

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: L02489

GSC Catalog No: C-559721

Acquisition Date: 1997-12-04

Location: 10-22-25-23W4

UWI: 102102202523W400

Upper Depth (m): 1584.0

Lower Depth (m): 1589.0

Fraction: gasoline

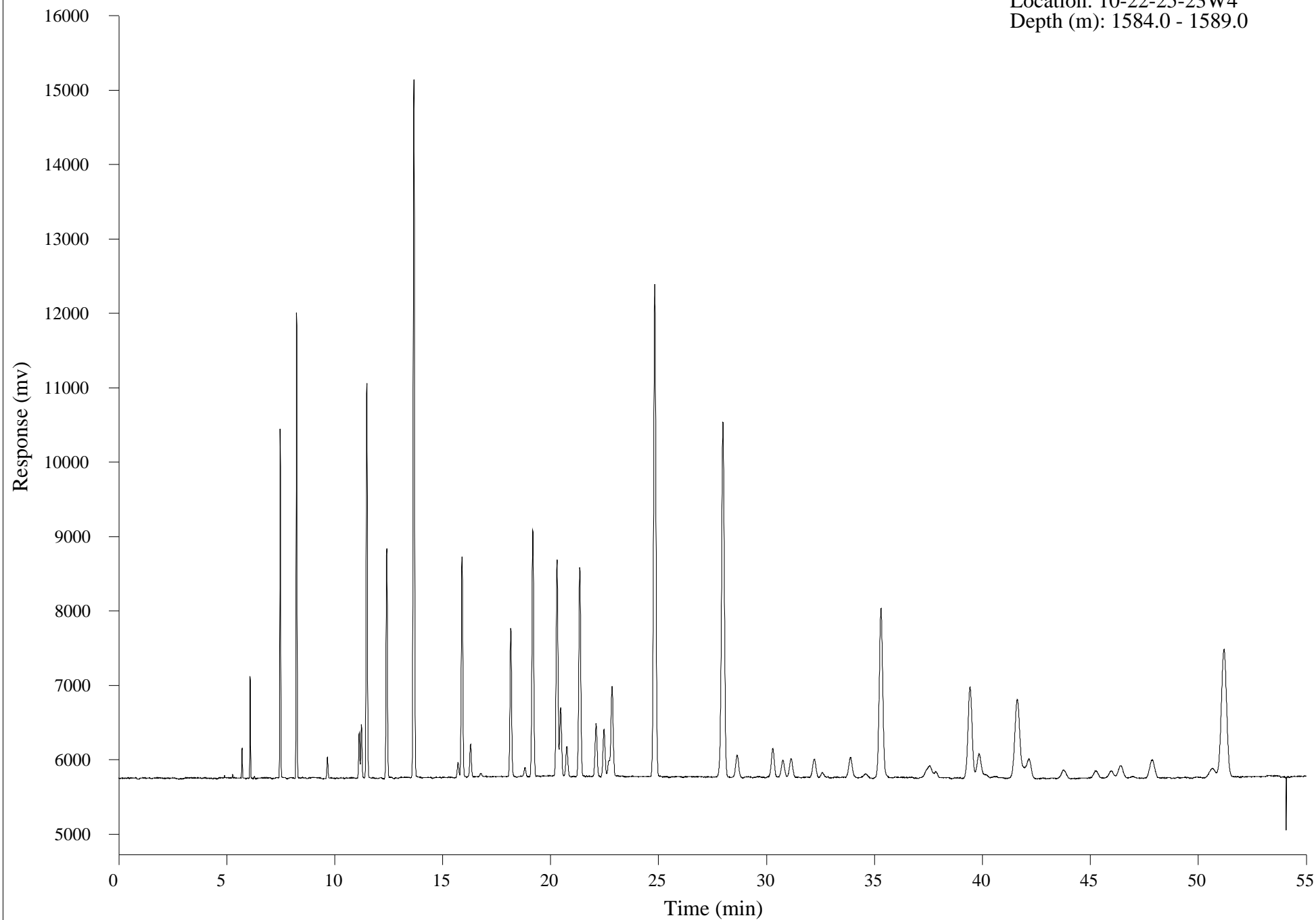
Instrument: HP 5890 GC

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

Time	Compound Name	Area	Height
7.48	iC5	12240.00	4719.59
8.24	nC5	17120.00	6257.92
9.66	22DMC4	1020.00	283.98
11.14	CYC5	2259.00	612.12
11.24	23DMC4	2915.00	724.74
11.49	2MC5	20617.00	5304.08
12.41	3MC5	12970.00	3087.24
13.67	nC6	40054.00	9403.34
15.71	22DMC5	1043.00	203.38
15.90	MCYC5	14733.00	2962.54
16.29	24DMC5	2266.00	433.87
16.78	223TMC4	228.00	42.60
18.16	BEN	10485.00	1996.92
18.81	33DMC5	748.00	123.59
19.18	CYC6	19053.00	3313.95
20.30	2MC6	17176.00	2906.78
20.47	23DMC5	5557.00	923.51
20.75	11DMCYC5	2606.00	403.09
21.35	3MC6	17780.00	2812.65
22.11	1c3DMCYC5	4647.00	708.45
22.47	1t3DMCYC5	4008.00	619.93
