



# GC/MS Aromatics Report

**Well: WYTCH FARM D-5**

**Field: Wytch Farm**

**Country: United Kingdom**



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# GC/MS aromatics data report

## FPC\_317350

### Sample information

Sample ID	<b>FPC_317350</b>	Depth (ft)	<b>13952.0 - 13952.0</b>
Sample type	<b>Oil</b>	Formation	-
Country	<b>United Kingdom</b>	Age	-
Basin	<b>Wessex Basin</b>	Reservoir	-
Prospect	-	Sample date	-
Block	-	Sample origin	<b>UNKN</b>
Field	<b>Wytch Farm</b>	Operator	<b>BRITISH GAS</b>
Well name	<b>WYTCH FARM D-5</b>	Int. std. D10-Phenanthrene (ppm)	<b>82</b>
Well code	<b>FPCW_55525</b>		
Latitude	<b>50.670516</b>		
Longitude	<b>-2.008863</b>		

# Peak Data Table

## FPC\_317350

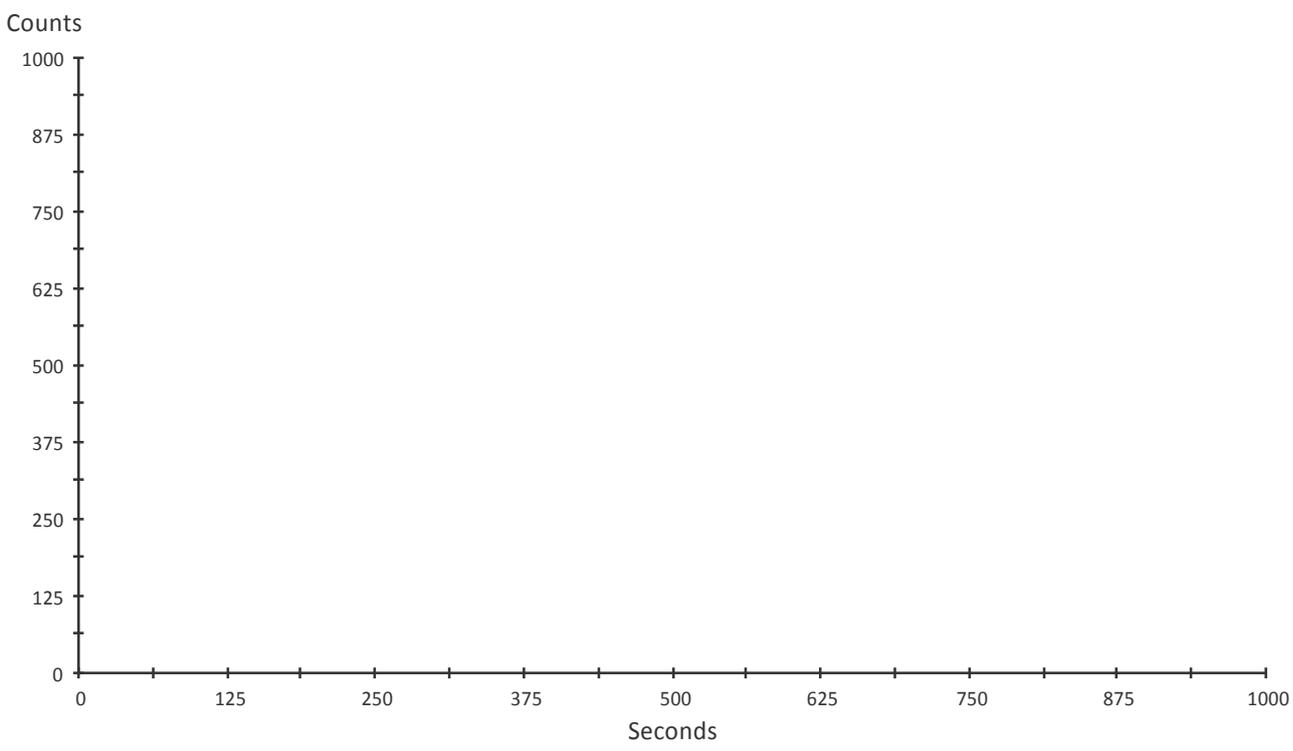
Peak name	Ion	Area
2,3,6_TMB_C15arylisprenoid	134.10	-
2,3,6_TMB_C16arylisprenoid	134.10	-
2,3,6_TMB_C17arylisprenoid	134.10	-
2,3,6_TMB_C18arylisprenoid	134.10	-
2,3,6_TMB_C19arylisprenoid	134.10	-
2,3,6_TMB_C20arylisprenoid	134.10	-
2,3,6_TMB_C21arylisprenoid	134.10	-
2,3,6_TMB_C22Barylisprenoid	134.10	-
2,3,6_TMB_C23arylisprenoid	134.10	-
2-methylnaphtalene	142.10	2770231.00
1-methylnaphtalene	142.10	2651970.00
2,6-dimethylnaphtalene	156.10	1123471.62
2,7-dimethylnaphtalene	156.10	1140319.12
1,3+1,7-dimethylnaphtalene	156.10	3197708.50
1,6-dimethylnaphtalene	156.10	2331956.75
1,5-dimethylnaphtalene	156.10	1029152.25
2,3-dimethylnaphtalene	156.10	762426.50
1,2-dimethylnaphtalene	156.10	390438.44
1,3,7-trimethylnaphtalene	170.10	1301989.62
