GC/MS Aromatics Report

Well: DUKES WOOD 45

Field: Dukes Wood

Country: United Kingdom

GC/MS aromatics data report
FPC_317316

Sample information

Sample ID	**FPC_317316**	Depth (ft)	**6772.0 - 6911.0**
Sample type	**Oil**	Formation	**-**
Country	**United Kingdom**	Age	**-**
Basin	**Anglo-Dutch Basin**	Reservoir	**-**
Prospect	**-**	Sample date	**-**
Block	**-**	Sample origin	**UNKN**
Field	**Dukes Wood**	Operator	**BP**
Well name	**DUKES WOOD 45**	Int. std. D10-Phenanthrene (ppm)	**77**
Well code	**FPCW_45271**		
Latitude	**53.128364**		
Longitude	**-0.984075**		

Peak Data Table
FPC_317316

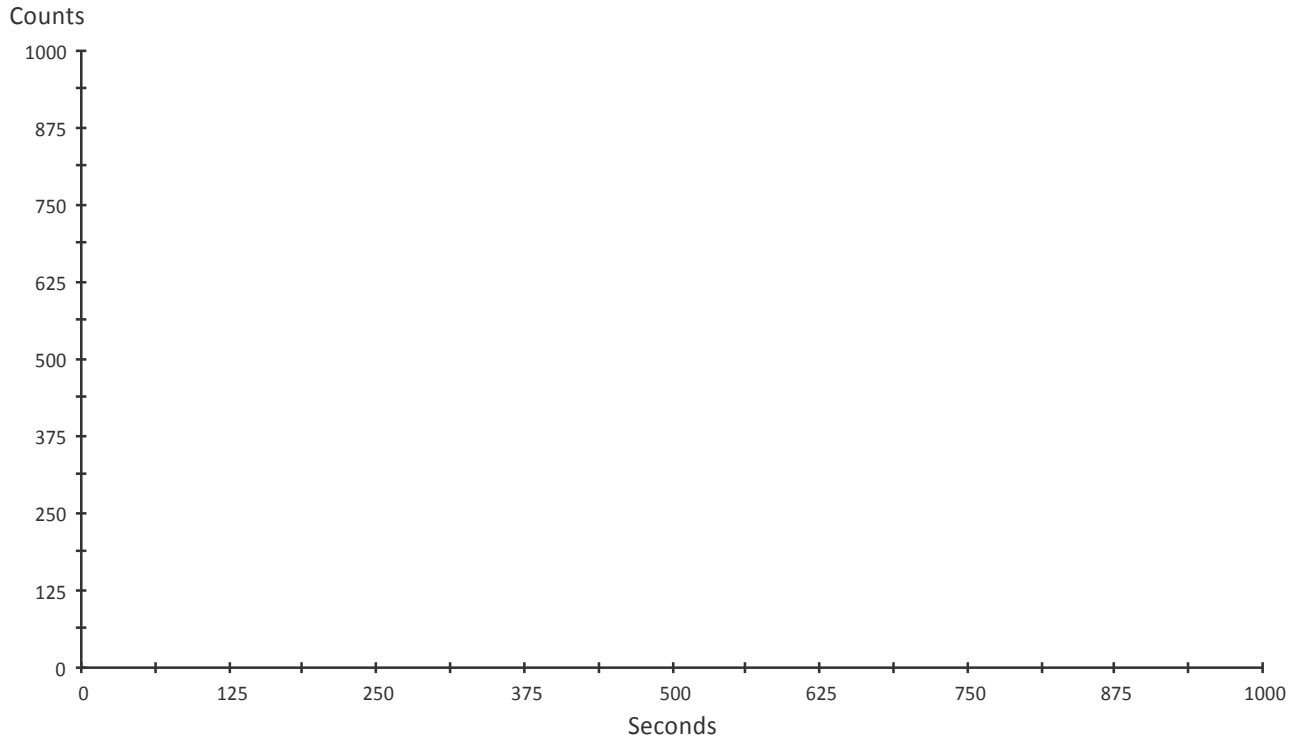
Peak name	Ion	Area
2,3,6_TMB_C15arylisoprenoid	134.10	-
2,3,6_TMB_C16arylisoprenoid	134.10	-
2,3,6_TMB_C17arylisoprenoid	134.10	-
2,3,6_TMB_C18arylisoprenoid	134.10	-
2,3,6_TMB_C19arylisoprenoid	134.10	-
2,3,6_TMB_C20arylisoprenoid	134.10	-
2,3,6_TMB_C21arylisoprenoid	134.10	-
2,3,6_TMB_C22Barylisoprenoid	134.10	-
2,3,6_TMB_C23arylisoprenoid	134.10	-
2-methylnaphtalene	142.10	374939.53
1-methylnaphtalene	142.10	278713.44
2,6-dimethylnaphthalene	156.10	237288.42
2,7-dimethylnaphthalene	156.10	233954.56
1,3+1,7-dimethylnaphthalene	156.10	506849.38
1,6-dimethylnaphthalene	156.10	468708.72
1,5-dimethylnaphthalene	156.10	104175.95
2,3-dimethylnaphthalene	156.10	213157.14
1,2-dimethylnaphthalene	156.10	90417.51
1,3,7-trimethylnapthalene	170.10	284166.84
1,3,6-trimethylnapthalene	170.10	450901.84