22.84	1t2DMCYC5	9091.00	1243.00
24.82	nC7	48569.00	6621.03
27.98	MCYC6	43374.00	4775.79
28.64	22DMC6	2975.00	302.09
30.29	ECYC5	3579.00	384.91
30.76	25DMC6	2197.00	222.21
31.14	24DMC6	2564.00	248.33
32.21	223TMC5	2582.00	246.00
34.59	234TMC5	787.00	57.11
35.30	TOL	25177.00	2260.70
39.43	2MC7	15688.00	1208.71
42.15	3MC7	3858.00	257.02
50.66	1c4DMCYC6	2858.00	144.53
51.19	nC8	31160.00	1747.00

Gasoline Gas Chromatogram

Lab Id: L02489
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Location: 10-22-25-23W4
Depth (m): 1584.0 - 1589.0



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Sample ID: L02489

GSC Catalog No: C-559721

Acquisition Date: 1998-03-05

Location: 10-22-25-23W4

UWI: 102102202523W400

Upper Depth (m): 1584.0

Lower Depth (m): 1589.0

Fraction: saturate

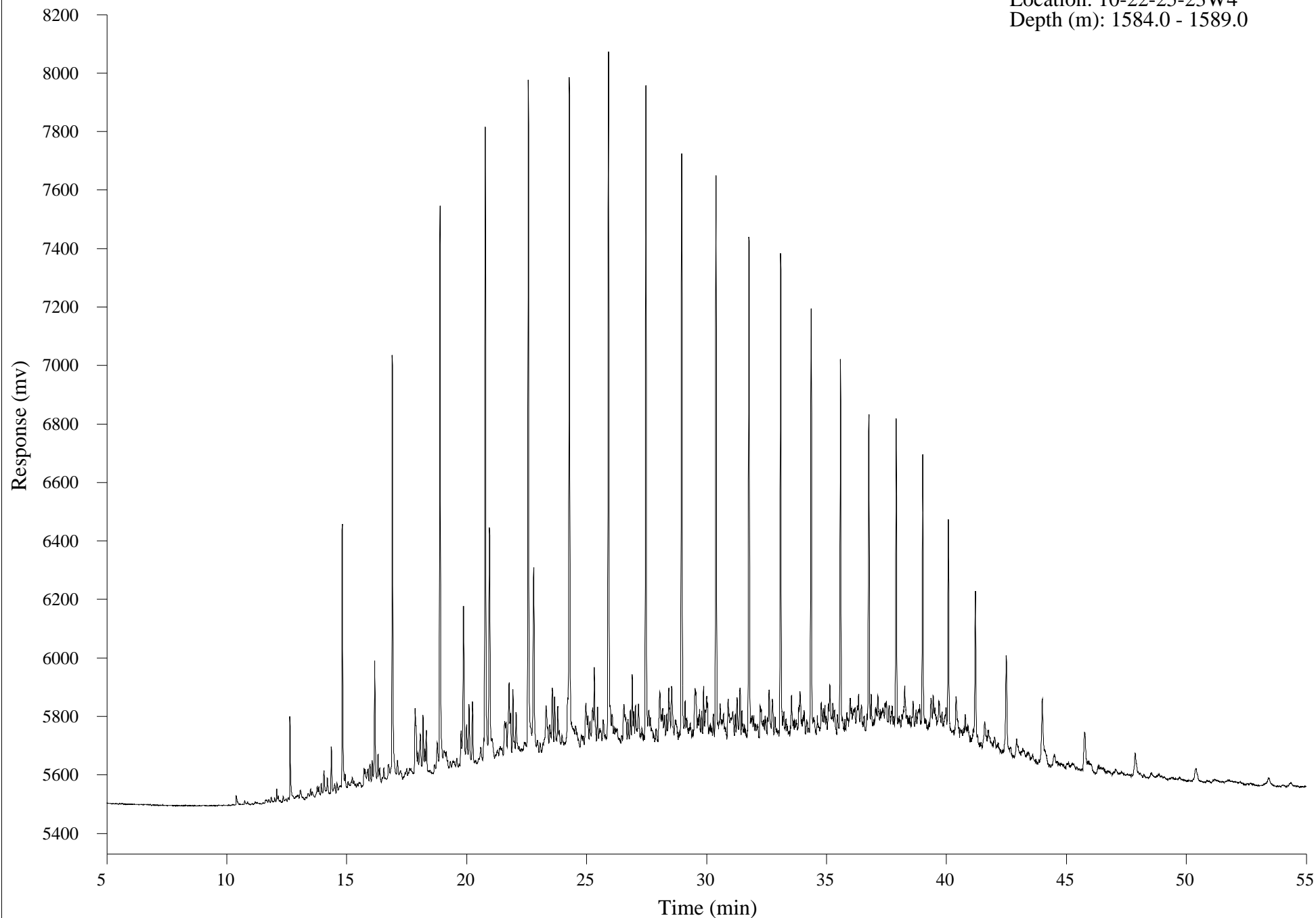
Instrument: Varian 3800 GC

Temp Program: 60°C, 6°C/min to 300°C, 30 min hold
column: DB-1, 30m x 0.25mm ID, 0.25 micrometers film thickness