1,3,6-trimethylnaphtalene	170.10	1772156.12
1,3,5+1,4,6-trimethylnaphtalene	170.10	1521260.62
2,3,6-trimethylnaphtalene	170.10	1082118.62
1,2,7-trimethylnaphtalene	170.10	193271.62
1,6,7-trimethylnaphtalene	170.10	1316794.12
1,2,6-trimethylnaphtalene	170.10	51316.86
1,2,4-trimethylnaphtalene	170.10	149822.52
1,2,5-trimethylnaphtalene	170.10	427064.84
Phenanthrene	178.10	1305986.88
1,3,5,7-tetramethylnaphtalene	184.10	424337.94
1,3,6,7-tetramethylnaphtalene	184.10	614240.44
1,2,4,7-tetramethylnaphtalene	184.10	364042.53
1,2,5,7-tetramethylnaphtalene	184.10	204037.39
2,3,6,7-tetramethylnaphtalene	184.10	159991.00
1,2,6,7-tetramethylnaphtalene	184.10	97681.91
1,2,5,6-tetramethylnaphtalene	184.10	187265.28
Dibenzothiophene	184.10	119904.30
D10-Phenanthrene (Intern. Std.)	188.10	779585.00
3-methylphenanthrene	192.10	640016.50
2-methylphenanthrene	192.10	686783.12
9-methylphenanthrene	192.10	1427655.12
1-methylphenanthrene	192.10	852975.88
Cadalene	198.00	34567.00
4-methyldibenzothiophene	198.10	251611.72
3+2-methyldibenzothiophene	198.10	96159.58
1-methyldibenzothiophene	198.10	68038.11
4,5-dimethylphenanthrene	206.20	42820.02
2,6+3,6-dimethylphenanthrene	206.20	181372.03
3,5-dimethylphenanthrene	206.20	194762.92
2,7-dimethylphenanthrene	206.20	124606.02
3,9-dimethylphenanthrene	206.20	1422500.75
1,6+2,5+2,9-dimethylphenanthrene	206.20	617757.56
1,7-dimethylphenanthrene	206.20	377351.25
1,9+4,9-dimethylphenanthrene	206.20	556248.06
1,8-dimethylphenanthrene	206.20	148161.25
1,2-dimethylphenanthrene	206.20	58169.49