1,3,5+1,4,6-trimethylnapthalene	170.10	327435.50
2,3,6-trimethylnapthalene	170.10	265732.38
1,2,7-trimethylnapthalene	170.10	56146.70
1,6,7-trimethylnapthalene	170.10	340821.31
1,2,6-trimethylnapthalene	170.10	17148.72
1,2,4-trimethylnapthalene	170.10	52573.62
1,2,5-trimethylnapthalene	170.10	151870.00
Phenanthrene	178.10	289300.28
1,3,5,7-tetramethylnapthalene	184.10	157244.20
1,3,6,7-tetramethylnapthalene	184.10	167054.42
1,2,4,7-tetramethylnapthalene	184.10	152429.45
1,2,5,7-tetramethylnapthalene	184.10	94877.25
2,3,6,7-tetramethylnapthalene	184.10	57613.28
1,2,6,7-tetramethylnapthalene	184.10	48732.79
1,2,5,6-tetramethylnapthalene	184.10	94969.48
Dibenzothiophene	184.10	1020726.88
D10-Phenanthrene (Intern. Std.)	188.10	843994.94
3-methylphenanthrene	192.10	143234.86
2-methylphenanthrene	192.10	180719.09
9-methylphenanthrene	192.10	280263.88
1-methylphenanthrene	192.10	150599.22
Cadalene	198.00	-
4-methyldibenzothiophene	198.10	1103152.50
3+2-methyldibenzothiophene	198.10	850525.50
1-methyldibenzothiophene	198.10	235954.31
4,5-dimethylphenanthrene	206.20	12886.45
2,6+3,6-dimethylphenanthrene	206.20	62777.00
3,5-dimethylphenanthrene	206.20	57170.77
2,7-dimethylphenanthrene	206.20	40273.99
3,9-dimethylphenanthrene	206.20	288580.53
1,6+2,5+2,9-dimethylphenanthrene	206.20	133516.50
1,7-dimethylphenanthrene	206.20	91244.67
1,9+4,9-dimethylphenanthrene	206.20	96394.83
1,8-dimethylphenanthrene	206.20	18975.96
1,2-dimethylphenanthrene	206.20	1569.03

