



GC/MS Aromatics Report

Well: 211/13A-08S2

Field: Dondee

Country: United Kingdom



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GC/MS aromatics data report

FPC_320896

Sample information

Sample ID	FPC_320896	Depth (ft)	12365.0 - 12552.0
Sample type	Oil	Formation	-
Country	United Kingdom	Age	-
Basin	Viking Graben Province	Reservoir	-
Prospect	-	Sample date	-
Block	211/13a Don	Sample origin	PROD
Field	Dondee	Operator	SHELL
Well name	211/13A-08S2	Int. std. D10-Phenanthrene (ppm)	185
Well code	FPCW_55357		
Latitude	61.503946		
Longitude	1.572951		

Peak Data Table

FPC_320896

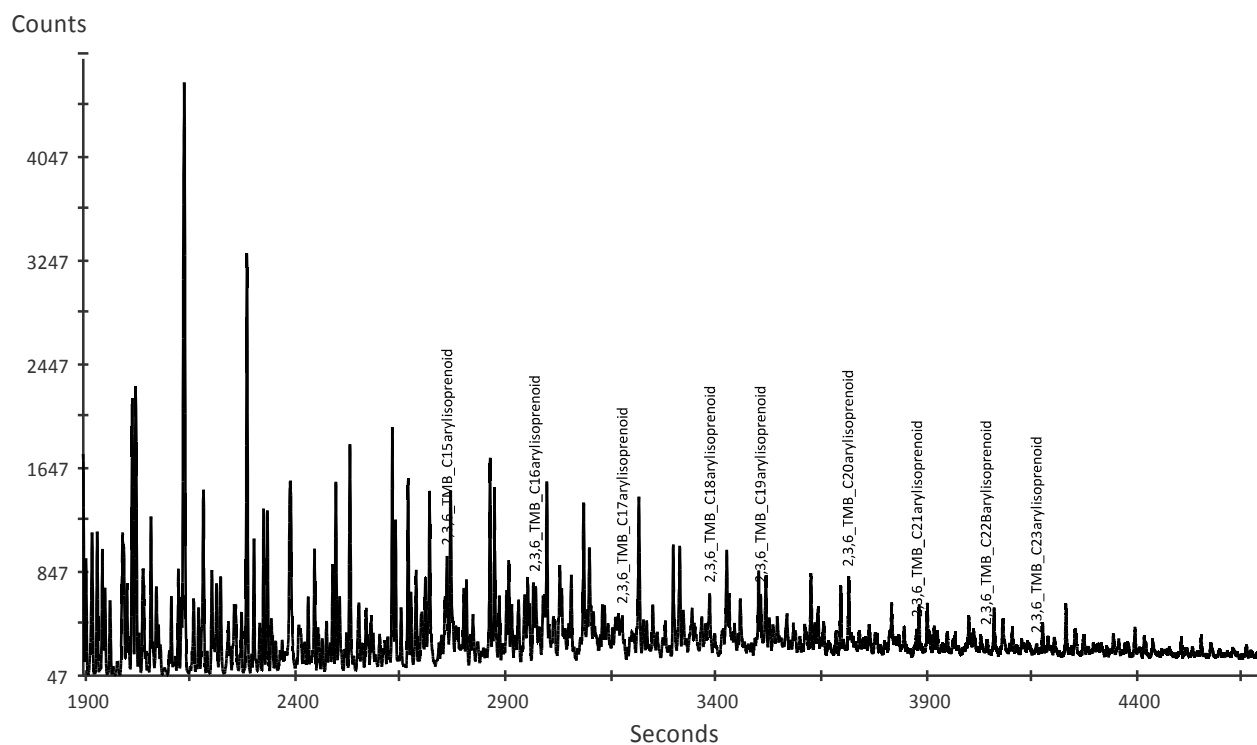
Peak name	Ion	Area
2,3,6_TMB_C15arylisprenoid	134.10	3512.55
2,3,6_TMB_C16arylisprenoid	134.10	2209.70
2,3,6_TMB_C17arylisprenoid	134.10	1191.69
2,3,6_TMB_C18arylisprenoid	134.10	2428.85
2,3,6_TMB_C19arylisprenoid	134.10	1669.33
2,3,6_TMB_C20arylisprenoid	134.10	2750.65
2,3,6_TMB_C21arylisprenoid	134.10	714.33
2,3,6_TMB_C22Barylisprenoid	134.10	534.04
2,3,6_TMB_C23arylisprenoid	134.10	499.66
2-methylnaphtalene	142.10	1342723.25
1-methylnaphtalene	142.10	1053572.25
2,6-dimethylnaphtalene	156.10	319105.81
2,7-dimethylnaphtalene	156.10	316468.06
1,3+1,7-dimethylnaphtalene	156.10	812471.25
1,6-dimethylnaphtalene	156.10	639379.19
1,5-dimethylnaphtalene	156.10	248402.70
2,3-dimethylnaphtalene	156.10	182663.50
1,2-dimethylnaphtalene	156.10	102547.09
1,3,7-trimethylnaphtalene	170.10	203157.19
1,3,6-trimethylnaphtalene	170.10	271549.59
1,3,5+1,4,6-trimethylnaphtalene	170.10	273148.84
2,3,6-trimethylnaphtalene	170.10	164067.06
1,2,7-trimethylnaphtalene	170.10	49495.75
1,6,7-trimethylnaphtalene	170.10	223477.11
1,2,6-trimethylnaphtalene	170.10	9146.35
1,2,4-trimethylnaphtalene	170.10	23435.92
1,2,5-trimethylnaphtalene	170.10	82383.11
Phenanthrene	178.10	296218.16
1,3,5,7-tetramethylnaphtalene	184.10	59381.50
1,3,6,7-tetramethylnaphtalene	184.10	66872.72
1,2,4,7-tetramethylnaphtalene	184.10	51285.78
1,2,5,7-tetramethylnaphtalene	184.10	30858.80
2,3,6,7-tetramethylnaphtalene	184.10	21432.57
1,2,6,7-tetramethylnaphtalene	184.10	12562.42
1,2,5,6-tetramethylnaphtalene	184.10	24871.90
Dibenzothiophene	184.10	58278.70
D10-Phenanthrene (Intern. Std.)	188.10	125191.09
3-methylphenanthrene	192.10	109014.45
2-methylphenanthrene	192.10	120736.76
9-methylphenanthrene	192.10	184611.55
1-methylphenanthrene	192.10	152588.33
Cadalene	198.00	-
4-methyldibenzothiophene	198.10	92479.61
3+2-methyldibenzothiophene	198.10	42742.96
1-methyldibenzothiophene	198.10	20420.27
4,5-dimethylphenanthrene	206.20	5336.09
2,6+3,6-dimethylphenanthrene	206.20	30552.76
3,5-dimethylphenanthrene	206.20	27396.70
2,7-dimethylphenanthrene	206.20	16352.12
3,9-dimethylphenanthrene	206.20	156125.52
1,6+2,5+2,9-dimethylphenanthrene	206.20	79101.36
1,7-dimethylphenanthrene	206.20	64363.57
1,9+4,9-dimethylphenanthrene	206.20	62162.64
1,8-dimethylphenanthrene	206.20	18582.37
1,2-dimethylphenanthrene	206.20	9152.12

