



GC/MS Aromatics Report

Well: 023/27-03Z

Field: Pierce

Country: United Kingdom



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GC/MS aromatics data report

FPC_60847

Sample information

Sample ID	FPC_60847	Depth (ft)	9401.0 - 9517.0
Sample type	Oil	Formation	SELE
Country	United Kingdom	Age	-
Basin	Jaeren High	Reservoir	-
Prospect	-	Sample date	-
Block	023/27	Sample origin	PRDT
Field	Pierce	Operator	SHELL
Well name	023/27-03Z	Int. std. D10-Phenanthrene (ppm)	85
Well code	FPCW_2811		
Latitude	57.145568		
Longitude	2.259878		

Peak Data Table

FPC_60847

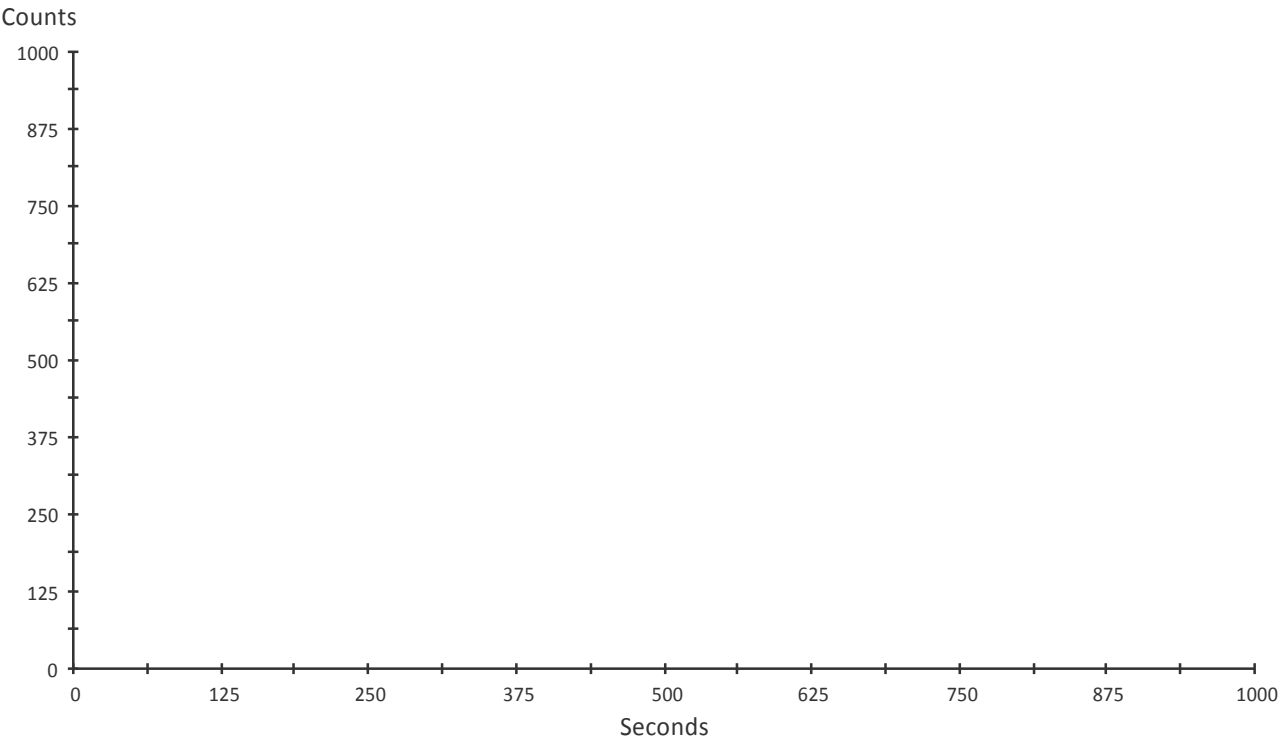
Peak name	Ion	Area
2,3,6_TMB_C15arylisprenoid	134.10	-
2,3,6_TMB_C16arylisprenoid	134.10	-
2,3,6_TMB_C17arylisprenoid	134.10	-
2,3,6_TMB_C18arylisprenoid	134.10	-
2,3,6_TMB_C19arylisprenoid	134.10	-
2,3,6_TMB_C20arylisprenoid	134.10	-
2,3,6_TMB_C21arylisprenoid	134.10	-
2,3,6_TMB_C22Barylisprenoid	134.10	-
2,3,6_TMB_C23arylisprenoid	134.10	-
2-methylnaphtalene	142.10	866984.56
1-methylnaphtalene	142.10	568929.19
2,6-dimethylnaphthalene	156.10	304934.47
2,7-dimethylnaphthalene	156.10	252211.67
1,3+1,7-dimethylnaphthalene	156.10	564198.44
1,6-dimethylnaphthalene	156.10	410038.97
1,5-dimethylnaphthalene	156.10	197592.89
2,3-dimethylnaphthalene	156.10	84873.45
1,2-dimethylnaphthalene	156.10	58455.12
1,3,7-trimethylnaphthalene	170.10	208557.98
1,3,6-trimethylnaphthalene	170.10	276881.22
1,3,5+1,4,6-trimethylnaphthalene	170.10	196246.95
2,3,6-trimethylnaphthalene	170.10	183365.45
1,2,7-trimethylnaphthalene	170.10	36582.09
1,6,7-trimethylnaphthalene	170.10	176444.23
1,2,6-trimethylnaphthalene	170.10	8636.71
1,2,4-trimethylnaphthalene	170.10	16848.62
1,2,5-trimethylnaphthalene	170.10	49993.80
Phenanthrene	178.10	363661.38
1,3,5,7-tetramethylnaphthalene	184.10	59680.66
1,3,6,7-tetramethylnaphthalene	184.10	79629.05
1,2,4,7-tetramethylnaphthalene	184.10	44115.70
1,2,5,7-tetramethylnaphthalene	184.10	23605.20
2,3,6,7-tetramethylnaphthalene	184.10	18056.64
1,2,6,7-tetramethylnaphthalene	184.10	11704.68
1,2,5,6-tetramethylnaphthalene	184.10	21390.02
Dibenzothiophene	184.10	31972.49
D10-Phenanthrene (Intern. Std.)	188.10	79074.62
3-methylphenanthrene	192.10	186940.39
2-methylphenanthrene	192.10	204443.88
9-methylphenanthrene	192.10	239598.91
1-methylphenanthrene	192.10	199280.27
Cadalene	198.00	6852.92
4-methyldibenzothiophene	198.10	64925.13
3+2-methyldibenzothiophene	198.10	26826.43
1-methyldibenzothiophene	198.10	12821.05
4,5-dimethylphenanthrene	206.20	7397.33
2,6+3,6-dimethylphenanthrene	206.20	54646.14
3,5-dimethylphenanthrene	206.20	64569.12
2,7-dimethylphenanthrene	206.20	38426.34
3,9-dimethylphenanthrene	206.20	273007.06
1,6+2,5+2,9-dimethylphenanthrene	206.20	142718.58
1,7-dimethylphenanthrene	206.20	87613.76
1,9+4,9-dimethylphenanthrene	206.20	95393.60
1,8-dimethylphenanthrene	206.20	25494.79
1,2-dimethylphenanthrene	206.20	10559.04

