



GC/MS Aromatics Report

Well: 049/19-07

Field: Brigantine C

Country: United Kingdom



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GC/MS aromatics data report

FPC_64735

Sample information

Sample ID	FPC_64735	Depth (ft)	81.23.0 - 8123.0
Sample type	Oil	Formation	ROTLIEGENDES
Country	United Kingdom	Age	-
Basin	Anglo-Dutch Basin	Reservoir	-
Prospect	-	Sample date	-
Block	049/19	Sample origin	-
Field	Brigantine C	Operator	SHELL
Well name	049/19-07	Int. std. D10-Phenanthrene (ppm)	89
Well code	FPCW_4793		
Latitude	53.423849		
Longitude	2.716467		

Peak Data Table

FPC_64735

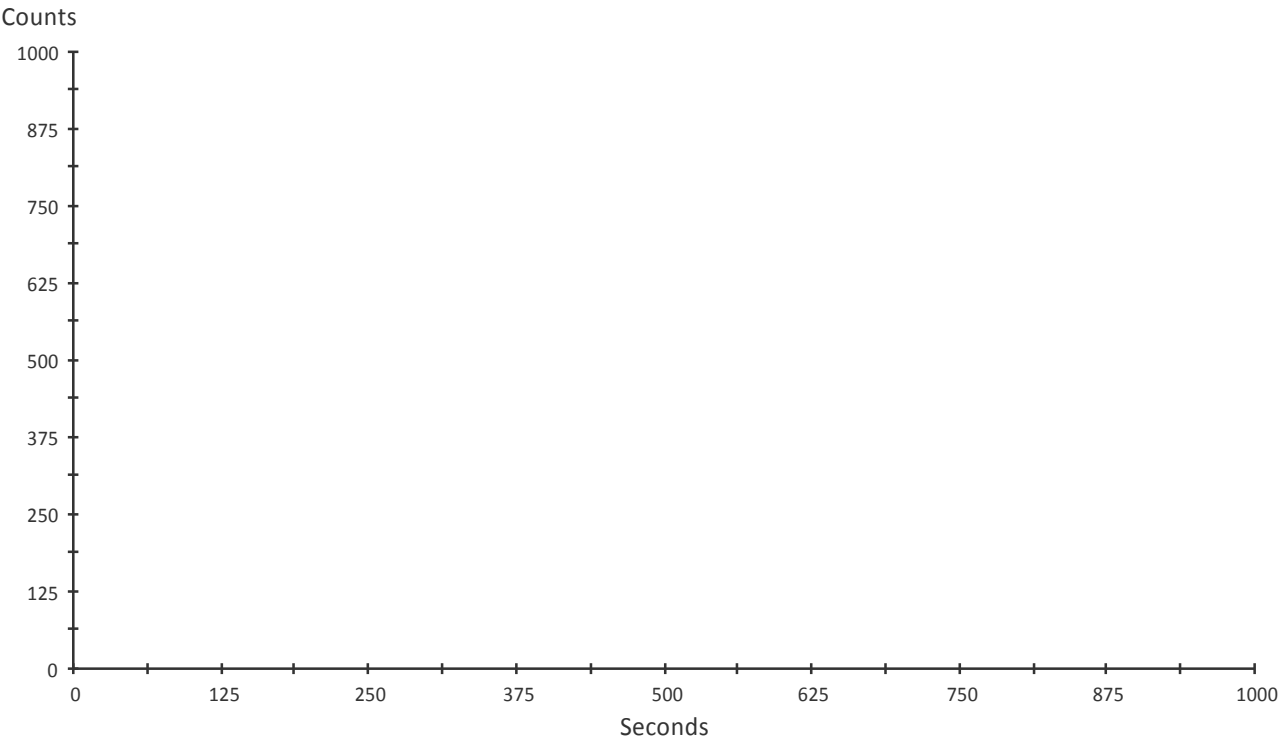
Peak name	Ion	Area
2,3,6_TMB_C15arylisprenoid	134.10	-
2,3,6_TMB_C16arylisprenoid	134.10	-
2,3,6_TMB_C17arylisprenoid	134.10	-
2,3,6_TMB_C18arylisprenoid	134.10	-
2,3,6_TMB_C19arylisprenoid	134.10	-
2,3,6_TMB_C20arylisprenoid	134.10	-
2,3,6_TMB_C21arylisprenoid	134.10	-
2,3,6_TMB_C22Barylisprenoid	134.10	-
2,3,6_TMB_C23arylisprenoid	134.10	-
2-methylnaphtalene	142.10	2076835.62
1-methylnaphtalene	142.10	1923877.50
2,6-dimethylnaphtalene	156.10	467555.31
2,7-dimethylnaphtalene	156.10	581869.44
1,3+1,7-dimethylnaphtalene	156.10	1871209.75
1,6-dimethylnaphtalene	156.10	1067821.50
1,5-dimethylnaphtalene	156.10	182923.48
2,3-dimethylnaphtalene	156.10	896494.94
1,2-dimethylnaphtalene	156.10	370029.88
1,3,7-trimethylnaphtalene	170.10	939225.19
1,3,6-trimethylnaphtalene	170.10	1049279.00
1,3,5+1,4,6-trimethylnaphtalene	170.10	1001465.19
2,3,6-trimethylnaphtalene	170.10	538664.06
1,2,7-trimethylnaphtalene	170.10	203273.03
1,6,7-trimethylnaphtalene	170.10	1048897.00
1,2,6-trimethylnaphtalene	170.10	66439.00
1,2,4-trimethylnaphtalene	170.10	152778.75
1,2,5-trimethylnaphtalene	170.10	646827.94
Phenanthrene	178.10	1011093.75
1,3,5,7-tetramethylnaphtalene	184.10	412967.16
1,3,6,7-tetramethylnaphtalene	184.10	398414.22
1,2,4,7-tetramethylnaphtalene	184.10	396326.19
1,2,5,7-tetramethylnaphtalene	184.10	373712.53
2,3,6,7-tetramethylnaphtalene	184.10	205183.34
1,2,6,7-tetramethylnaphtalene	184.10	148768.53
1,2,5,6-tetramethylnaphtalene	184.10	673974.69
Dibenzothiophene	184.10	336622.47
D10-Phenanthrene (Intern. Std.)	188.10	7444614.50
3-methylphenanthrene	192.10	146512.61
2-methylphenanthrene	192.10	181298.94
9-methylphenanthrene	192.10	294558.09
1-methylphenanthrene	192.10	126987.89
Cadalene	198.00	-
4-methyldibenzothiophene	198.10	205659.66
3+2-methyldibenzothiophene	198.10	145925.30
1-methyldibenzothiophene	198.10	214008.73
4,5-dimethylphenanthrene	206.20	18907.08
2,6+3,6-dimethylphenanthrene	206.20	37023.74
3,5-dimethylphenanthrene	206.20	31515.68
2,7-dimethylphenanthrene	206.20	25132.91
3,9-dimethylphenanthrene	206.20	147126.69
1,6+2,5+2,9-dimethylphenanthrene	206.20	68644.05
1,7-dimethylphenanthrene	206.20	46794.90
1,9+4,9-dimethylphenanthrene	206.20	61057.09
1,8-dimethylphenanthrene	206.20	11456.03
1,2-dimethylphenanthrene	206.20	11066.41

