



# GC/MS Aromatics Report

**Well: 021/25-02**

**Field: Guillemot A**

**Country: United Kingdom**



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# GC/MS aromatics data report

## FPC\_61215

### Sample information

Sample ID	<b>FPC_61215</b>	Depth (ft)	<b>6008.0 - 6008.0</b>
Sample type	<b>Oil</b>	Formation	-
Country	<b>United Kingdom</b>	Age	-
Basin	<b>Western Platform</b>	Reservoir	-
Prospect	<b>NORTH SEA</b>	Sample date	-
Block	<b>21/25</b>	Sample origin	<b>UNKN</b>
Field	<b>Guillemot A</b>	Operator	<b>PETRO-CANADA</b>
Well name	<b>021/25-02</b>	Int. std. D10-Phenanthrene (ppm)	<b>83</b>
Well code	<b>FPCW_2747</b>		
Latitude	<b>57.170223</b>		
Longitude	<b>0.818701</b>		

# Peak Data Table

## FPC\_61215

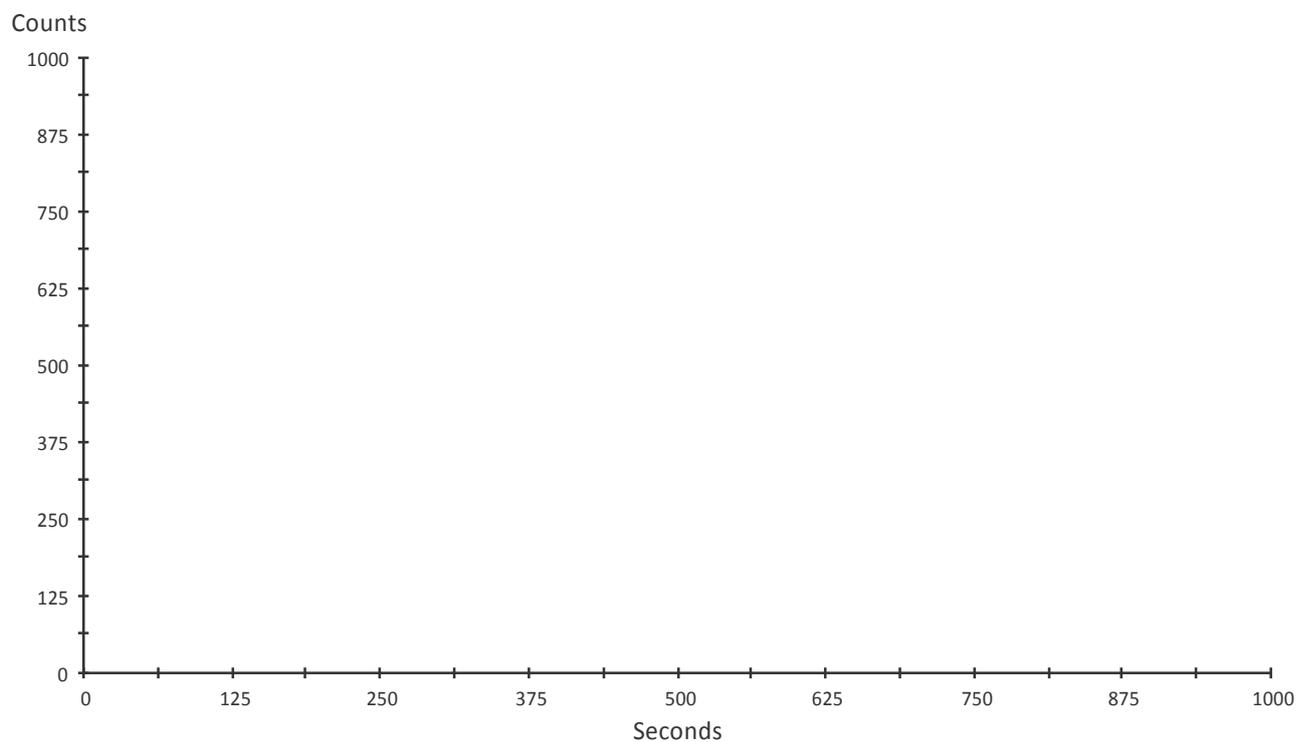
Peak name	Ion	Area
2,3,6_TMB_C15arylisoprenoid	134.10	-
2,3,6_TMB_C16arylisoprenoid	134.10	-
2,3,6_TMB_C17arylisoprenoid	134.10	-
2,3,6_TMB_C18arylisoprenoid	134.10	-
2,3,6_TMB_C19arylisoprenoid	134.10	-
2,3,6_TMB_C20arylisoprenoid	134.10	-
2,3,6_TMB_C21arylisoprenoid	134.10	-
2,3,6_TMB_C22Barylisoprenoid	134.10	-
2,3,6_TMB_C23arylisoprenoid	134.10	-
2-methylnaphthalene	142.10	506047.91
1-methylnaphthalene	142.10	587327.25
2,6-dimethylnaphthalene	156.10	145608.38
2,7-dimethylnaphthalene	156.10	133446.72
1,3+1,7-dimethylnaphthalene	156.10	437897.25
1,6-dimethylnaphthalene	156.10	360740.91
1,5-dimethylnaphthalene	156.10	147464.91
2,3-dimethylnaphthalene	156.10	145959.09
1,2-dimethylnaphthalene	156.10	96274.54
1,3,7-trimethylnaphthalene	170.10	145786.58