Time	Compound Name	Area	Height
12.63	C13	644.16	290.25
14.82	C14	2018.15	897.72
16.90	C15	3708.33	1455.28
18.89	C16	4699.86	1928.85
20.78	C17	5470.08	2146.26
20.95	Pr	2259.60	751.68
22.57	C18	6176.47	2273.94
22.79	Ph	2322.94	629.16
24.28	C19	6189.62	2260.69
25.91	C20	5833.78	2337.57
27.47	C21	5309.59	2216.88
28.97	C22	5225.22	1990.35
30.40	C23	4981.73	1913.92
31.77	C24	4618.15	1713.10
33.09	C25	4181.67	1638.06
34.36	C26	3777.98	1455.75
35.59	C27	3171.77	1252.92
36.76	C28	2833.91	1071.77
37.91	C29	2606.41	1043.71
39.01	C30	2190.52	897.18
40.08	C31	1850.29	710.77
41.21	C32	1567.66	510.57

Saturated Hydrocarbons Gas Chromatogram

Lab Id: L02489
GSC No: C-559721
Location: 10-22-25-23W4
Depth (m): 1584.0 - 1589.0



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: L02489

GSC Catalog No: C-559721

Acquisition Date: 1998-06-04

Location: 10-22-25-23W4

UWI: 102102202523W400

Upper Depth (m): 1584.0

Lower Depth (m): 1589.0

Fraction: saturate

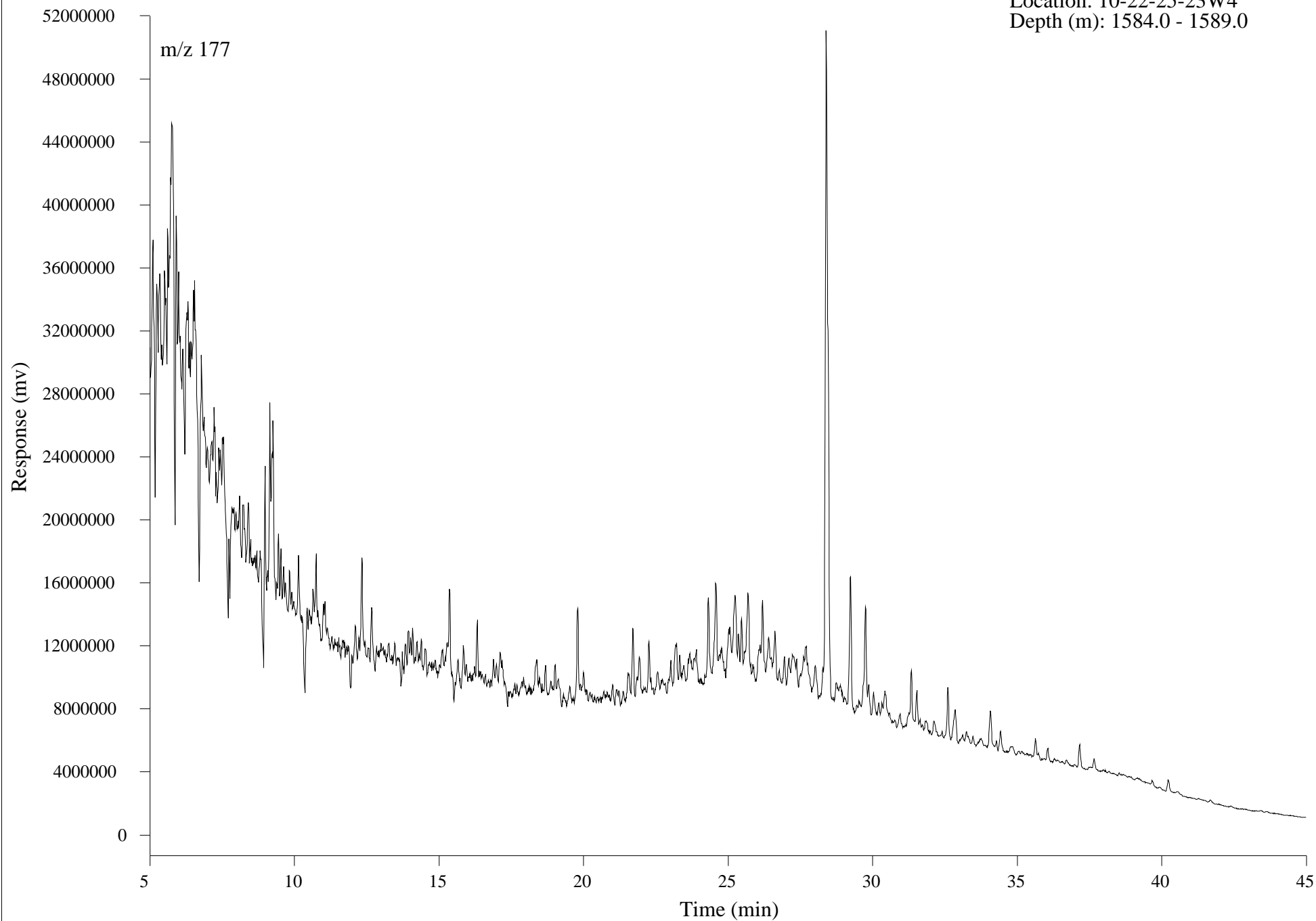
Instrument: HP 5890 GC/VG70SQ MS

MS Mode: Selected Ion Monitoring + EI

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

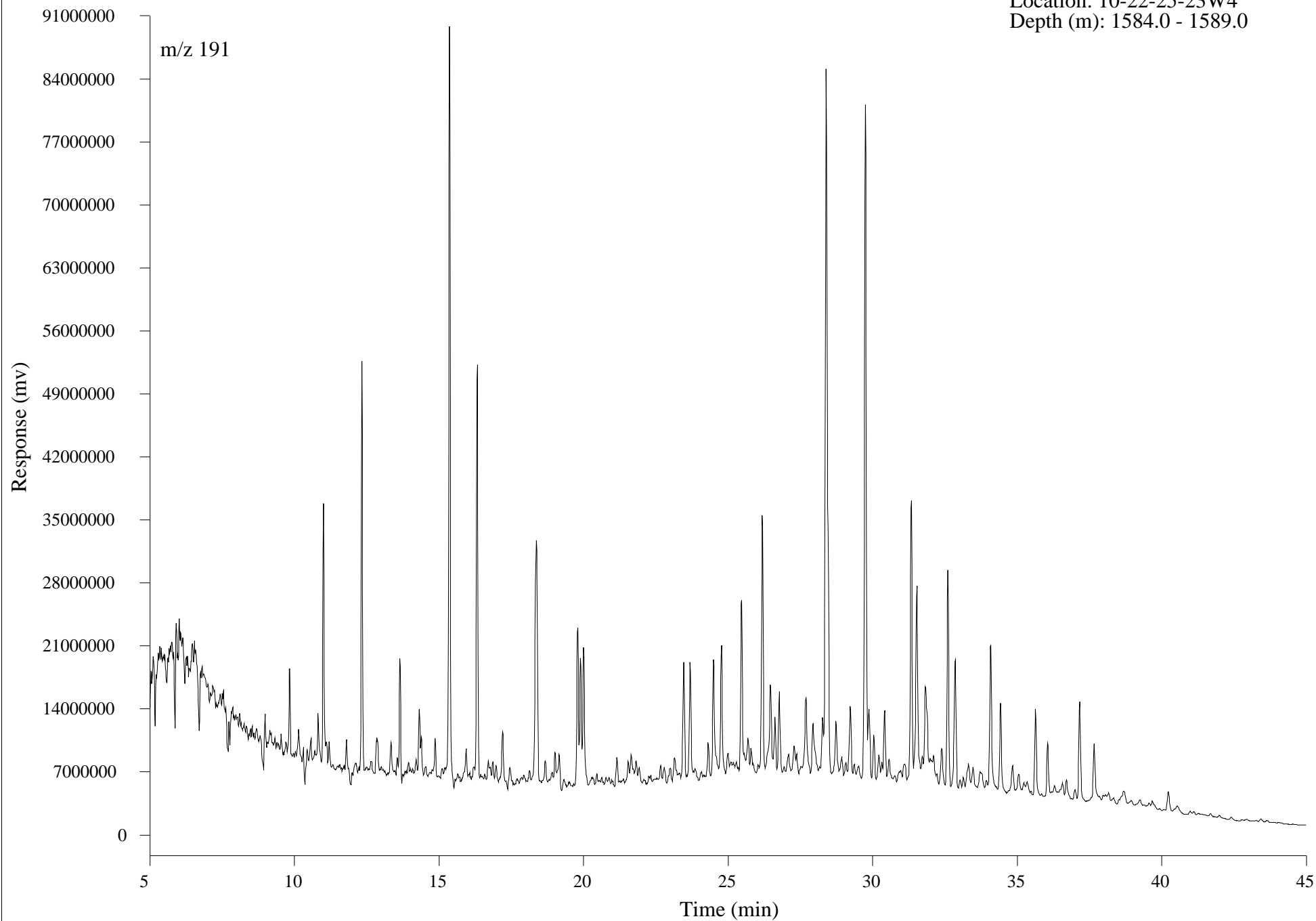
Saturated Hydrocarbons Mass Chromatogram

Lab Id: L02489
GSC No: C-559721
Location: 10-22-25-23W4
Depth (m): 1584.0 - 1589.0