Peak name	Ion	Area
TA_C20	231.20	37144.18
TA_C21	231.20	27205.87
TA_C22_20S	231.20	7666.43
TA_C22_20R	231.20	-
TA_C26_20S	231.20	43855.68
TA_C26_20R_C27_20S	231.20	105670.92
TA_C28_20S_A+B	231.20	128808.51
TA_C27_20R	231.20	47436.34
TA_C29_20S_A	231.20	4520.69
TA_C29_20S_B	231.20	2602.74
TA_C28_20R	231.20	72769.39
MA_C21_A	253.20	20802.43
MA_C21_B	253.20	15627.74
MA_C22_A	253.20	25421.62
MA_C22_B	253.20	14792.46
MA_C27_I_20S	253.20	20467.15
MA_C27_V_20S	253.20	55491.40
MA_C27_I_20R_C27_V_20R	253.20	55851.32
MA_C27_II_20S	253.20	25032.71
MA_C28_I_20S	253.20	100675.90
MA_C28_V_20S	253.20	6336.31
MA_C27_II_20R	253.20	17601.67
MA_C28_II_20S	253.20	31364.75
MA_C28_I_20R_C28_V_20R	253.20	51117.32
MA_C29_I_20S_C29_V_20S	253.20	121107.91
MA_C29_II_20S	253.20	45912.84
MA_C28_II_20R	253.20	30456.26
MA_C29_I_20R_C29_V_20R	253.20	70902.13

Sample	FPC_64735	Sample type	Oil	Analysis	GC-MSD in SIM mode
Depth	8123.0-8123.0ft	Fraction	Aromatic	Analysis date	19-FEB-2013