1,3,6-trimethylnaphthalene	170.10	202760.88
1,3,5+1,4,6-trimethylnaphthalene	170.10	201411.00
2,3,6-trimethylnaphthalene	170.10	96433.40
1,2,7-trimethylnaphthalene	170.10	51587.72
1,6,7-trimethylnaphthalene	170.10	158546.72
1,2,6-trimethylnaphthalene	170.10	7137.91
1,2,4-trimethylnaphthalene	170.10	28633.19
1,2,5-trimethylnaphthalene	170.10	88381.22
Phenanthrene	178.10	165912.98
1,3,5,7-tetramethylnaphthalene	184.10	52647.31
1,3,6,7-tetramethylnaphthalene	184.10	50816.56
1,2,4,7-tetramethylnaphthalene	184.10	55274.10
1,2,5,7-tetramethylnaphthalene	184.10	35990.41
2,3,6,7-tetramethylnaphthalene	184.10	20078.59
1,2,6,7-tetramethylnaphthalene	184.10	17521.54
1,2,5,6-tetramethylnaphthalene	184.10	32063.82
Dibenzothiophene	184.10	168917.69
D10-Phenanthrene (Intern. Std.)	188.10	65100.56
3-methylphenanthrene	192.10	77711.59
2-methylphenanthrene	192.10	83049.00
9-methylphenanthrene	192.10	181128.45
1-methylphenanthrene	192.10	135006.67
Cadalene	198.00	6058.13
4-methyldibenzothiophene	198.10	177076.16
3+2-methyldibenzothiophene	198.10	99504.39
1-methyldibenzothiophene	198.10	95842.70
4,5-dimethylphenanthrene	206.20	12967.95
2,6+3,6-dimethylphenanthrene	206.20	30368.69
3,5-dimethylphenanthrene	206.20	22213.46
2,7-dimethylphenanthrene	206.20	12380.80
3,9-dimethylphenanthrene	206.20	167182.89
1,6+2,5+2,9-dimethylphenanthrene	206.20	85965.84
1,7-dimethylphenanthrene	206.20	59444.56
1,9+4,9-dimethylphenanthrene	206.20	69010.31
1,8-dimethylphenanthrene	206.20	21901.70
1,2-dimethylphenanthrene	206.20	11630.68