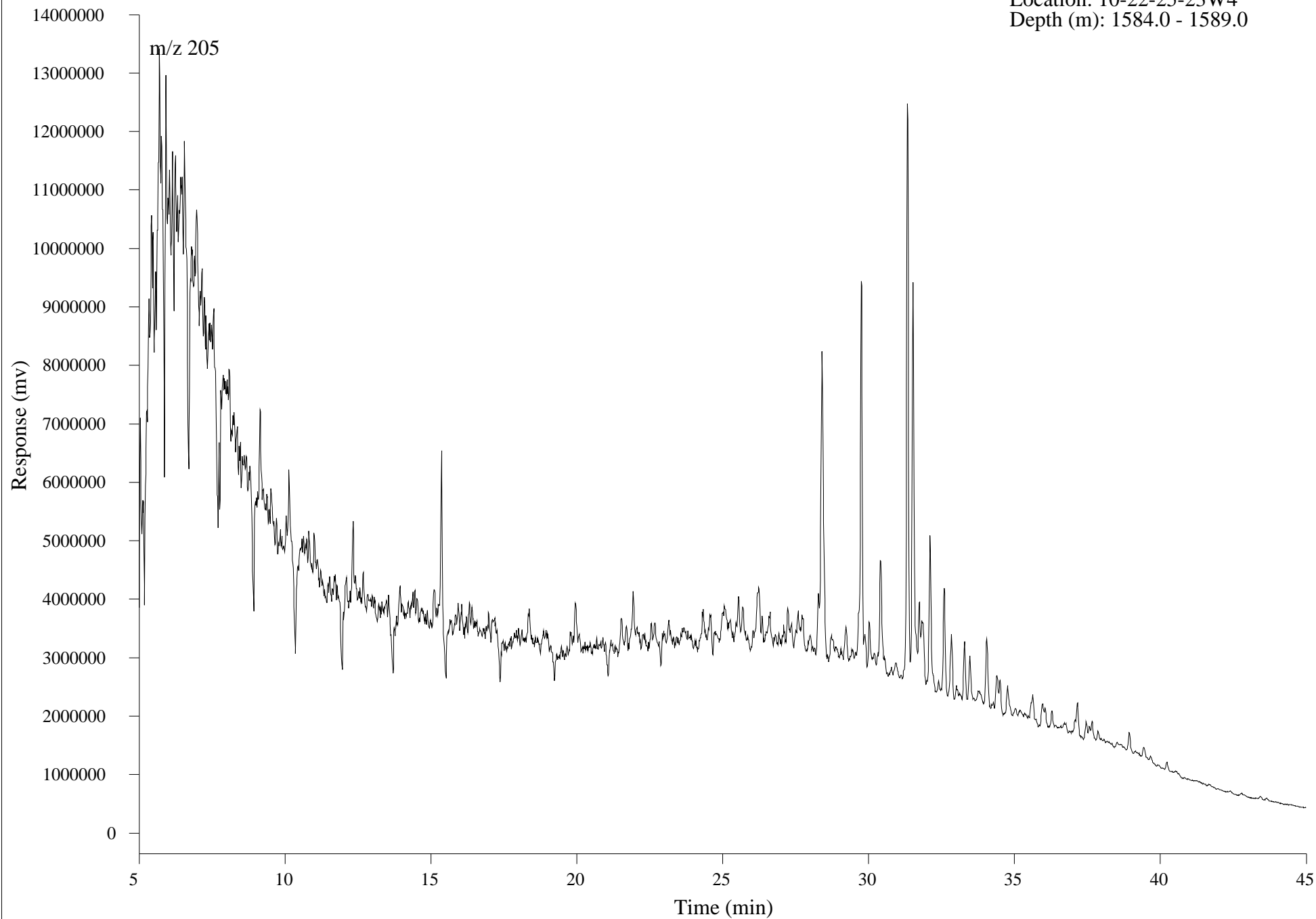
Saturated Hydrocarbons Mass Chromatogram

Lab Id: L02489
GSC No: C-559721
Location: 10-22-25-23W4
Depth (m): 1584.0 - 1589.0