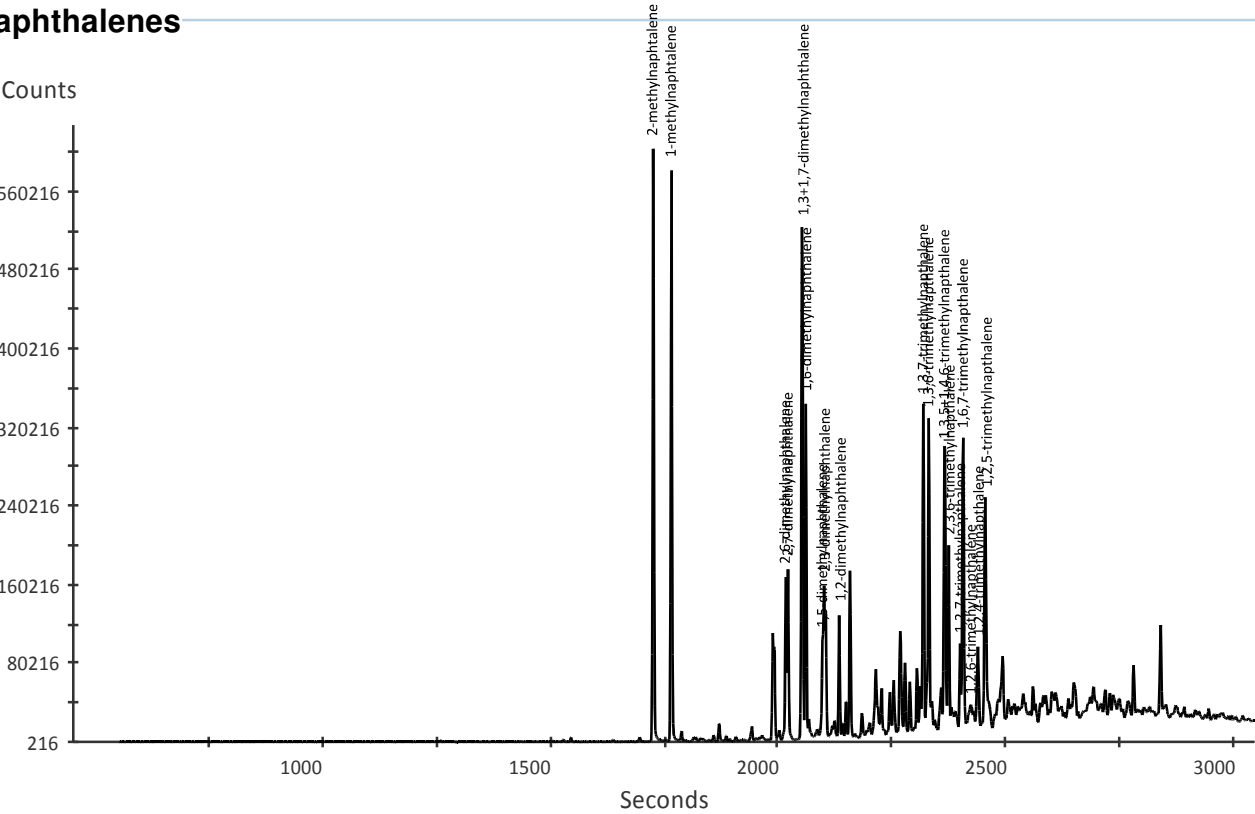
m/z	signal intensity
134.1	1,000

Alkyl-trimethylbenzenes



m/z	signal intensity
142.1+156.1+170.1	627,290.24

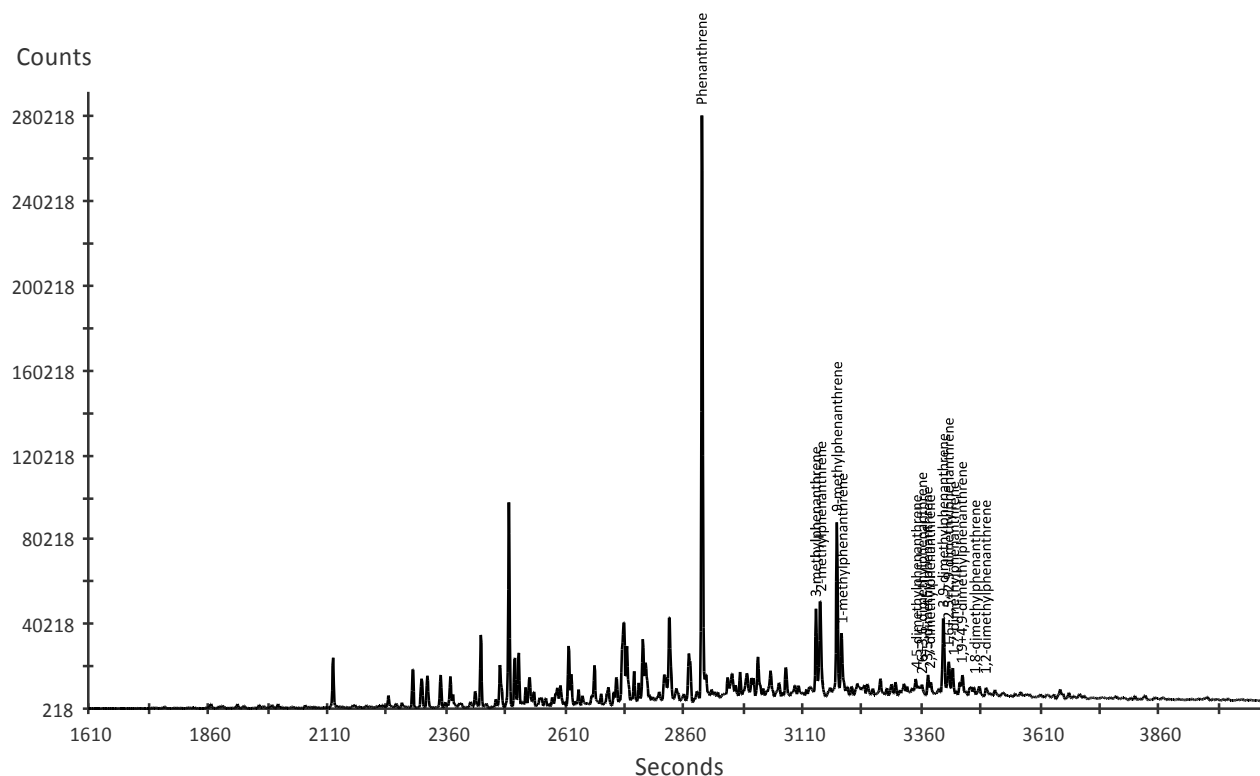
Methylnaphthalenes