Peak name	Ion	Area
TA_C20	231.20	17107.80
TA_C21	231.20	14002.42
TA_C22_20S	231.20	3596.01
TA_C22_20R	231.20	4123.83
TA_C26_20S	231.20	10919.12
TA_C26_20R_C27_20S	231.20	19542.48
TA_C28_20S_A+B	231.20	19169.20
TA_C27_20R	231.20	9425.43
TA_C29_20S_A	231.20	-
TA_C29_20S_B	231.20	-
TA_C28_20R	231.20	13493.31
MA_C21_A	253.20	18860.37
MA_C21_B	253.20	11548.22
MA_C22_A	253.20	16864.83
MA_C22_B	253.20	9877.88
MA_C27_I_20S	253.20	6359.25
MA_C27_V_20S	253.20	17931.19
MA_C27_I_20R_C27_V_20R	253.20	19352.39
MA_C27_II_20S	253.20	7165.16
MA_C28_I_20S	253.20	15493.01
MA_C28_V_20S	253.20	3463.64
MA_C27_II_20R	253.20	5632.11
MA_C28_II_20S	253.20	4333.93
MA_C28_I_20R_C28_V_20R	253.20	9173.11
MA_C29_I_20S_C29_V_20S	253.20	21459.44
MA_C29_II_20S	253.20	5266.37
MA_C28_II_20R	253.20	4403.89
MA_C29_I_20R_C29_V_20R	253.20	13698.22

Sample	**FPC_317316**	Sample type	**Oil**	Analysis	**GC-MSD in SIM mode**
Depth	**6772.0-6911.0ft**	Fraction	**Aromatic**	Analysis date	**23-OCT-2012**

