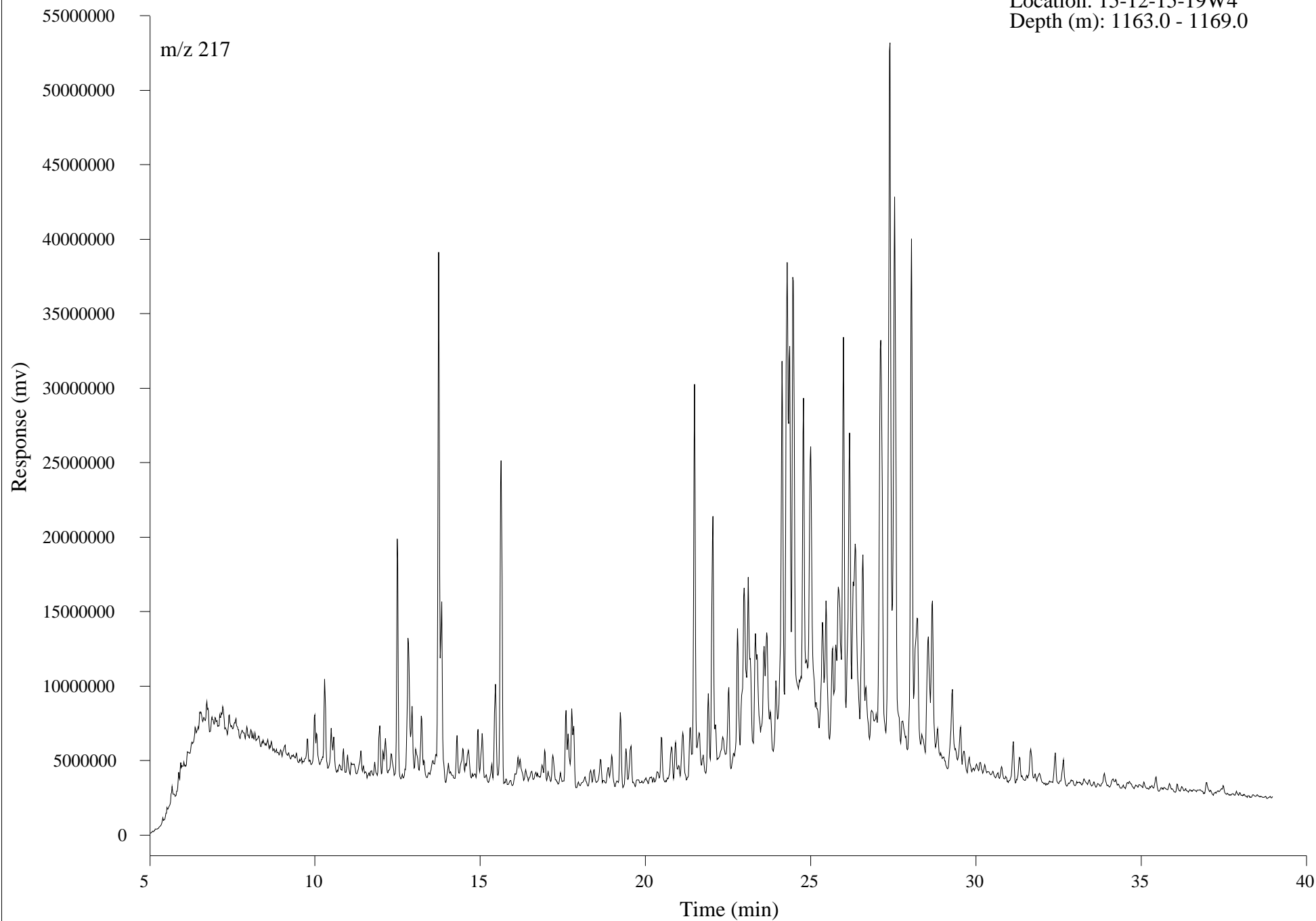
Saturated Hydrocarbons Mass Chromatogram

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GSC No: C-559719