Peak name	Ion	Area
TA_C20	231.20	5281.46
TA_C21	231.20	4898.18
TA_C22_20S	231.20	651.67
TA_C22_20R	231.20	648.66
TA_C26_20S	231.20	985.69
TA_C26_20R_C27_20S	231.20	2611.66
TA_C28_20S_A+B	231.20	2020.66
TA_C27_20R	231.20	1654.21
TA_C29_20S_A	231.20	717.69
TA_C29_20S_B	231.20	414.23
TA_C28_20R	231.20	1888.52
MA_C21_A	253.20	2663.33
MA_C21_B	253.20	1285.31
MA_C22_A	253.20	2246.45
MA_C22_B	253.20	1487.29
MA_C27_I_20S	253.20	460.48
MA_C27_V_20S	253.20	1421.46
MA_C27_I_20R_C27_V_20R	253.20	1165.77
MA_C27_II_20S	253.20	926.32
MA_C28_I_20S	253.20	2142.88
MA_C28_V_20S	253.20	303.00
MA_C27_II_20R	253.20	237.63
MA_C28_II_20S	253.20	316.65
MA_C28_I_20R_C28_V_20R	253.20	1195.77
MA_C29_I_20S_C29_V_20S	253.20	1586.05
MA_C29_II_20S	253.20	636.87
MA_C28_II_20R	253.20	830.89
MA_C29_I_20R_C29_V_20R	253.20	1186.86

Sample	FPC_320896	Sample type	Oil	Analysis	GC-MSD in SIM mode
Depth	12366.0-12552.0ft	Fraction	Aromatic	Analysis date	12-SEP-2014