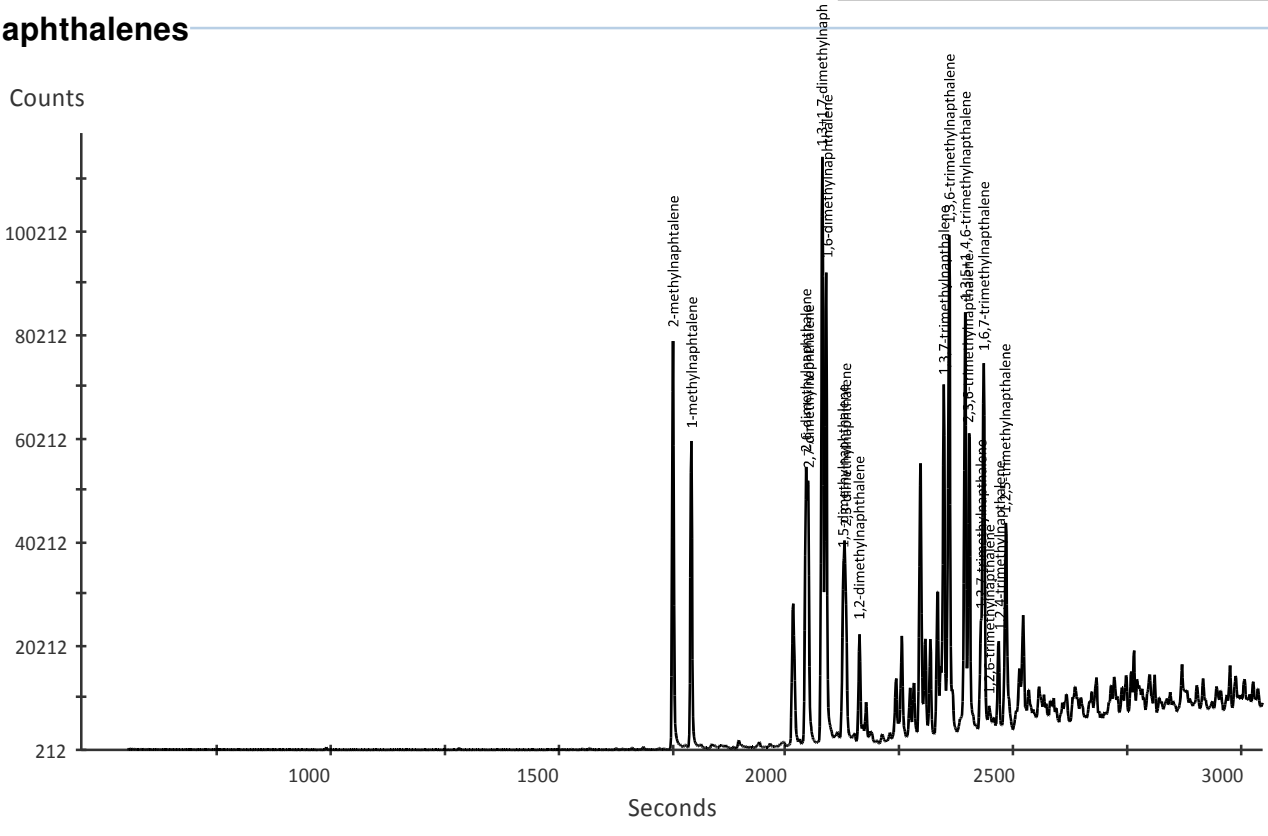
m/z	signal intensity
134.1	**1,000**

Alkyl-trimethylbenzenes



m/z	signal intensity
142.1+156.1+170.1	**118,973.76**

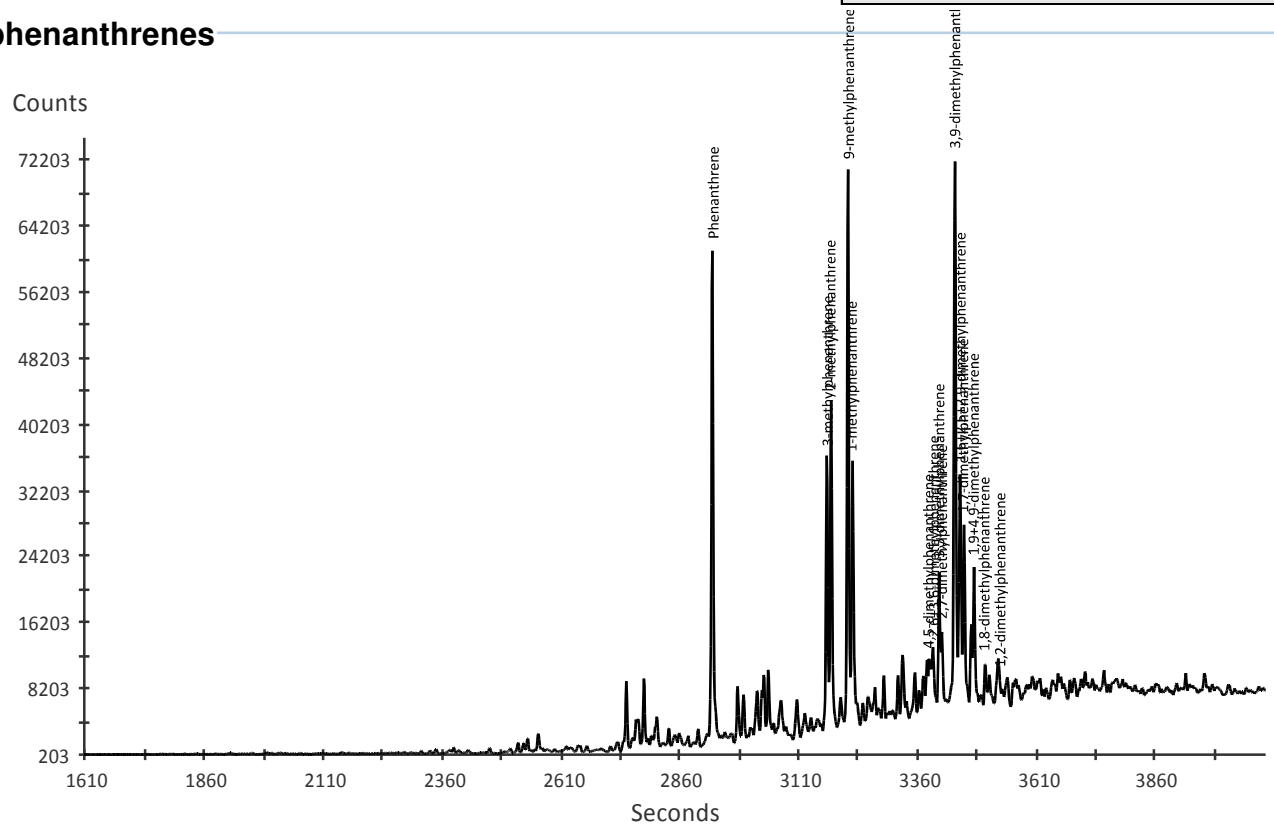
Methylnaphthalenes