Sample	FPC_64735	Sample type	Oil	Analysis	GC-MSD in SIM mode
Depth	8123.0-8123.0ft	Fraction	Aromatic	Analysis date	19-FEB-2013

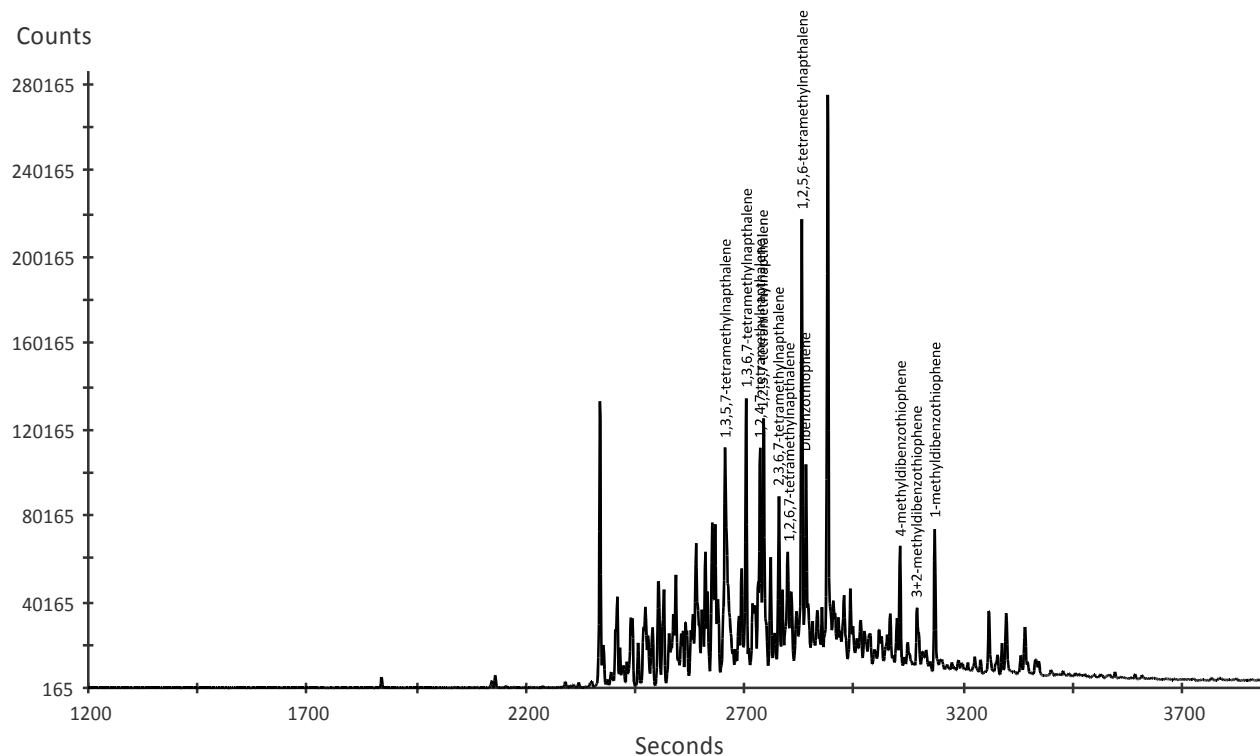
m/z	signal intensity
178.1+192.1+206.1	292,164.7