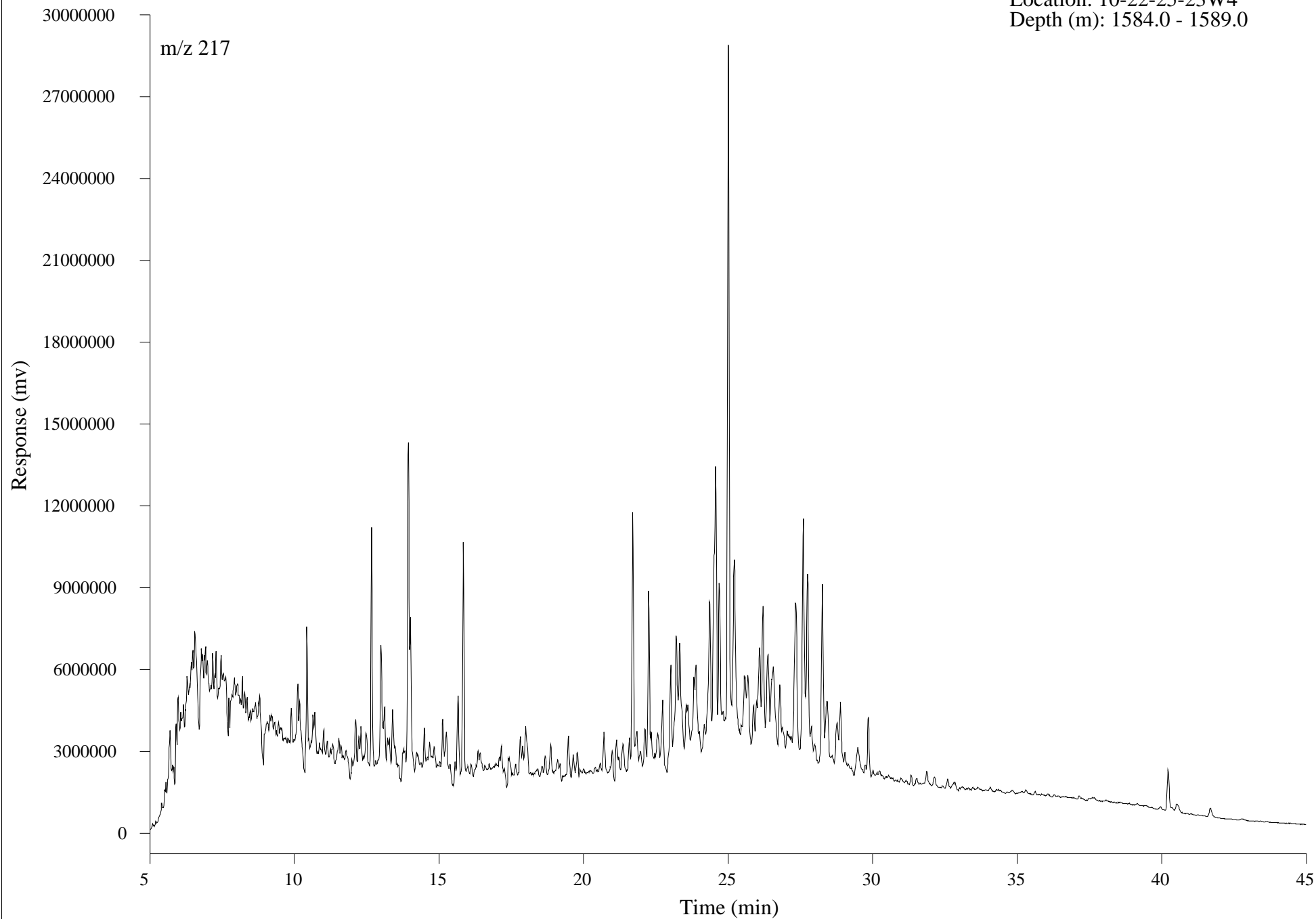
Saturated Hydrocarbons Mass Chromatogram

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GSC No: C-559721
Location: 10-22-25-23W4
Depth (m): 1584.0 - 1589.0