Location: 15-12-15-19W4
Depth (m): 1163.0 - 1169.0



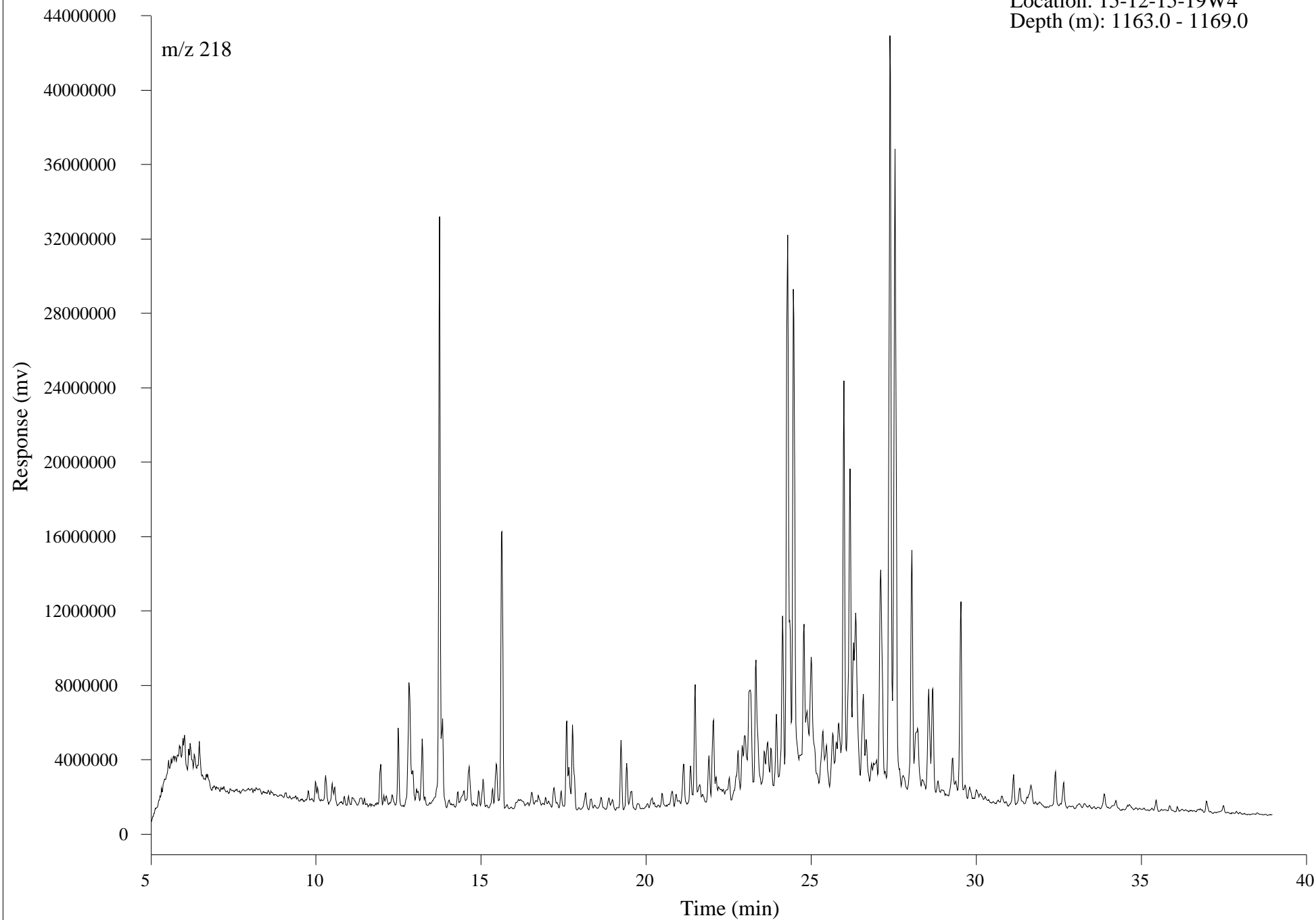
Saturated Hydrocarbons Mass Chromatogram

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