Sample	**FPC_317316**	Sample type	**Oil**	Analysis	**GC-MSD in SIM mode**
Depth	**6772.0-6911.0ft**	Fraction	**Aromatic**	Analysis date	**23-OCT-2012**

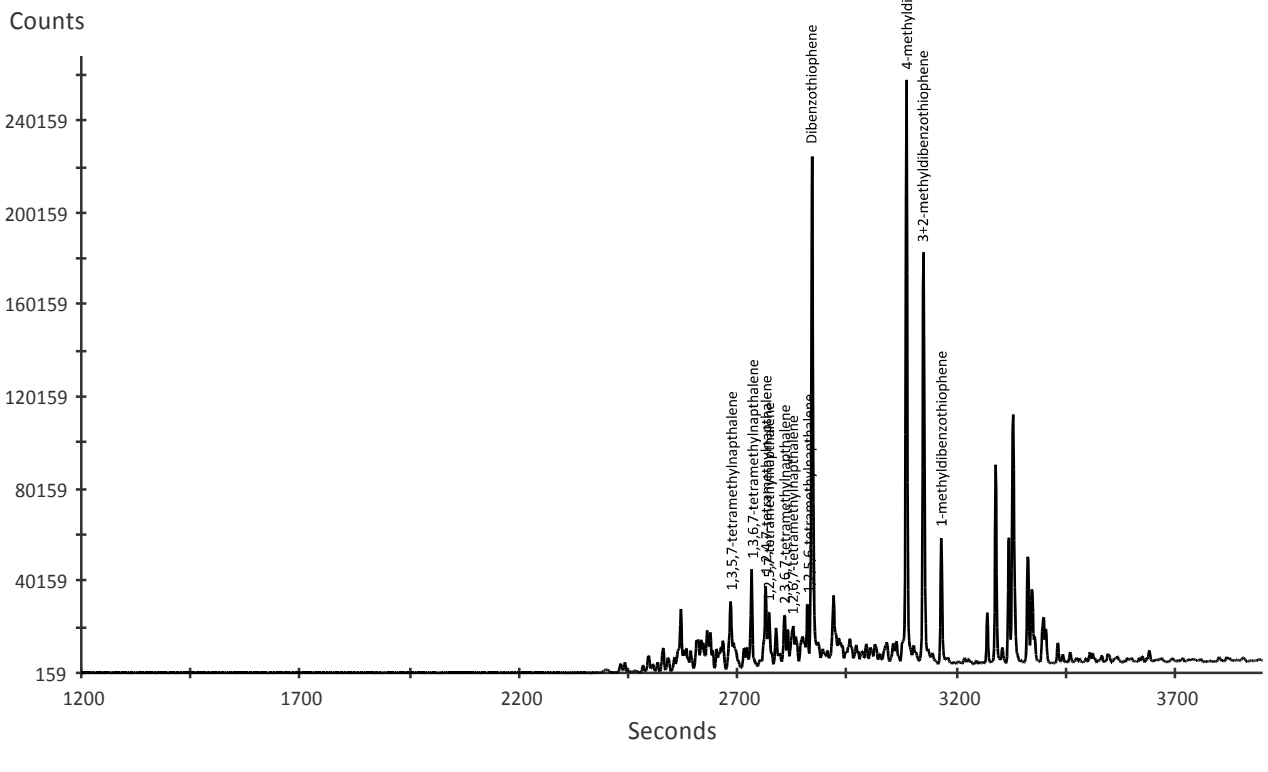
m/z	signal intensity
178.1+192.1+206.1	**74,899.96**