Methylphenanthrenes



m/z	signal intensity
184.0+198.1+212.1	286,334.57

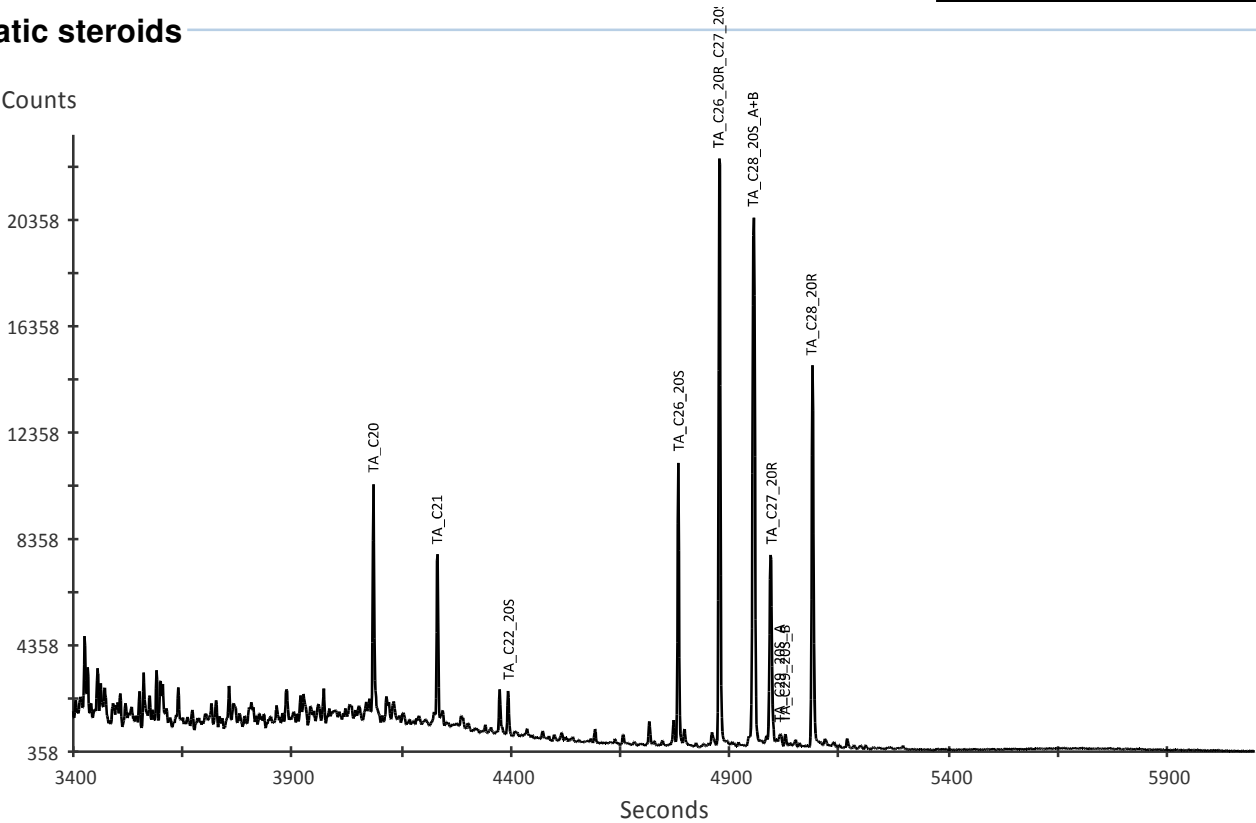
Dibenzothiophenes



Sample	FPC_64735	Sample type	Oil	Analysis	GC-MSD in SIM mode
Depth	8123.0-8123.0ft	Fraction	Aromatic	Analysis date	19-FEB-2013

m/z	signal intensity
231.1	23,506.32

Triaromatic steroids



m/z	signal intensity
253.2	26,105.48

Monoaromatic steroids