Peak name	Ion	Area
TA_C20	231.20	13679.56
TA_C21	231.20	12361.91
TA_C22_20S	231.20	2962.92
TA_C22_20R	231.20	2205.00
TA_C26_20S	231.20	7323.62
TA_C26_20R_C27_20S	231.20	28051.43
TA_C28_20S_A+B	231.20	14933.87
TA_C27_20R	231.20	16908.02
TA_C29_20S_A	231.20	4458.48
TA_C29_20S_B	231.20	2315.35
TA_C28_20R	231.20	15351.56
MA_C21_A	253.20	8883.91
MA_C21_B	253.20	3793.57
MA_C22_A	253.20	8181.64
MA_C22_B	253.20	4161.51
MA_C27_I_20S	253.20	4307.92
MA_C27_V_20S	253.20	11501.93
MA_C27_I_20R_C27_V_20R	253.20	13061.95
MA_C27_II_20S	253.20	3529.48
MA_C28_I_20S	253.20	22125.19
MA_C28_V_20S	253.20	2693.62
MA_C27_II_20R	253.20	3225.14
MA_C28_II_20S	253.20	5244.70
MA_C28_I_20R_C28_V_20R	253.20	16516.32
MA_C29_I_20S_C29_V_20S	253.20	13214.50
MA_C29_II_20S	253.20	3131.96
MA_C28_II_20R	253.20	7600.09
MA_C29_I_20R_C29_V_20R	253.20	9761.84

Sample	FPC_61215	Sample type	Oil	Analysis	GC-MSD in SIM mode
Depth	6008.0-6008.0ft	Fraction	Aromatic	Analysis date	25-AUG-2011