Methylphenanthrenes



m/z	signal intensity
184.0+198.1+212.1	**268,123.32**

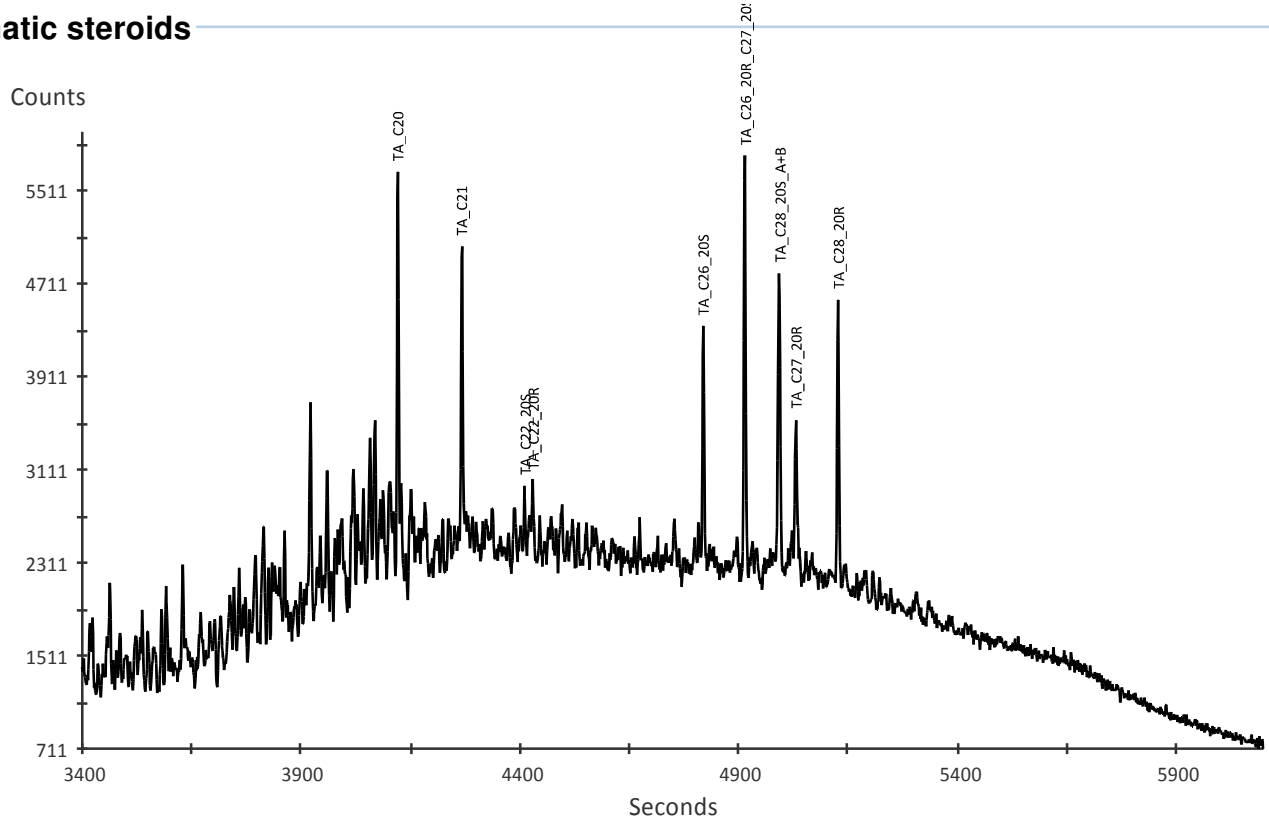
Dibenzothiophenes



Sample	**FPC_317316**	Sample type	**Oil**	Analysis	**GC-MSD in SIM mode**
Depth	**6772.0-6911.0ft**	Fraction	**Aromatic**	Analysis date	**23-OCT-2012**

m/z	signal intensity
231.1	**6,022.28**

Triaromatic steroids



m/z	signal intensity
253.2	**7,437.84**

Monoaromatic steroids