Depth (m): 1163.0 - 1169.0



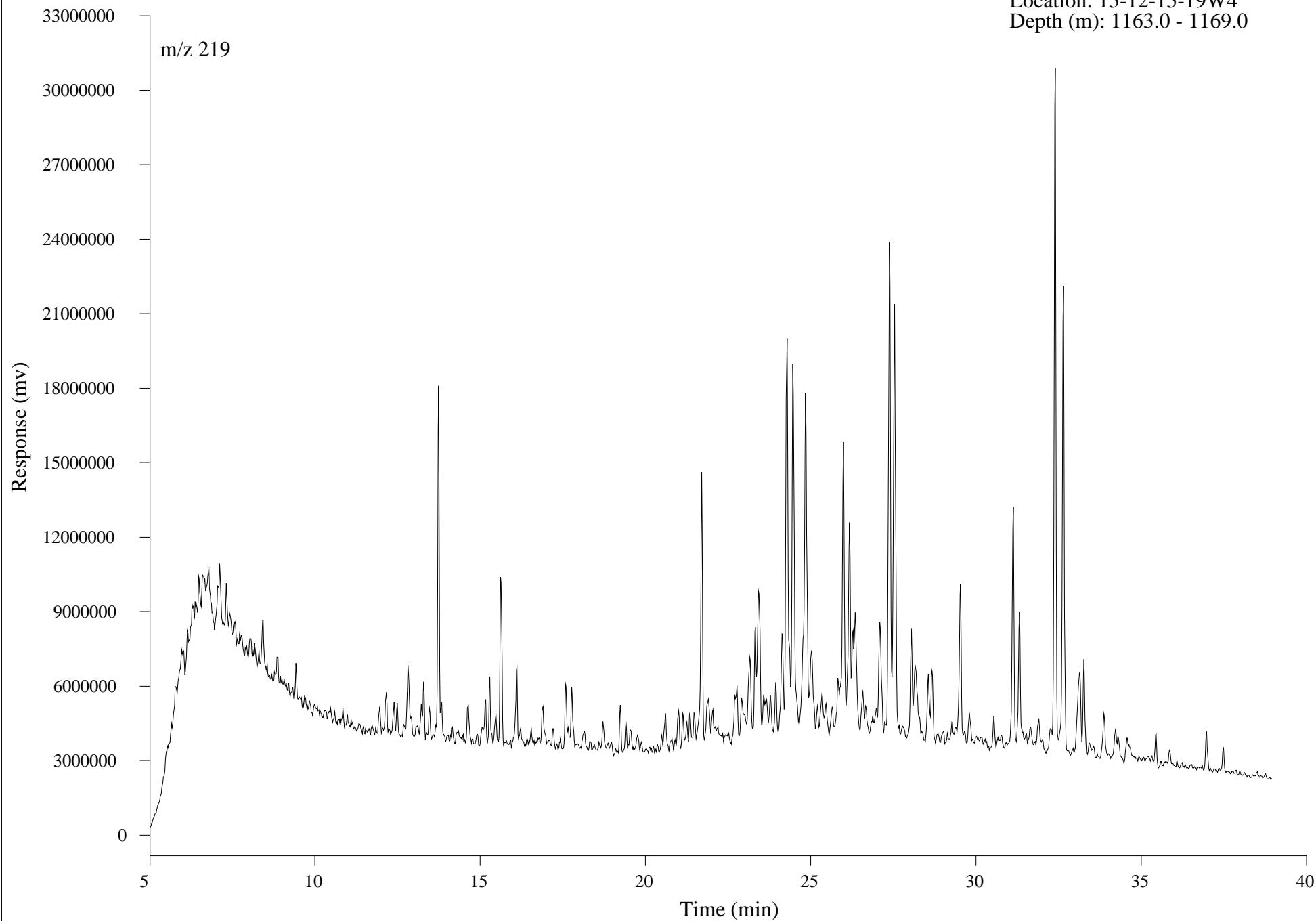
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