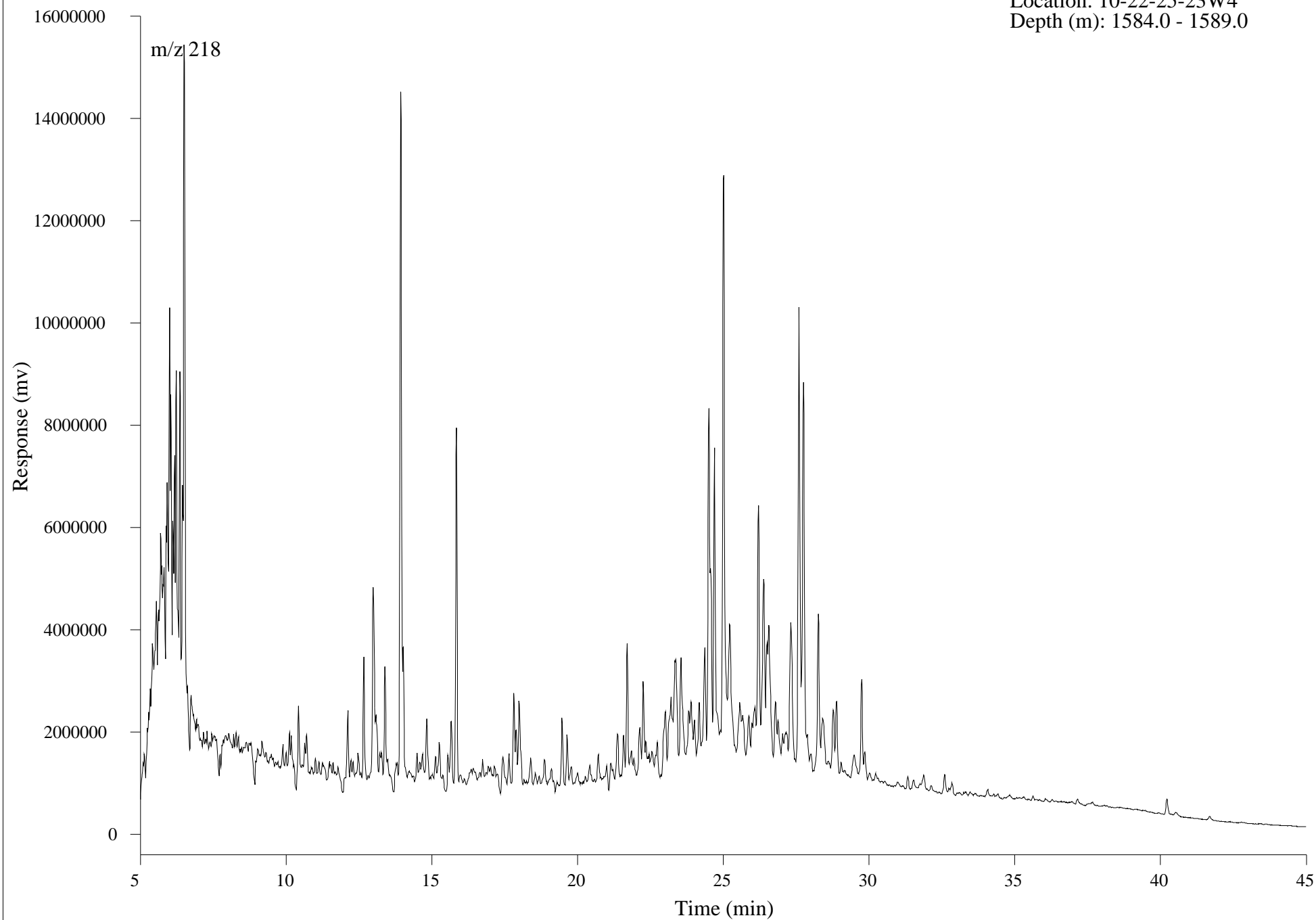
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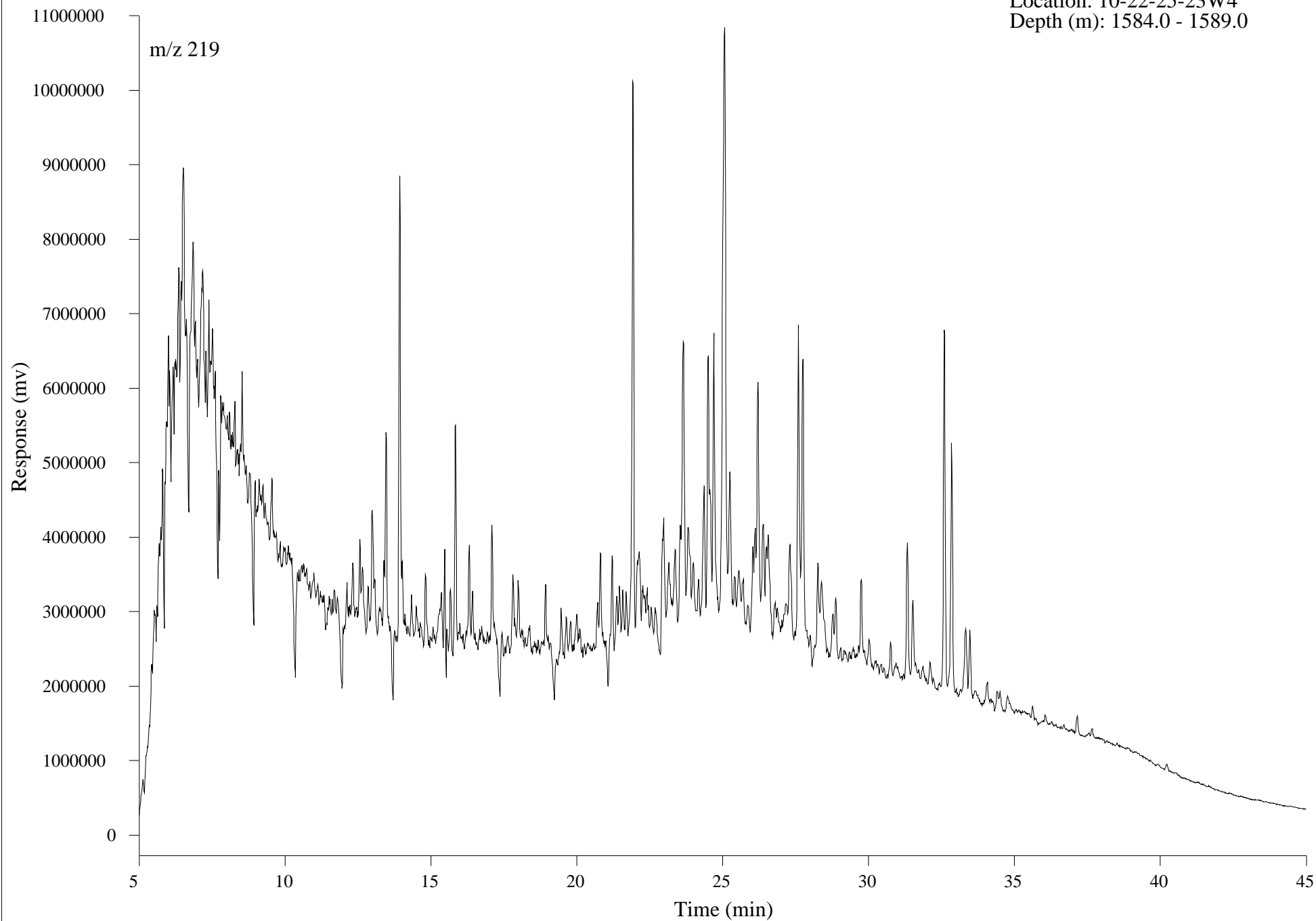
