

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: L02321

GSC Catalog No: C-562143

Acquisition Date: 1997-06-26

Location: 16-21-15-15W4

UWI: 100162101515W400

Upper Depth (m): 885.4

Lower Depth (m): 983.0

Fraction: gasoline

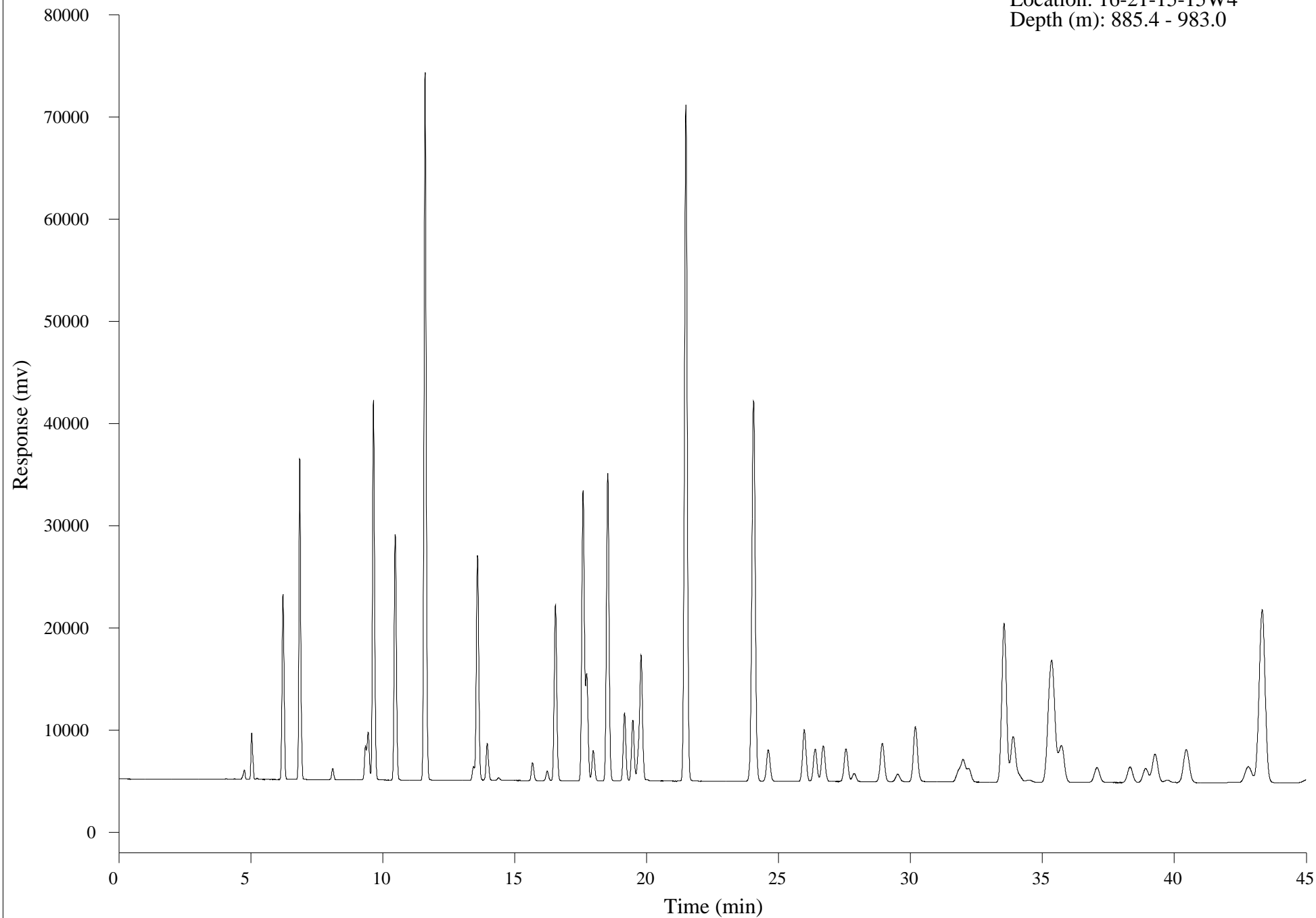
Instrument: HP 5890 GC

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

Time	Compound Name	Area	Height
6.22	iC5	100364.00	18142.47
6.86	nC5	147940.00	31442.59
8.11	22DMC4	6025.00	1107.19
9.35	CYC5	15622.00	3317.38
9.45	23DMC4	28841.00	4683.56
9.65	2MC5	205583.00	37147.42
10.48	3MC5	138390.00	24019.88
11.61	nC6	401576.00	69240.87
13.44	22DMC5	6539.00	1347.59
13.59	MCYC5	139051.00	22003.17
13.96	24DMC5	22371.00	3578.84
14.40	223TMC4	1609.00	246.40
15.68	BEN	11342.00	1755.19
16.24	33DMC5	6272.00	930.45
16.55	CYC6	116499.00	17228.22
17.59	2MC6	196458.00	28486.16
17.73	23DMC5	63159.00	10504.96
17.98	11DMCYC5	21122.00	2968.66
18.53	3MC6	206782.00	30142.89
19.17	1c3DMCYC5	45785.00	6617.58
19.48	1t3DMCYC5	41003.00	5906.77
19.79	1t2DMCYC5	102427.00	12236.07
21.49	nC7	488712.00	66143.01
24.06	MCYC6	332355.00	37188.92
24.61	22DMC6	29468.00	3078.64
25.98	ECYC5	46725.00	5043.46
26.39	25DMC6	30444.00	3185.22
26.70	24DMC6	34254.00	3495.59
27.56	223TMC5	32597.00	3197.67
29.52	234TMC5	8183.00	747.56
30.19	TOL	58679.00	5356.52
33.55	2MC7	192208.00	15531.89
35.73	3MC7	51279.00	3621.64
42.81	1c4DMCYC6	27338.00	1549.38
43.33	nC8	272530.00	16907.71