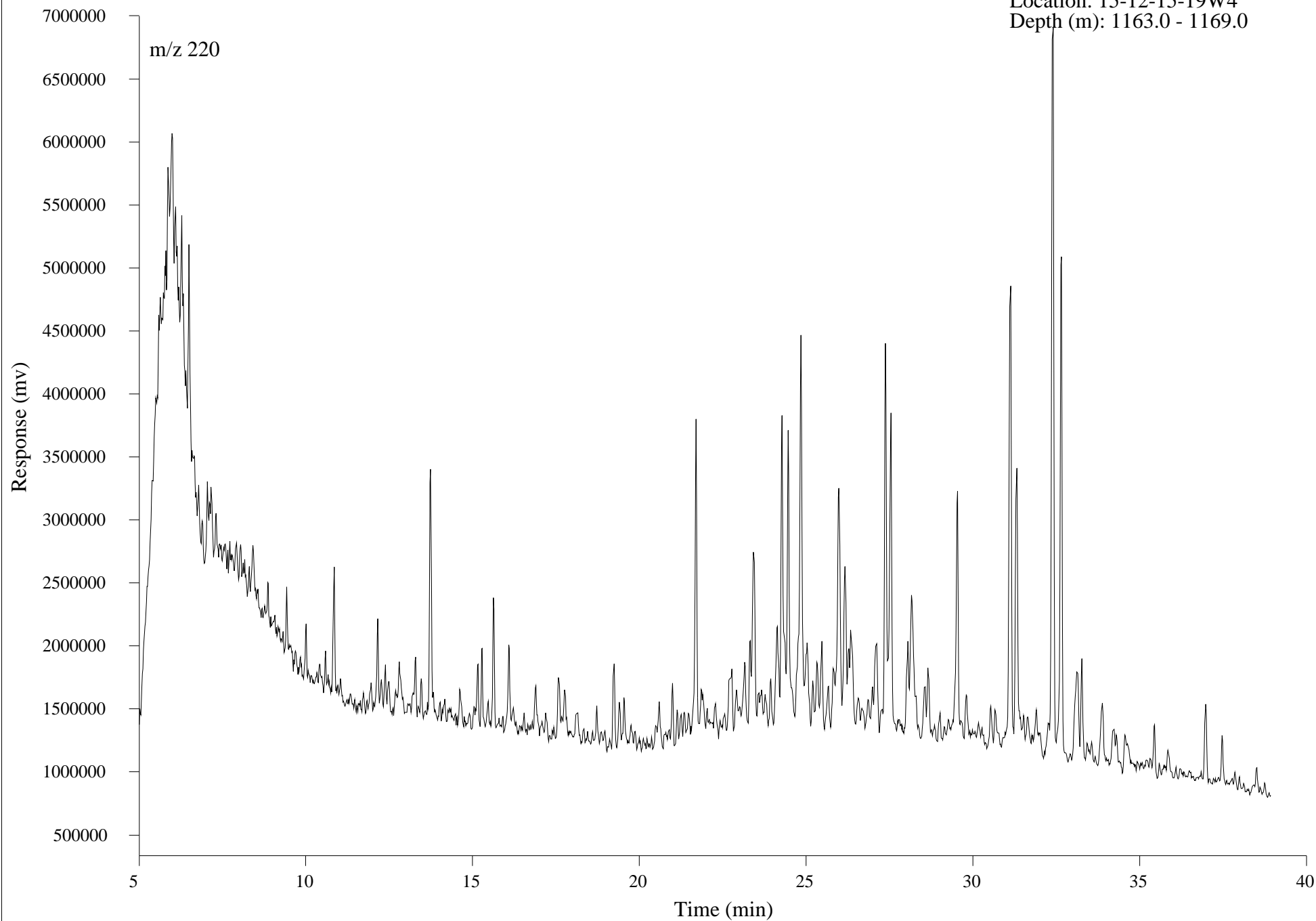
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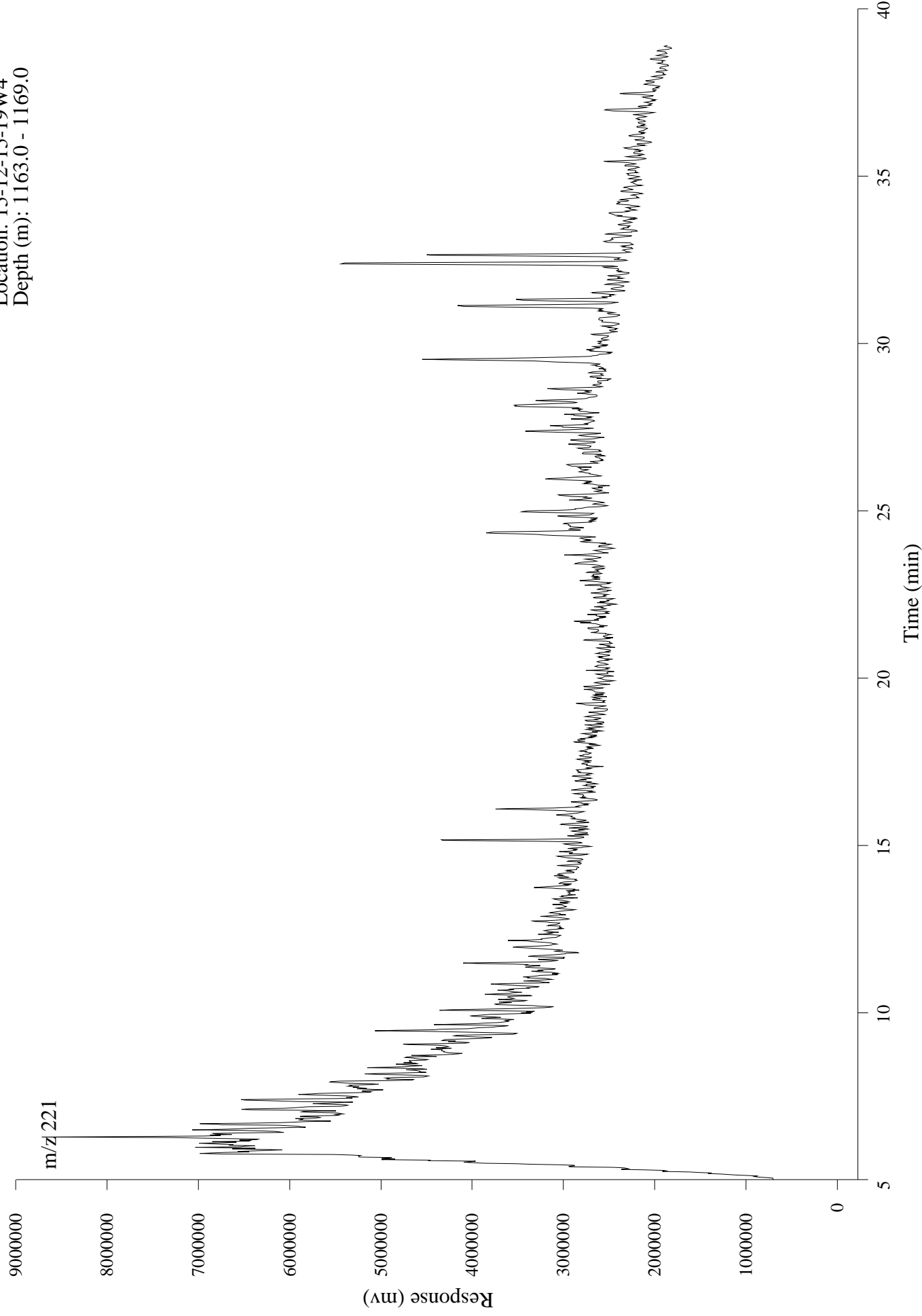
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Location: 