

# 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: L01004

GSC Catalog No: C-557973

Acquisition Date: 2001-06-29

Location: ARNAK K-06

UWI: 300K066950133450

Upper Depth (m): 3209.0

Lower Depth (m): 3221.0

Fraction: gasoline

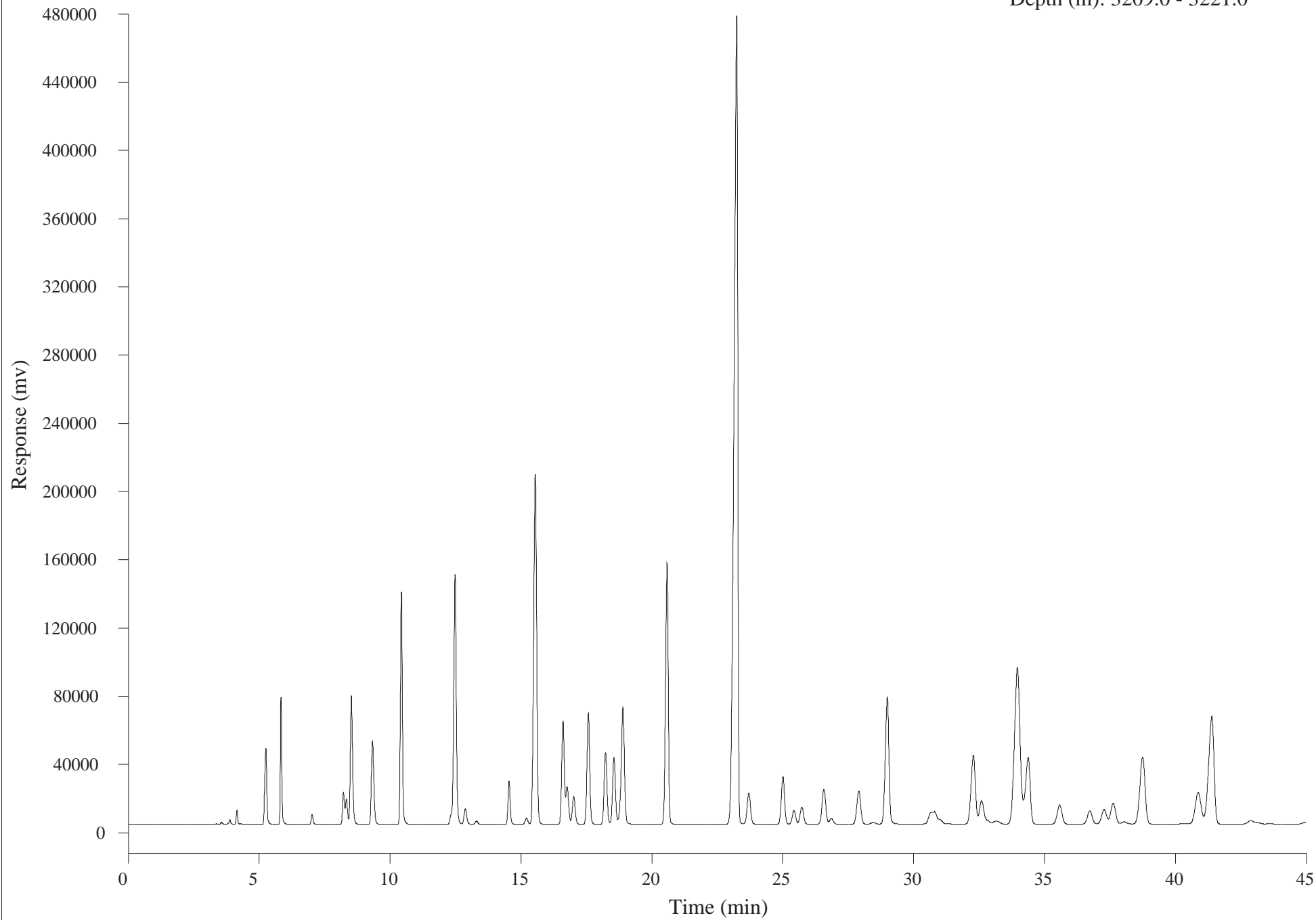
Instrument: HP 5890 GC

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

<b>Time</b>	<b>Compound Name</b>	<b>Area</b>	<b>Height</b>
5.25	iC5	244677.00	44411.63
5.84	nC5	273273.00	74683.50
7.02	22DMC4	28966.00	5881.22
8.22	CYC5	95431.00	18934.26
8.33	23DMC4	82921.00	14764.05
8.52	2MC5	452713.00	75366.49
9.33	3MC5	317908.00	48516.44
10.43	nC6	703574.00	136436.02
12.48	MCYC5	1008683.00	146691.28
12.88	24DMC5	67155.00	9083.64
13.30	223TMC4	13180.00	1906.35
14.55	BEN	145255.00	25251.83
15.21	33DMC5	26212.00	3560.92
15.55	CYC6	1611642.00	205391.67
16.61	2MC6	431365.00	60694.46
16.76	23DMC5	155060.00	22033.61
17.02	11DMCYC5	125284.00	16361.30
17.58	3MC6	471770.00	65175.56
18.23	1c3DMCYC5	317731.00	42041.50
18.55	1t3DMCYC5	297929.00	39097.25
18.90	1t2DMCYC5	583409.00	68470.00
20.58	nC7	1084127.00	152988.21
23.24	MCYC6	4691463.00	473769.85
23.70	22DMC6	165840.00	18282.10
25.01	ECYC5	242790.00	27979.22
25.43	25DMC6	73262.00	7954.22
25.73	24DMC6	94334.00	10026.70
26.57	223TMC5	202650.00	20527.01
28.46	234TMC5	10869.00	1024.21
29.00	TOL	718475.00	74214.95