Peak name	Ion	Area
TA_C20	231.20	85906.16
TA_C21	231.20	69099.27
TA_C22_20S	231.20	9138.44
TA_C22_20R	231.20	7922.79
TA_C26_20S	231.20	35156.00
TA_C26_20R_C27_20S	231.20	91461.80
TA_C28_20S_A+B	231.20	96524.66
TA_C27_20R	231.20	46495.61
TA_C29_20S_A	231.20	4442.73
TA_C29_20S_B	231.20	14143.74
TA_C28_20R	231.20	79687.01
MA_C21_A	253.20	12140.50
MA_C21_B	253.20	9404.86
MA_C22_A	253.20	12625.94
MA_C22_B	253.20	8601.27
MA_C27_I_20S	253.20	1823.50
MA_C27_V_20S	253.20	17488.34
MA_C27_I_20R_C27_V_20R	253.20	12696.91
MA_C27_II_20S	253.20	4958.60
MA_C28_I_20S	253.20	23752.28
MA_C28_V_20S	253.20	1842.10
MA_C27_II_20R	253.20	2036.86
MA_C28_II_20S	253.20	3159.29
MA_C28_I_20R_C28_V_20R	253.20	12683.04
MA_C29_I_20S_C29_V_20S	253.20	27651.12
MA_C29_II_20S	253.20	3608.86
MA_C28_II_20R	253.20	4036.60
MA_C29_I_20R_C29_V_20R	253.20	23778.07

Sample	FPC_317350	Sample type	Oil	Analysis	GC-MSD in SIM mode
Depth	13952.0-13952.0ft	Fraction	Aromatic	Analysis date	20-JUN-2012