Gasoline Gas Chromatogram

Lab Id: L02321
GSC No: C-562143
Location: 16-21-15-15W4
Depth (m): 885.4 - 983.0



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Upper Depth (m): 885.4

Lower Depth (m): 983.0

Fraction: saturate

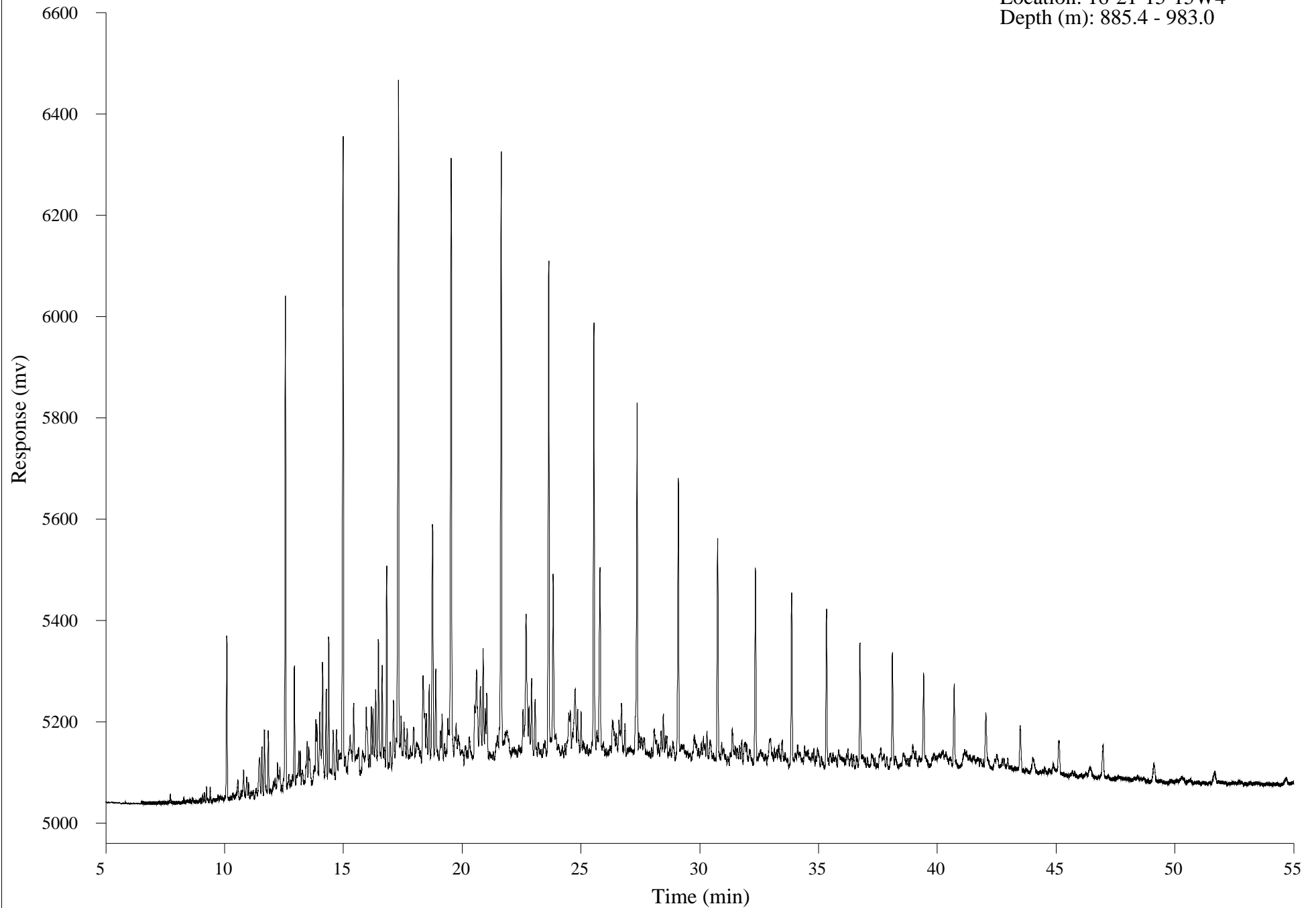
Instrument: Varian 3800 GC

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

Time	Compound Name	Area	Height
10.09	C11	787.88	325.99
12.56	C12	2491.45	968.66
14.99	C13	3213.32	1235.11
17.32	C14	4012.71	1344.69
19.54	C15	3686.04	1183.66
21.65	C16	3374.83	1177.70
23.65	C17	2648.96	960.63
23.83	Pr	997.60	331.06
25.55	C18	2352.85	841.38
25.80	Ph	1274.01	360.81
27.37	C19	2026.55	686.86
29.10	C20	1652.57	542.46
30.76	C21	1292.53	436.59
32.35	C22	1171.32	384.23
33.88	C23	1011.25	337.56
35.34	C24	927.24	309.53
36.75	C25	733.27	241.94
38.12	C26	710.47	225.04
39.43	C27	576.51	173.24
40.71	C28	536.15	160.17
42.05	C29	397.69	99.58
43.49	C30	373.84	88.55
45.12	C31	319.68	65.64
46.98	C32	290.88	65.49