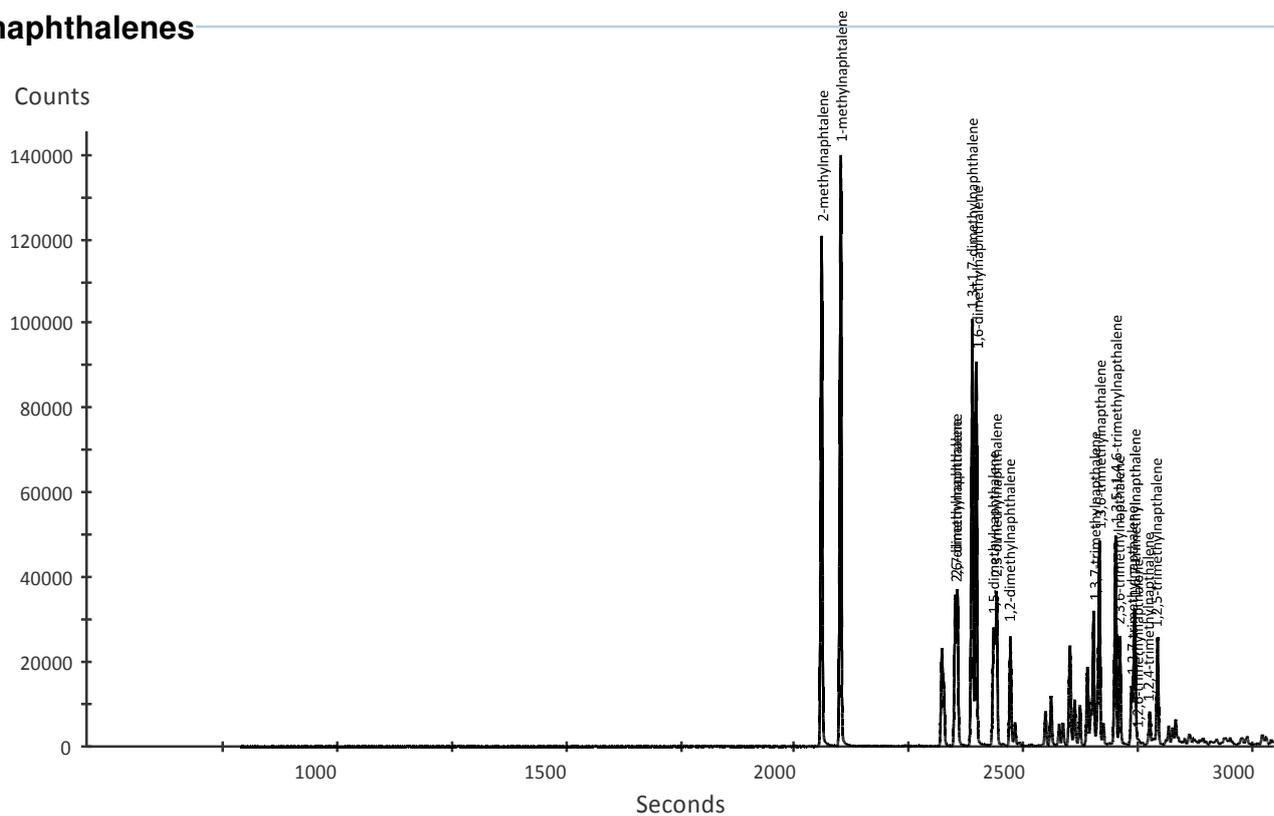
m/z	signal intensity
134.1	1,000

### Alkyl-trimethylbenzenes



m/z	signal intensity
142.1+156.1+170.1	145,431.52

### Methylnaphthalenes

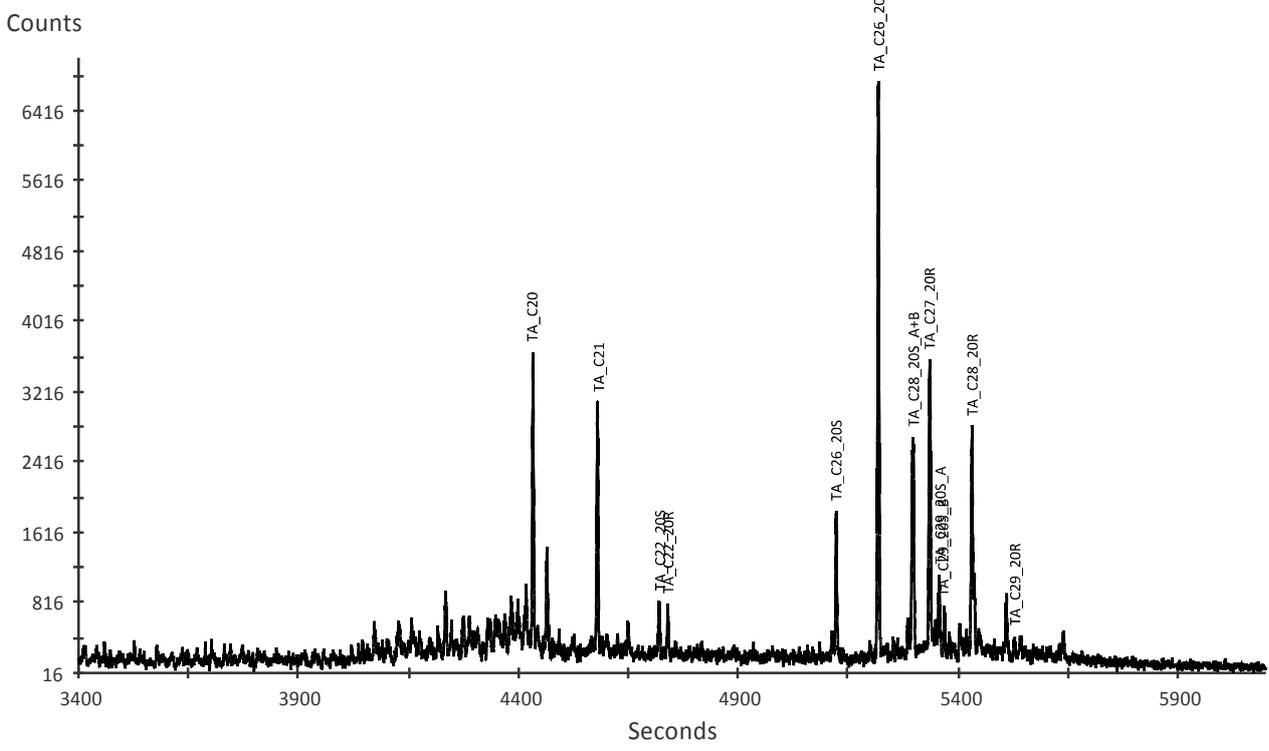




Sample	FPC_61215	Sample type	Oil	Analysis	GC-MSD in SIM mode
Depth	6008.0-6008.0ft	Fraction	Aromatic	Analysis date	25-AUG-2011

m/z	signal intensity
231.1	7,019.36

**Triaromatic steroids**



m/z	signal intensity
253.2	4,654

**Monoaromatic steroids**