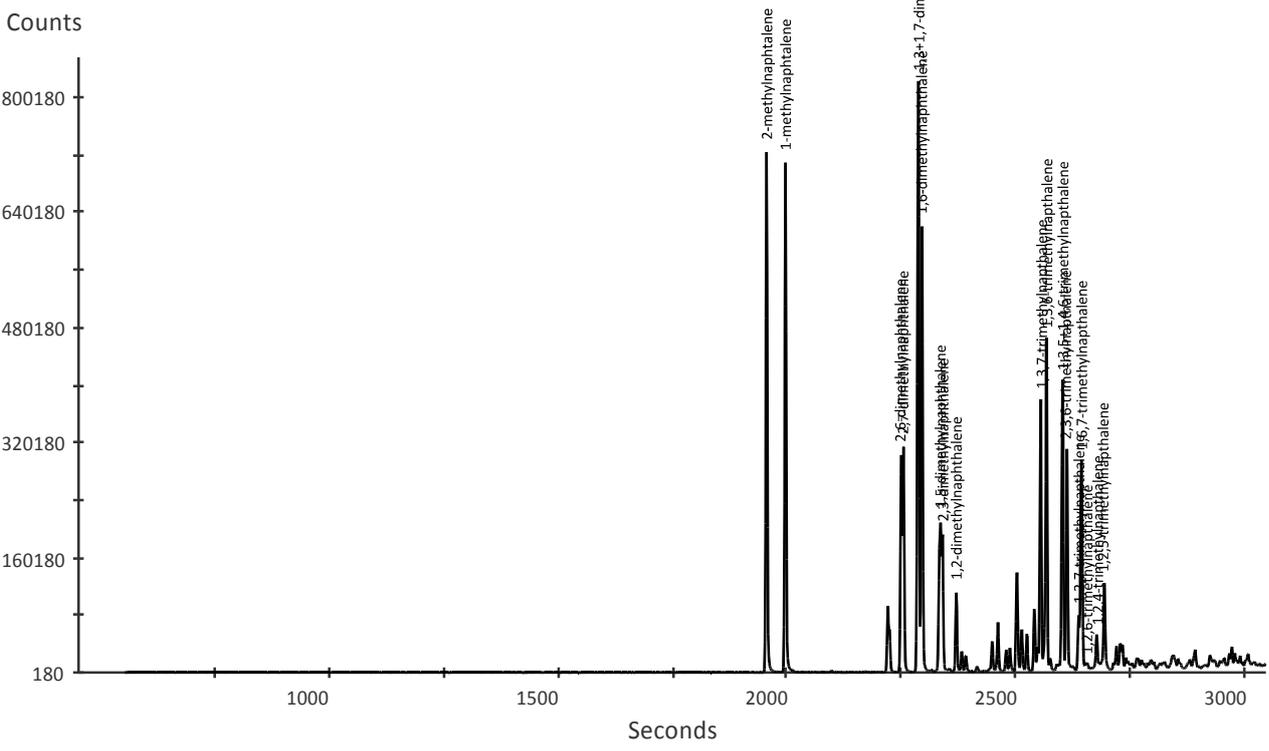
m/z	signal intensity
134.1	1,000

### Alkyl-trimethylbenzenes



m/z	signal intensity
142.1+156.1+170.1	855,762

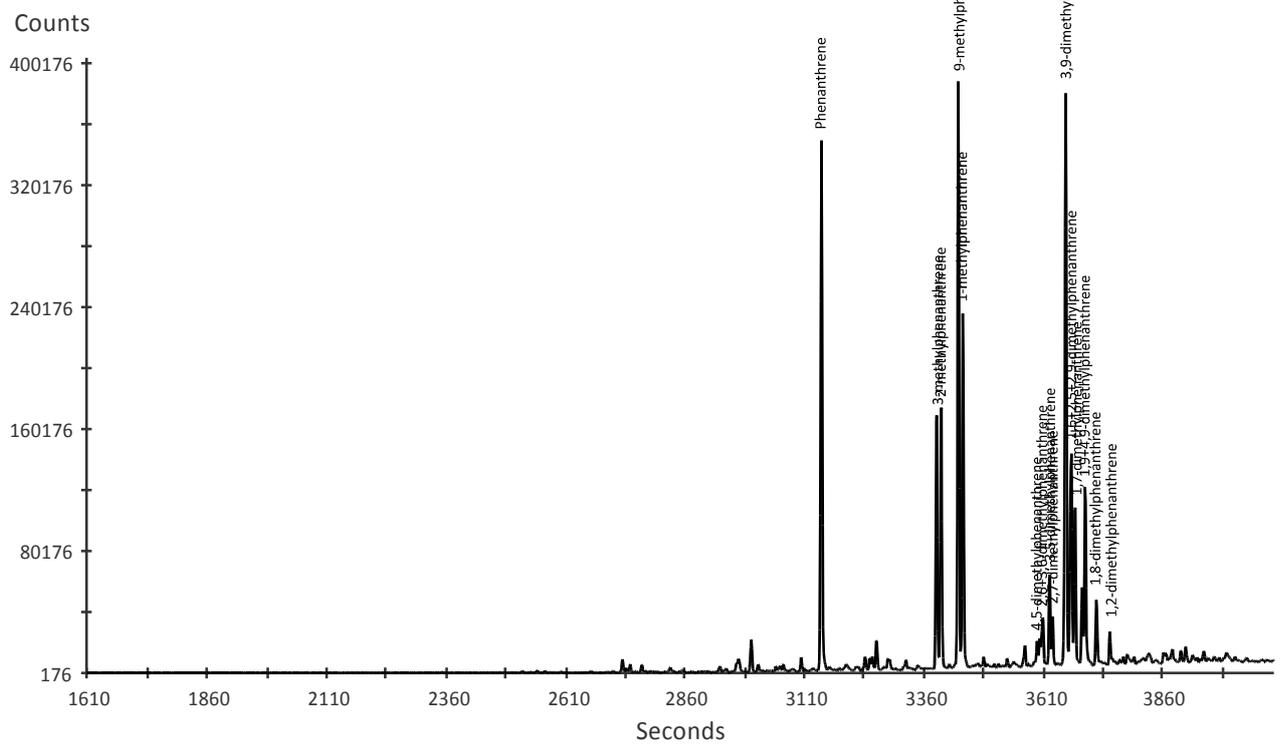
### Methylnaphthalenes



Sample	FPC_317350	Sample type	Oil	Analysis	GC-MSD in SIM mode
Depth	13952.0-13952.0ft	Fraction	Aromatic	Analysis date	20-JUN-2012