Saturated Hydrocarbons Gas Chromatogram

Lab Id: L02321
GSC No: C-562143
Location: 16-21-15-15W4
Depth (m): 885.4 - 983.0



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: L02321

GSC Catalog No: C-562143

Acquisition Date: 1996-12-17

Location: 16-21-15-15W4

UWI: 100162101515W400

Upper Depth (m): 885.4

Lower Depth (m): 983.0

Fraction: saturate

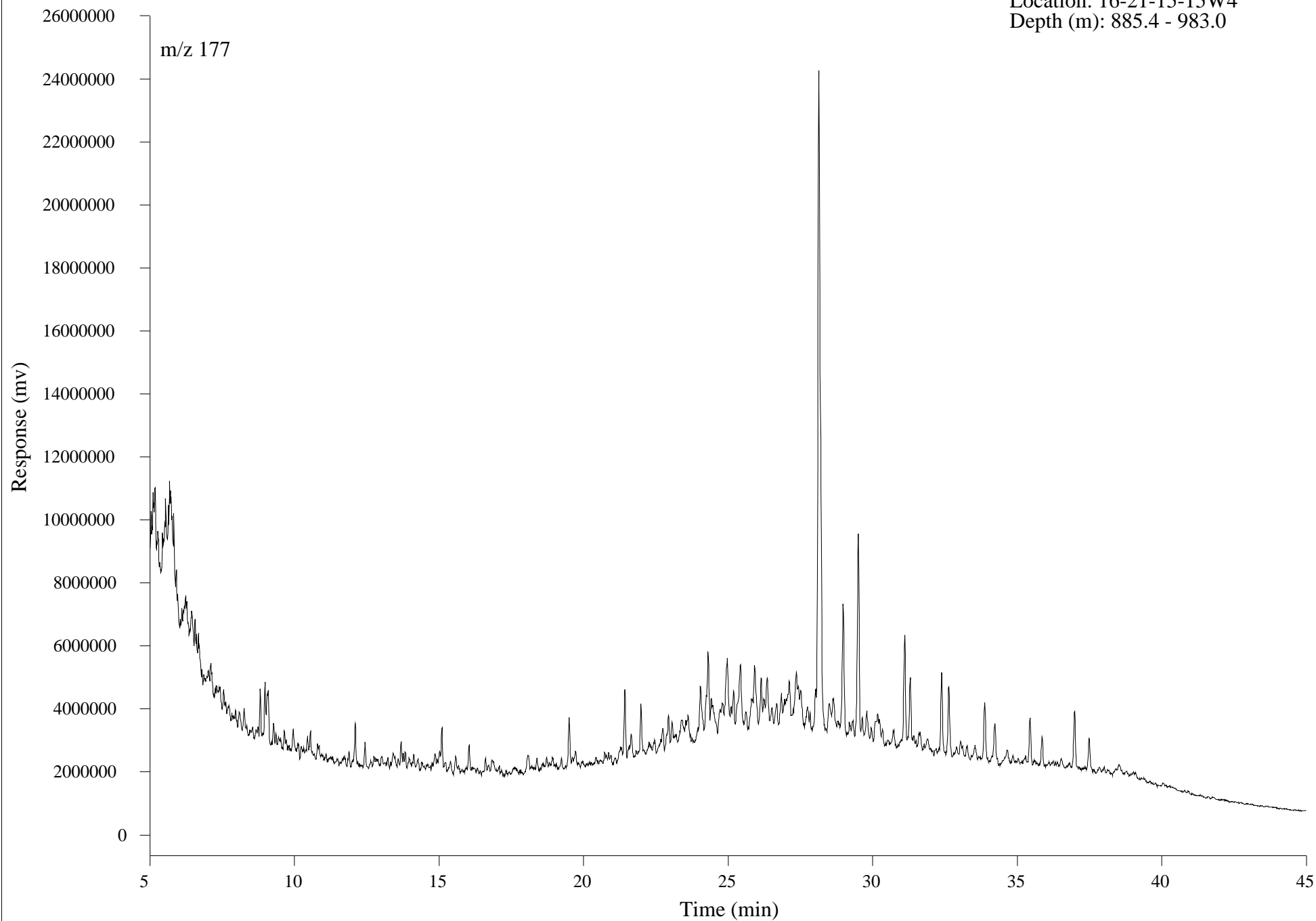
Instrument: HP 5890 GC/VG70SQ MS

MS Mode: Selected Ion Monitoring + EI

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

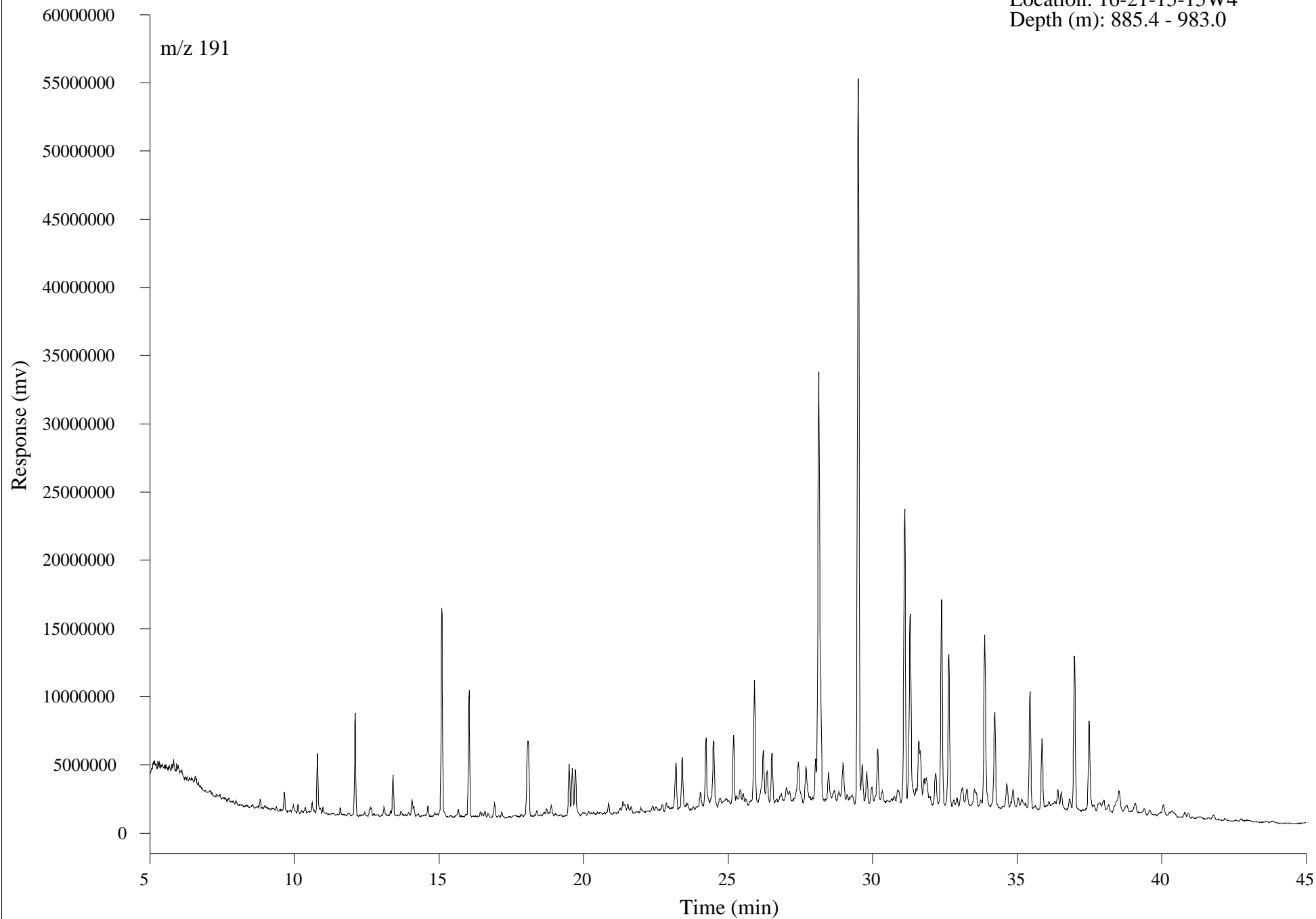
Saturated Hydrocarbons Mass Chromatogram

