

# 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: L01006

GSC Catalog No: C-557975

Acquisition Date: 2001-06-29

Location: ARNAK K-06

UWI: 300K066950133450

Upper Depth (m): 2957.0

Lower Depth (m): 2976.0

Fraction: gasoline

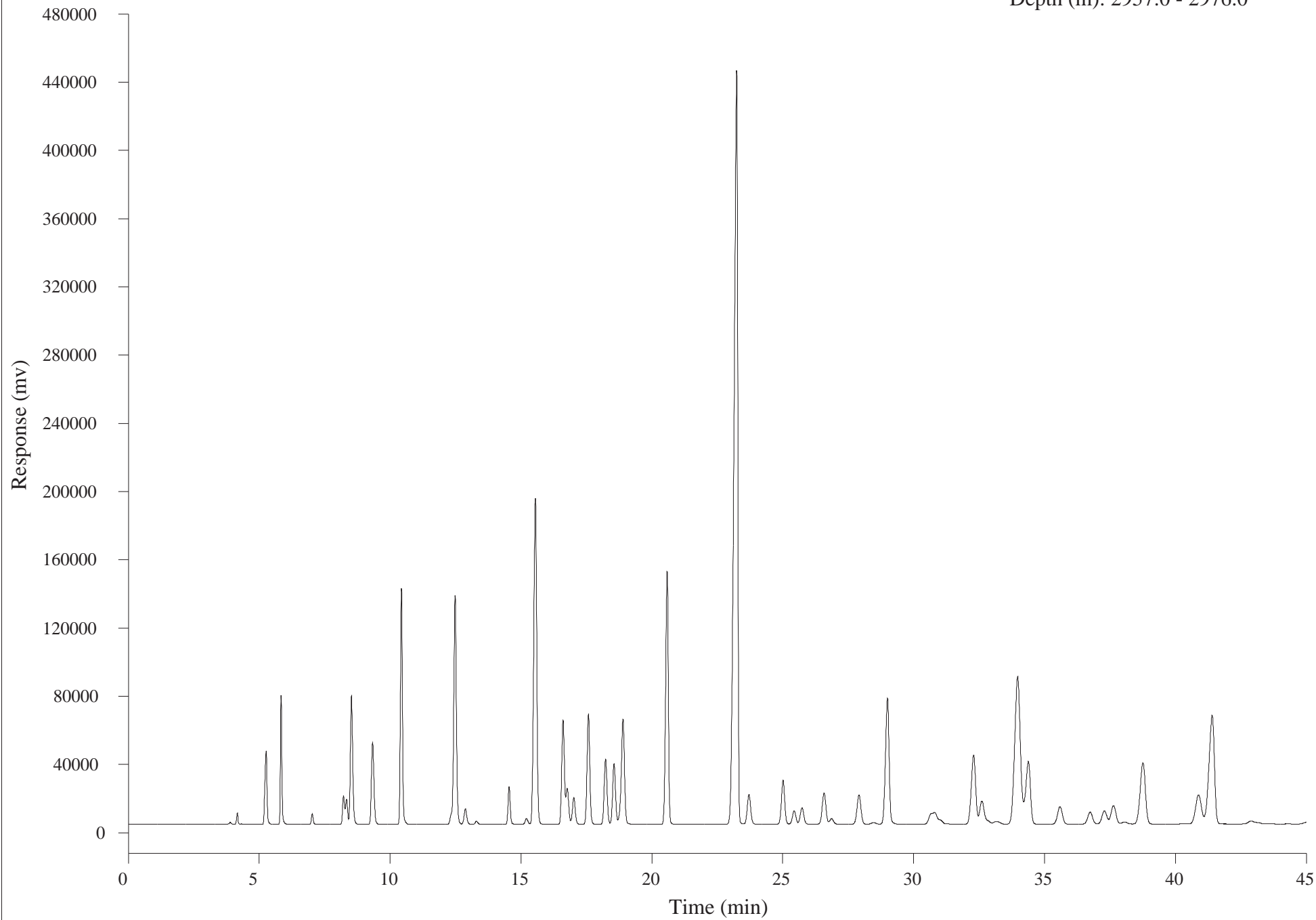
Instrument: HP 5890 GC

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>
5.27	iC5	243203.00	42993.65
5.84	nC5	285291.00	75553.78
7.03	22DMC4	29723.00	6123.59
8.22	CYC5	88262.00	16993.95
8.34	23DMC4	82386.00	14895.61
8.53	2MC5	467868.00	75318.35
9.33	3MC5	322729.00	47878.16
10.43	nC6	722973.00	138365.62
12.48	MCYC5	944166.00	134307.17
12.88	24DMC5	65594.00	9004.32
13.30	223TMC4	12436.00	1839.17
14.55	BEN	127615.00	22175.42
15.21	33DMC5	25372.00	3478.16
15.55	CYC6	1515836.00	191143.57
16.61	2MC6	439413.00	61162.72
16.77	23DMC5	146847.00	21101.49
17.02	11DMCYC5	119155.00	15693.55
17.58	3MC6	473937.00	64940.76
18.23	1c3DMCYC5	292103.00	38192.96
18.56	1t3DMCYC5	274418.00	35476.54
18.90	1t2DMCYC5	525635.00	61611.23
20.59	nC7	1048066.00	148472.38
23.24	MCYC6	4327451.00	442127.95
23.71	22DMC6	157519.00	17266.43
25.01	ECYC5	222638.00	25659.00
25.44	25DMC6	72321.00	7815.71
25.74	24DMC6	91104.00	9622.12
26.58	223TMC5	181104.00	18284.37
28.47	234TMC5	10731.00	981.12
29.00	TOL	713386.00	73794.20
32.29	2MC7	474664.00	40598.74
34.38	3MC7	461217.00	36734.41
40.88	1c4DMCYC6	269026.00	17034.65
41.40	nC8	929984.00	63647.15

# Gasoline Gas Chromatogram

GSC No: C-557975  
Location: ARNAK K-06  
Depth (m): 2957.0 - 2976.0



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Sample ID: L01006

GSC Catalog No: C-557975

Acquisition Date: 1988-07-18

Location: ARNAK K-06

UWI: 300K066950133450

Upper Depth (m): 2957.0

Lower Depth (m): 2976.0

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	1107.07	388.80
10.67	C12	5311.56	1980.83
13.02	C13	8688.03	2718.25
15.30	C14	11845.20	3169.13
17.46	C15	12899.19	3061.07
19.52	C16	12638.96	2989.64
21.48	C17	12008.33	3000.94
21.67	Pr	10961.89	2619.12
23.35	C18	10926.83	2690.60
23.55	Ph	2678.74	812.93
25.12	C19	9855.99	2552.34
26.81	C20	8377.00	2294.03
28.43	C21	7287.36	2128.02
29.98	C22	6288.38	1777.90
31.47	C23	5661.16	1746.19
32.90	C24	4559.71	1479.71
34.28	C25	4382.24	1284.27
35.61	C26	3028.20	892.09
36.90	C27	2604.87	815.41
38.13	C28	1763.58	549.86
39.34	C29	1621.96	544.65
40.52	C30	921.64	287.19
41.81	C31	591.81	171.16
43.23	C32	291.03	80.49

# Saturated Hydrocarbons Gas Chromatogram

GSC No: C-557975  
Location: ARNAK K-06  
Depth (m): 2957.0 - 2976.0