32.28	2MC7	472737.00	40437.58
34.38	3MC7	492229.00	39220.25
40.87	1c4DMCYC6	293111.00	18578.61
41.39	nC8	922056.00	63139.69

# Gasoline Gas Chromatogram

GSC No: C-557973  
Location: ARNAK K-06  
Depth (m): 3209.0 - 3221.0



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Sample ID: L01004

GSC Catalog No: C-557973

Acquisition Date: 1988-07-18

Location: ARNAK K-06

UWI: 300K066950133450

Upper Depth (m): 3209.0

Lower Depth (m): 3221.0

Fraction: saturate

Instrument: Varian 3800 GC

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

<b>Time</b>	<b>Compound Name</b>	<b>Area</b>	<b>Height</b>
8.33	C11	903.33	332.13
10.64	C12	2327.10	866.11
12.98	C13	3149.84	1223.07
15.24	C14	4583.86	1668.09
17.42	C15	6055.97	1883.62
19.48	C16	6668.91	2112.73
21.45	C17	6997.45	2060.34
21.63	Pr	5455.90	1606.00
23.31	C18	6775.92	1876.23
23.52	Ph	1808.37	466.48
25.09	C19	6695.29	1976.58
26.78	C20	5437.03	1665.82
28.40	C21	4665.77	1483.66
29.96	C22	4249.63	1420.57
31.45	C23	4019.06	1220.84
32.88	C24	3139.81	1053.34
34.26	C25	3010.80	973.62
35.59	C26	1991.19	726.85
36.88	C27	1757.01	623.90
38.12	C28	1269.13	416.81
39.32	C29	1145.81	387.47
40.51	C30	641.19	189.34
41.80	C31	432.34	138.24
43.22	C32	205.52	51.65

# Saturated Hydrocarbons Gas Chromatogram

GSC No: C-557973  
Location: ARNAK K-06  
Depth (m): 3209.0 - 3221.0