Lab Id: L02321
GSC No: C-562143
Location: 16-21-15-15W4
Depth (m): 885.4 - 983.0



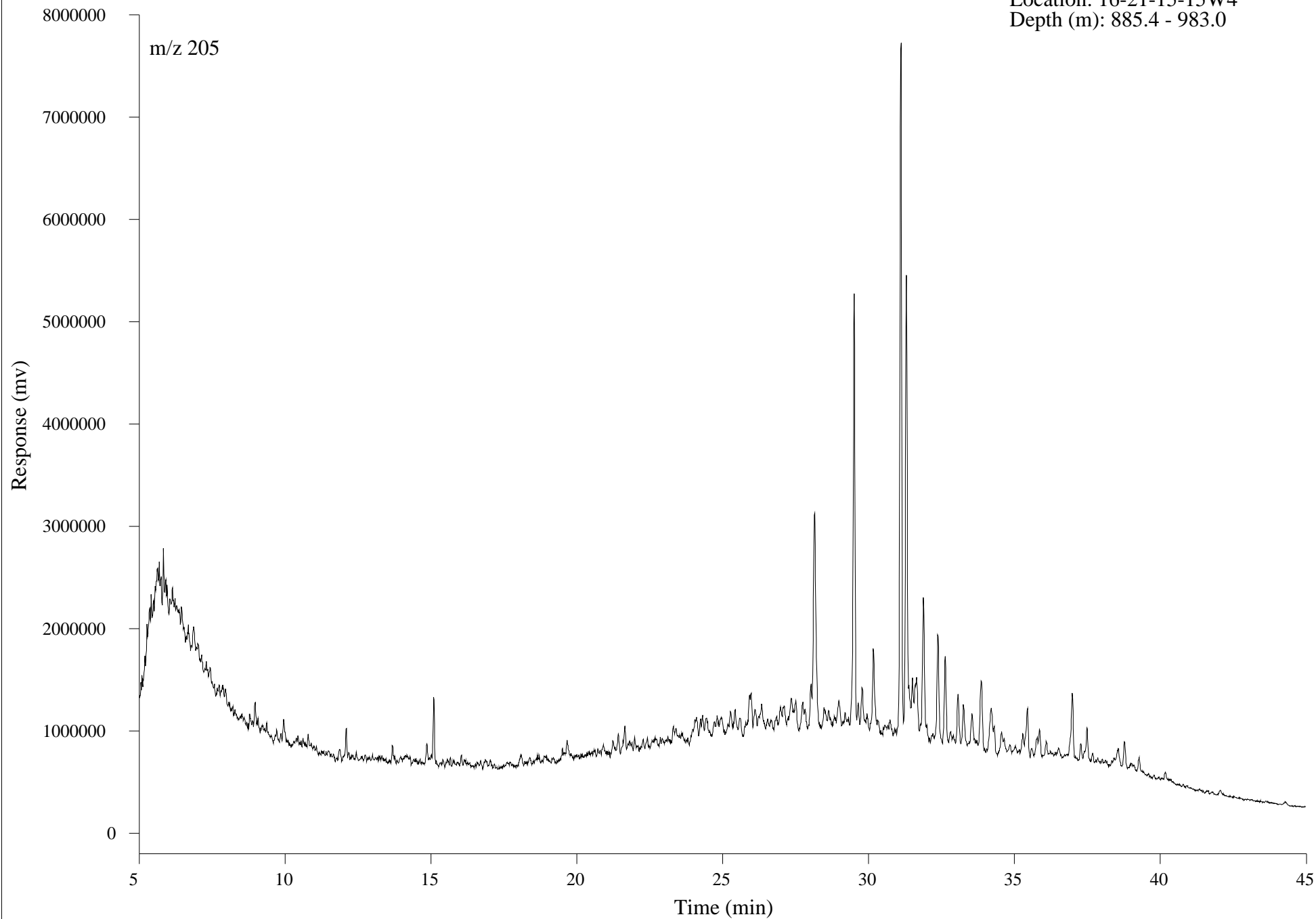
Saturated Hydrocarbons Mass Chromatogram