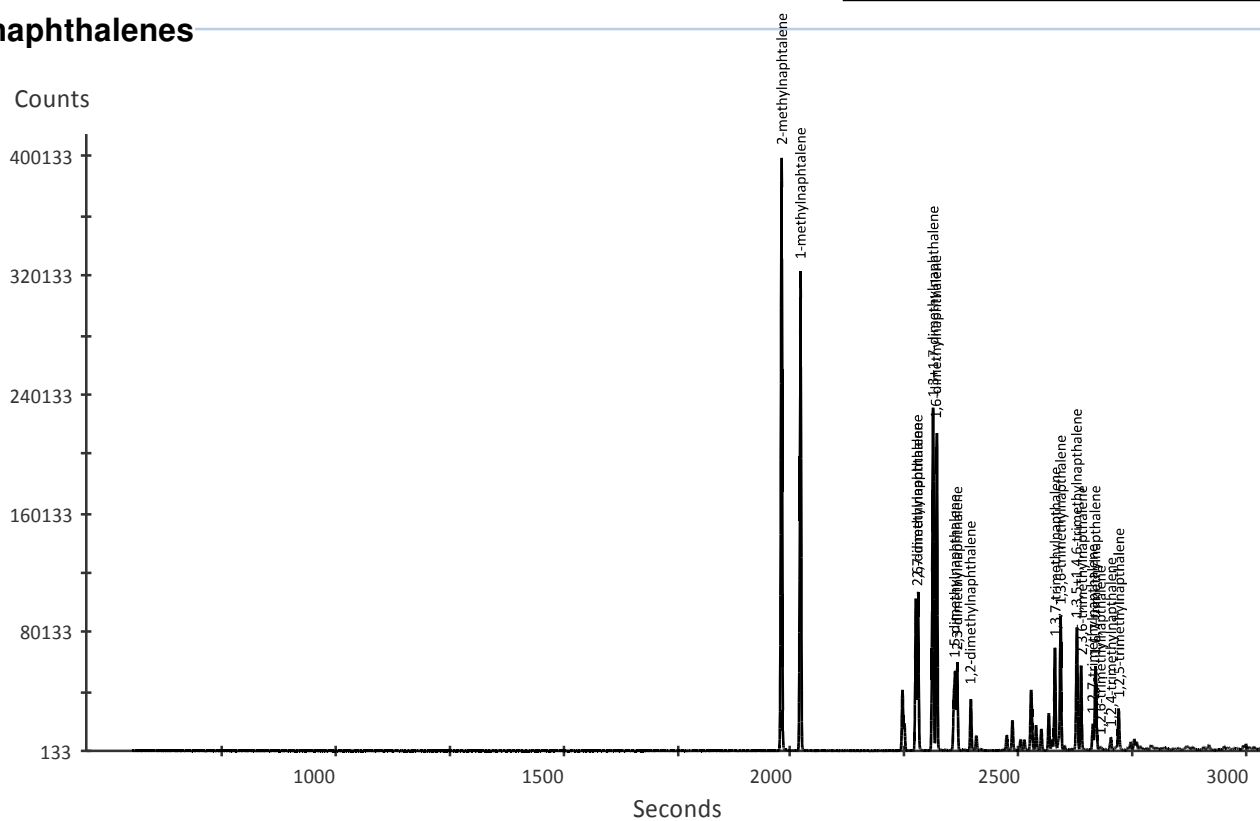
m/z	signal intensity
134.1	4,798.76

Alkyl-trimethylbenzenes

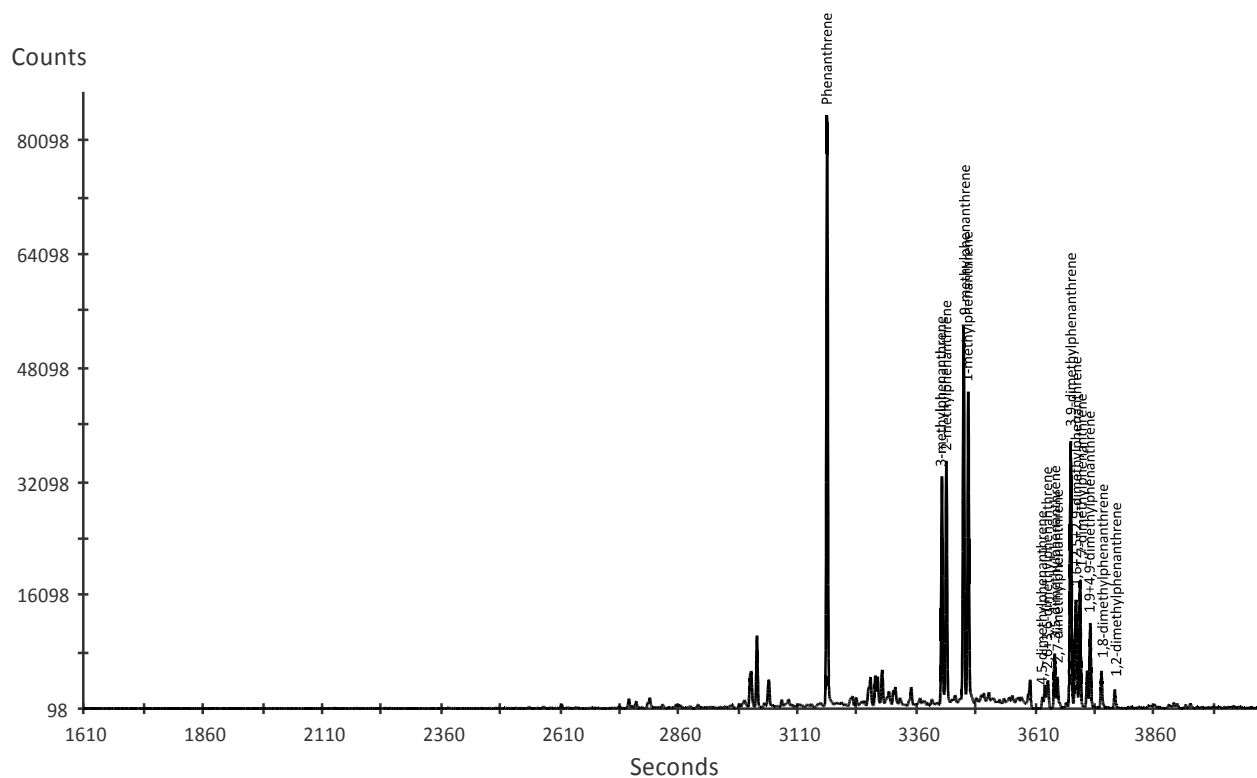


m/z	signal intensity
142.1+156.1+170.1	415,313.48

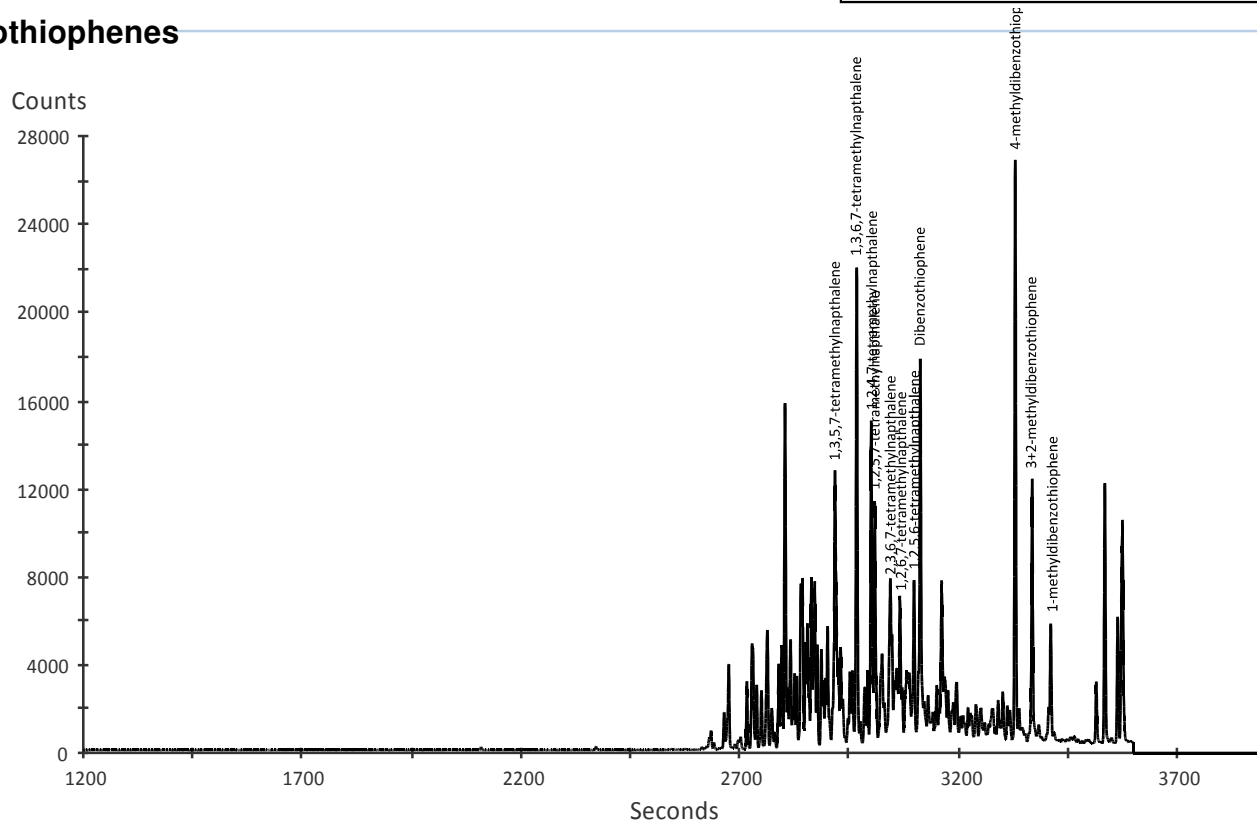