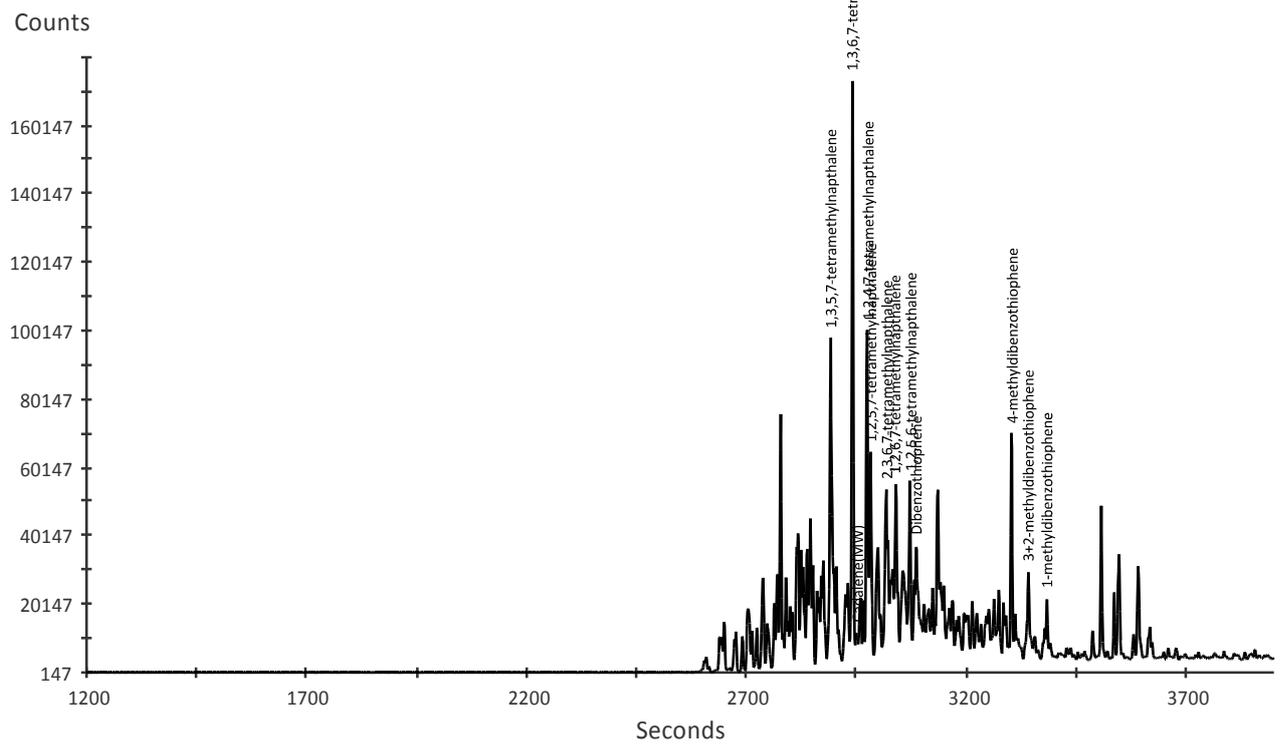
m/z	signal intensity
178.1+192.1+206.1	403,246.72