Lab Id: L02321
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Location: 16-21-15-15W4
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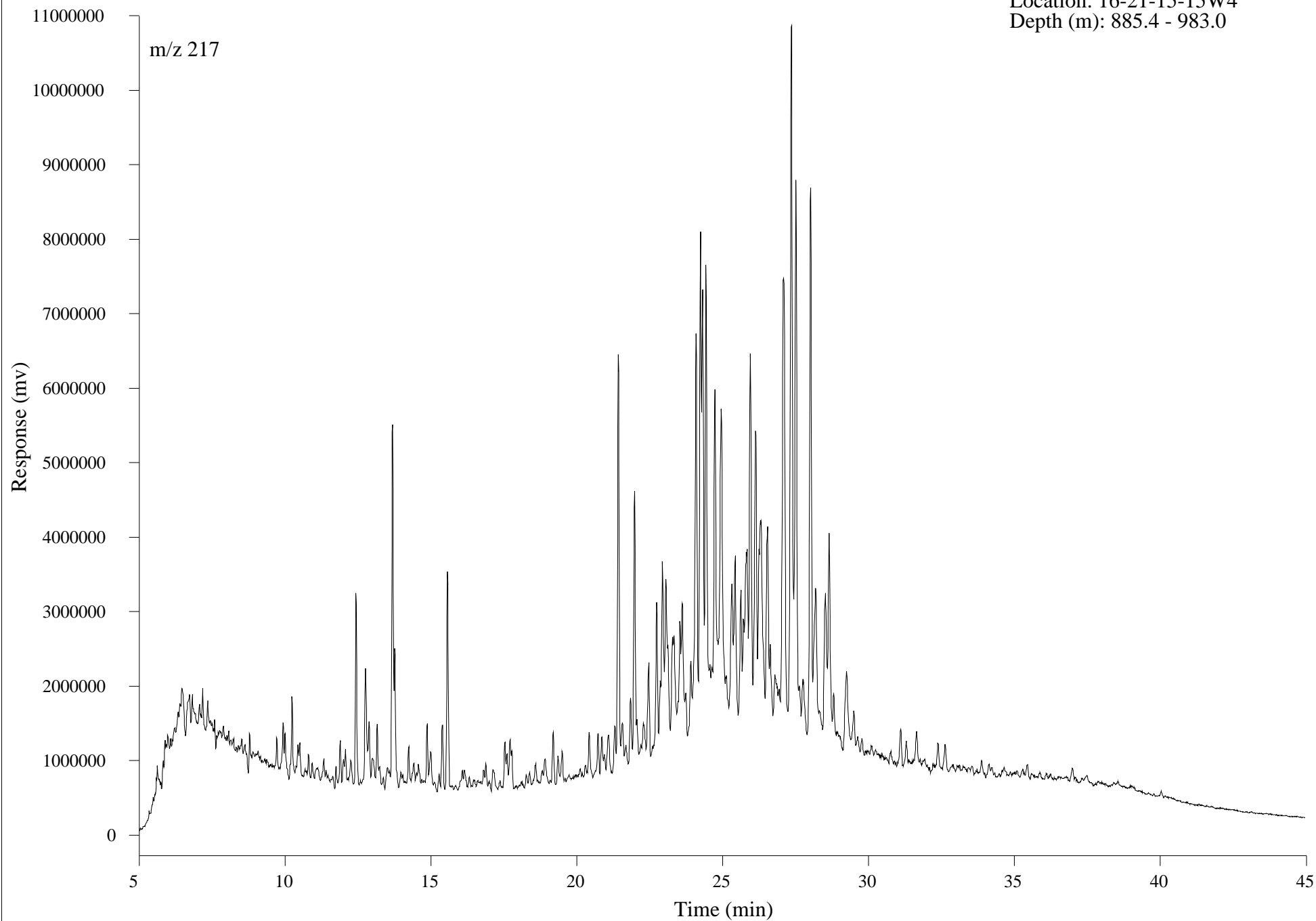
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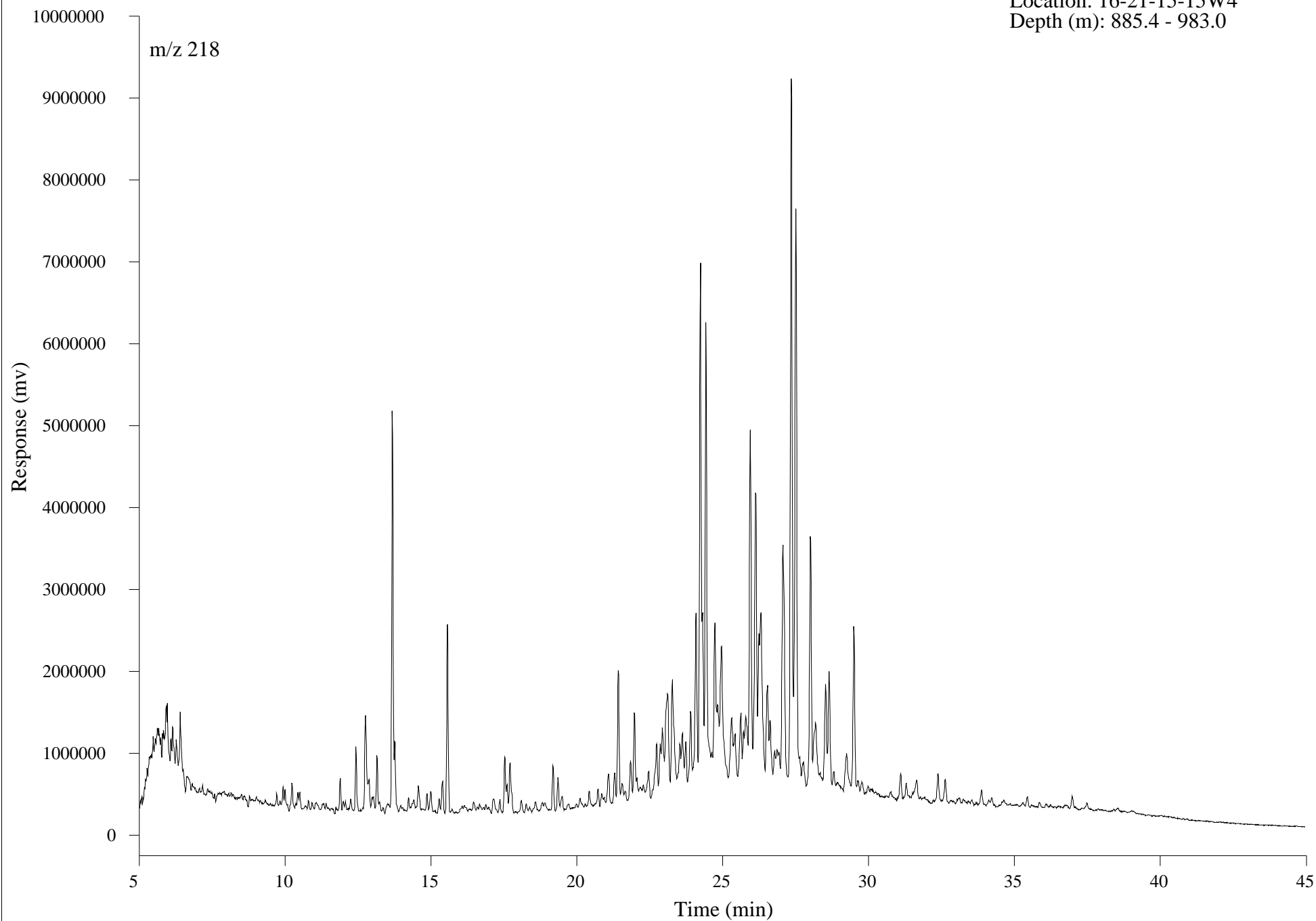