Peak name	Ion	Area
TA_C20	231.20	12158.31
TA_C21	231.20	9827.71
TA_C22_20S	231.20	1727.52
TA_C22_20R	231.20	1563.23
TA_C26_20S	231.20	3861.31
TA_C26_20R_C27_20S	231.20	11018.73
TA_C28_20S_A+B	231.20	7015.91
TA_C27_20R	231.20	6004.30
TA_C29_20S_A	231.20	1903.65
TA_C29_20S_B	231.20	1168.31
TA_C28_20R	231.20	5870.08
MA_C21_A	253.20	7512.15
MA_C21_B	253.20	5472.63
MA_C22_A	253.20	8046.90
MA_C22_B	253.20	5401.66
MA_C27_I_20S	253.20	2388.73
MA_C27_V_20S	253.20	4485.39
MA_C27_I_20R_C27_V_20R	253.20	4846.03
MA_C27_II_20S	253.20	3092.37
MA_C28_I_20S	253.20	7998.93
MA_C28_V_20S	253.20	2319.03
MA_C27_II_20R	253.20	3049.62
MA_C28_II_20S	253.20	4034.74
MA_C28_I_20R_C28_V_20R	253.20	6306.64
MA_C29_I_20S_C29_V_20S	253.20	6016.55
MA_C29_II_20S	253.20	3918.48
MA_C28_II_20R	253.20	4938.45
MA_C29_I_20R_C29_V_20R	253.20	5189.74