### Methylphenanthrenes



m/z	signal intensity
184.0+198.1+212.1	179,960.92

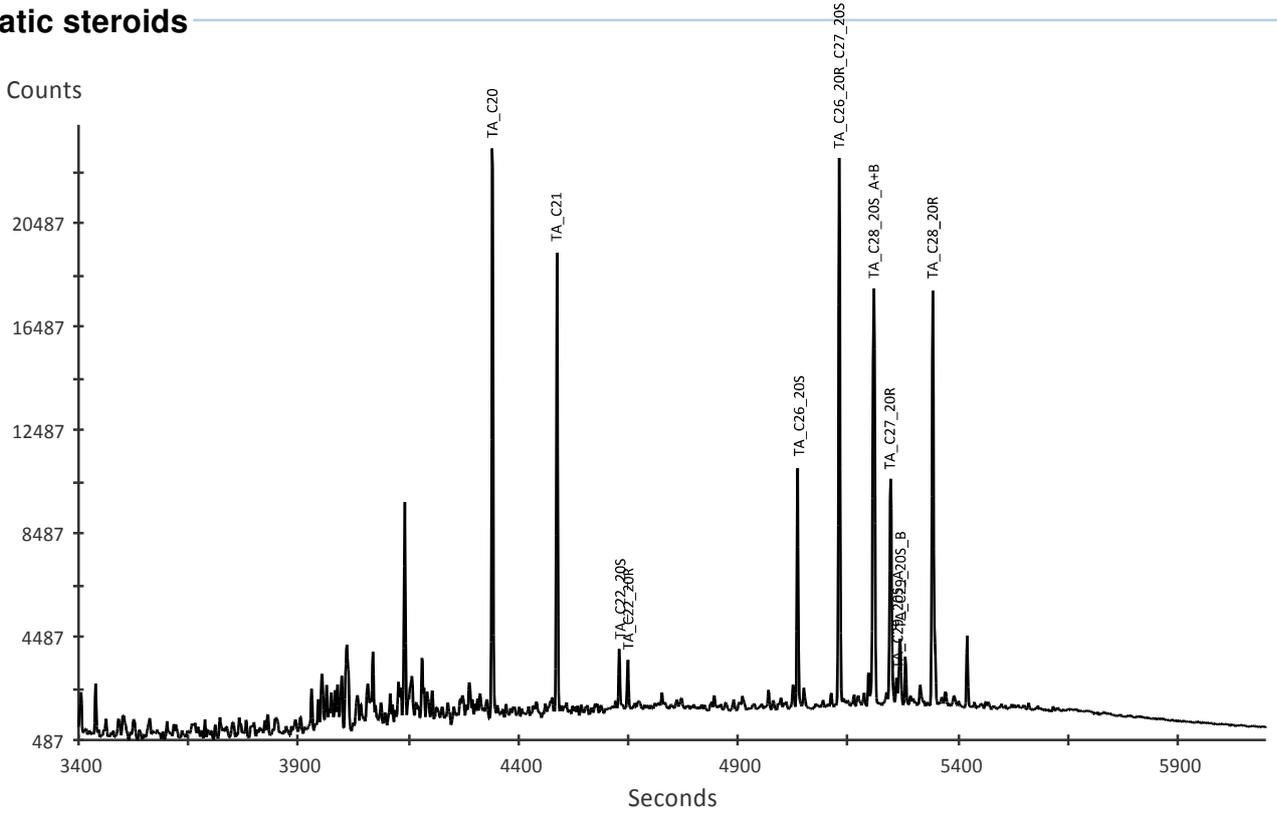
### Dibenzothiophenes



Sample	FPC_317350	Sample type	Oil	Analysis	GC-MSD in SIM mode
Depth	13952.0-13952.0ft	Fraction	Aromatic	Analysis date	20-JUN-2012

m/z	signal intensity
231.1	24,333.16

**Triaromatic steroids**



m/z	signal intensity
253.2	9,078.24

**Monoaromatic steroids**