15-12-15-19W4
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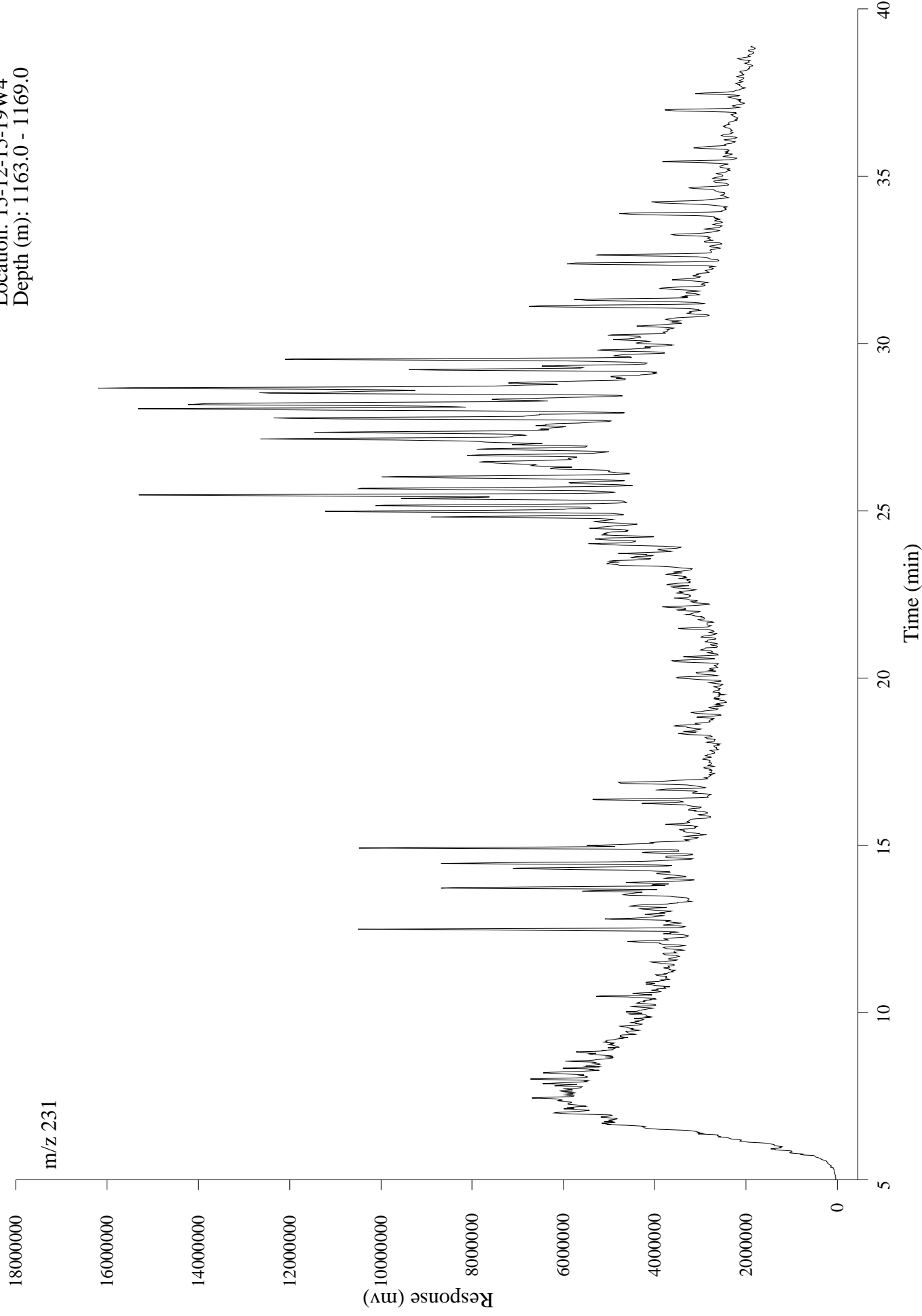
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GSC No: C-559719
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Lab Id: L02452
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