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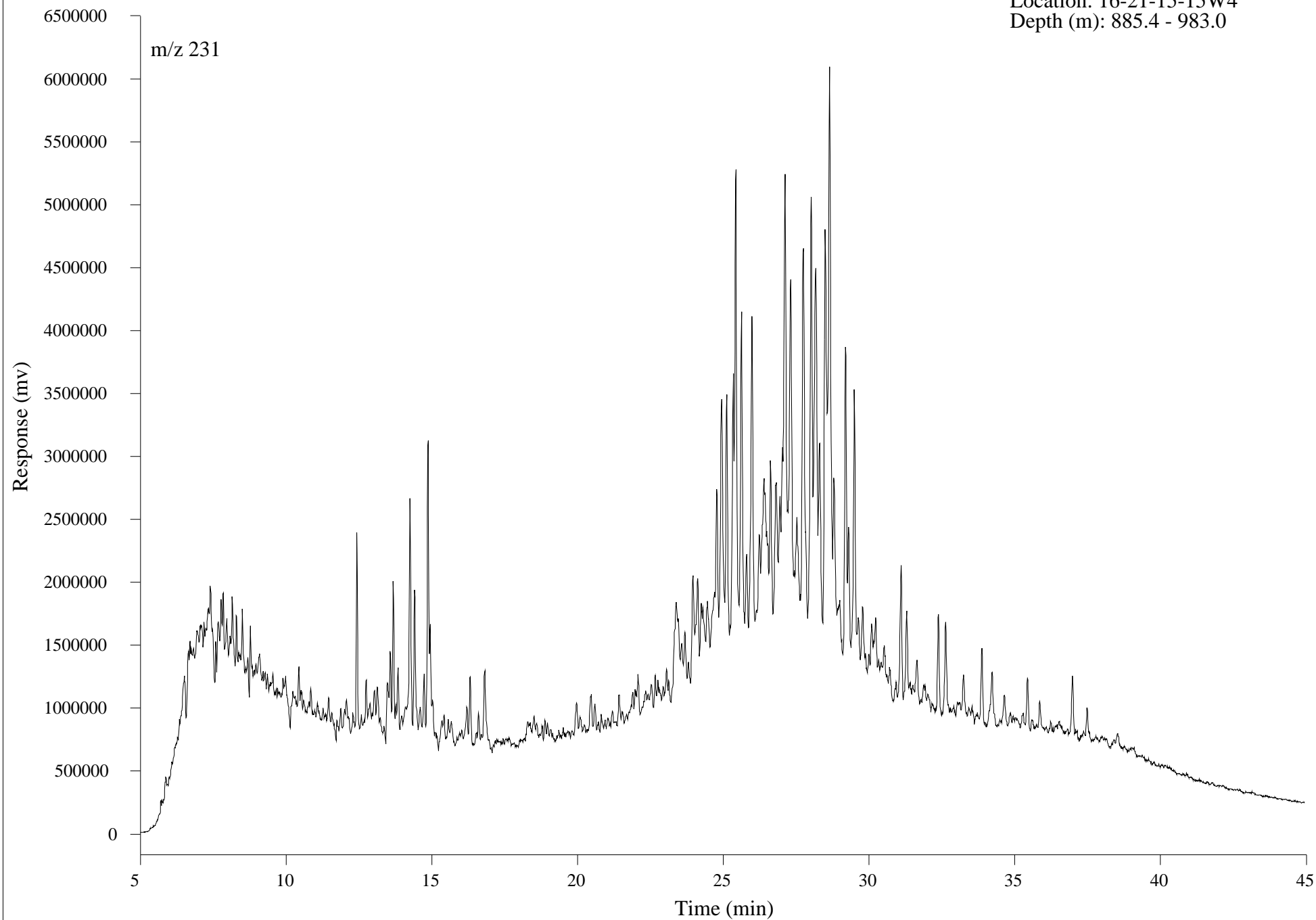
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