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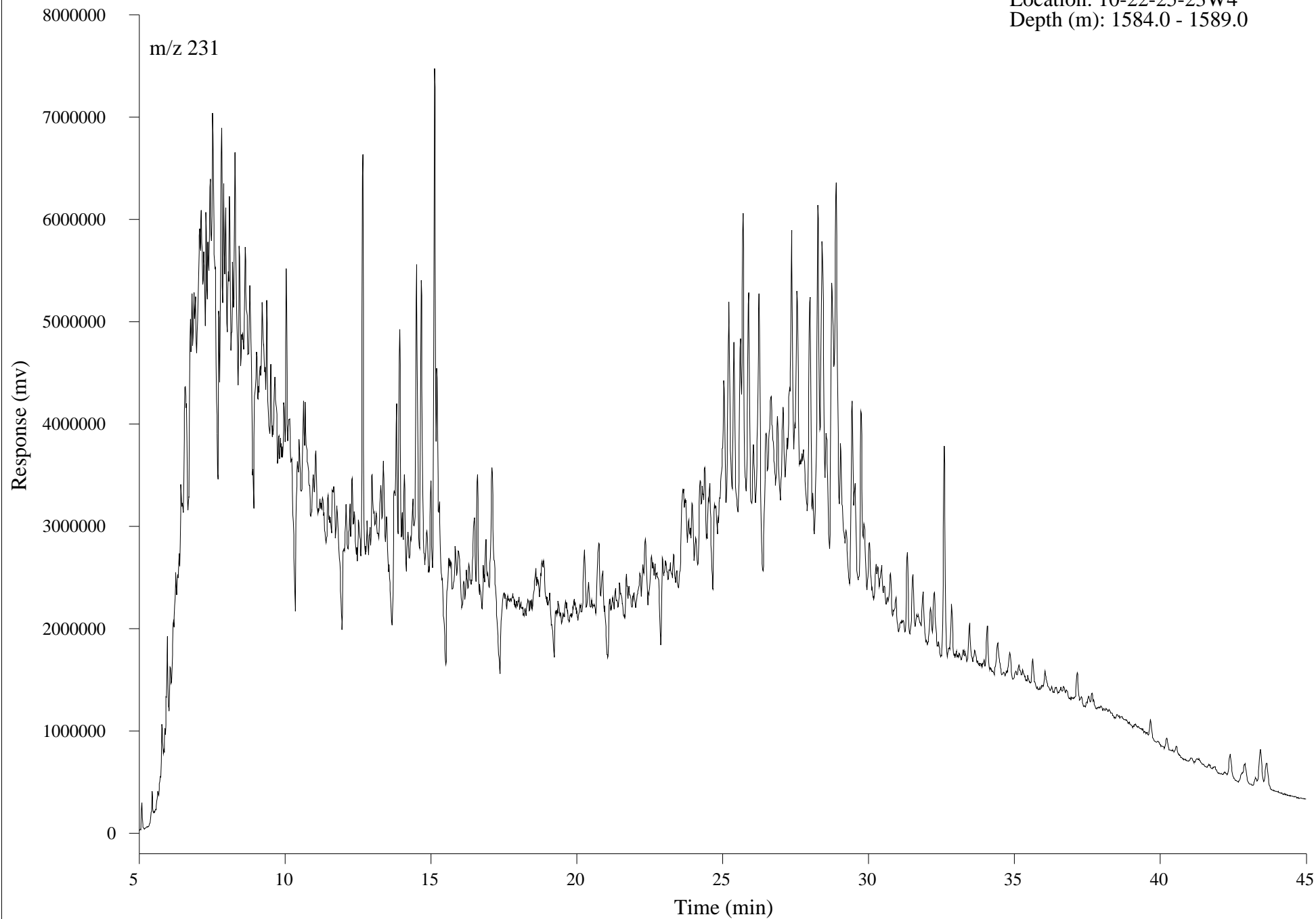
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