Methylnaphthalenes



m/z	signal intensity
178.1+192.1+206.1	86,933.84



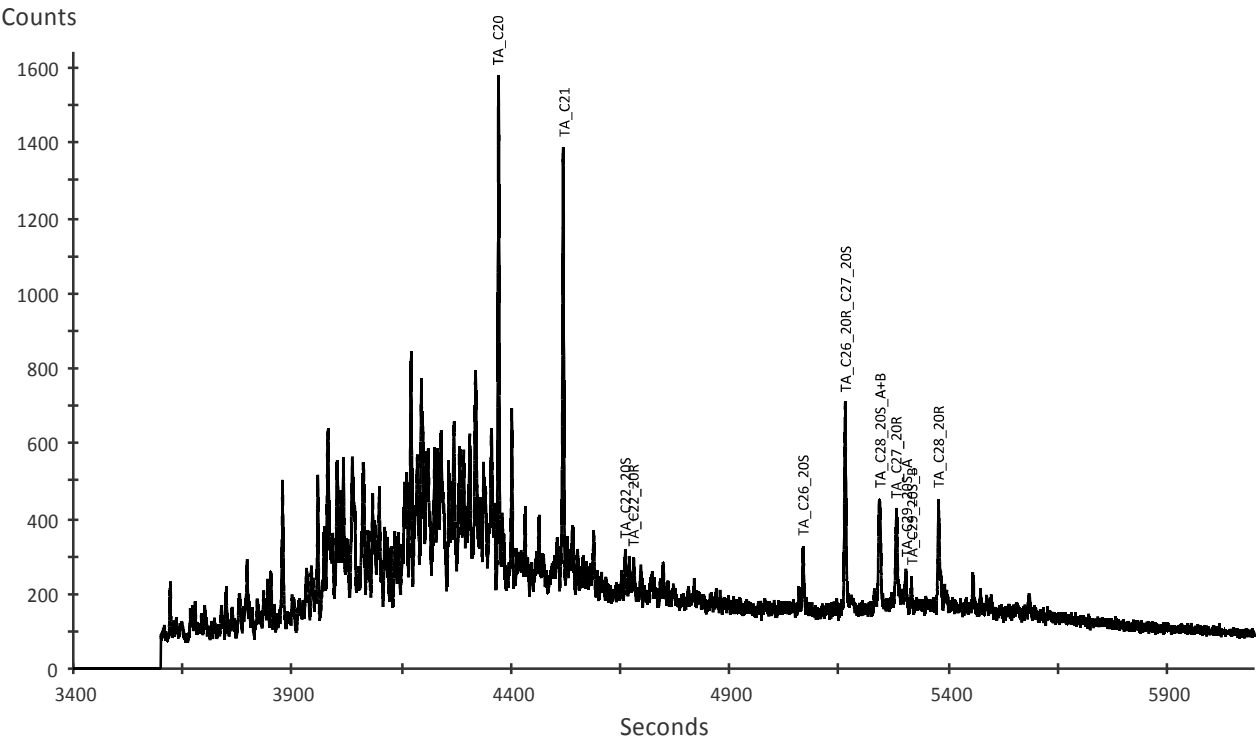
m/z	signal intensity
184.0+198.1+212.1	28,021.76



Sample	FPC_320896	Sample type	Oil	Analysis	GC-MSD in SIM mode
Depth	12366.0-12552.0ft	Fraction	Aromatic	Analysis date	12-SEP-2014

m/z	signal intensity
231.1	1,643.2

Triaromatic steroids



m/z	signal intensity
253.2	1,015.04

Monoaromatic steroids