Sample	FPC_60847	Sample type	Oil	Analysis	GC-MSD in SIM mode
Depth	9401.0-9517.0ft	Fraction	Aromatic	Analysis date	25-AUG-2011

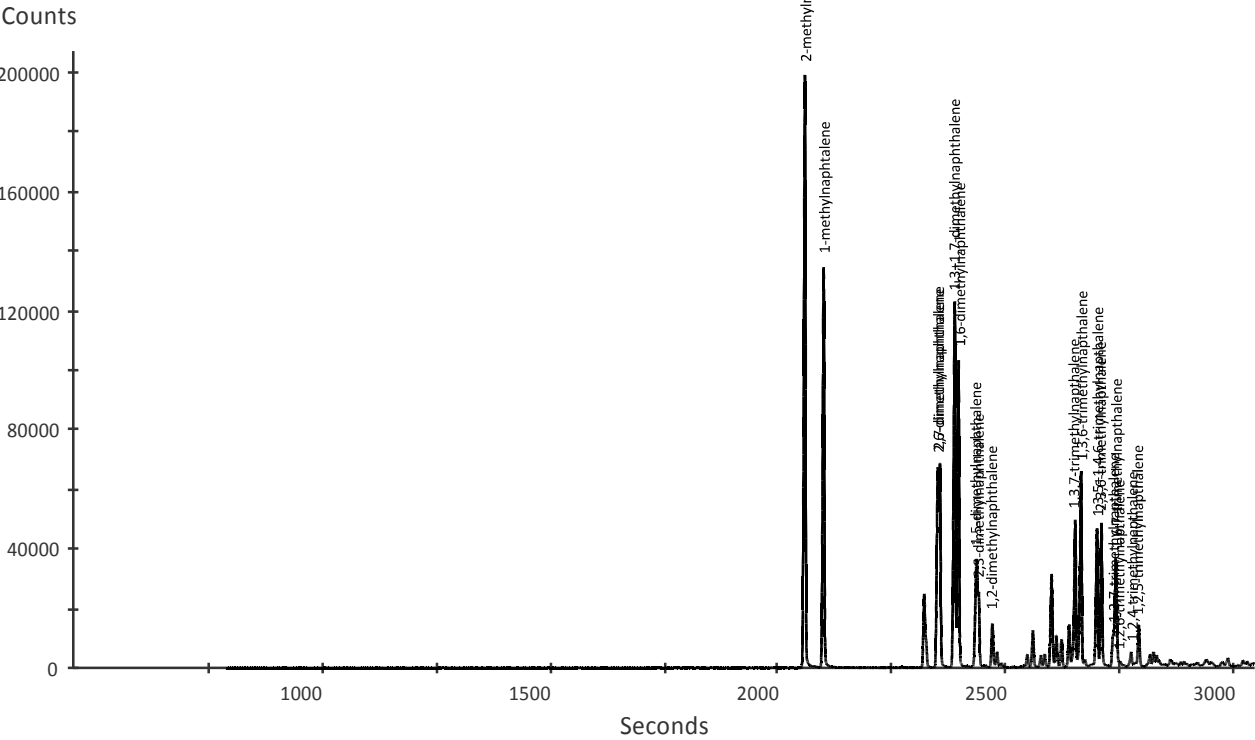
m/z	signal intensity
134.1	1,000

Alkyl-trimethylbenzenes



m/z	signal intensity
142.1+156.1+170.1	207,082.72

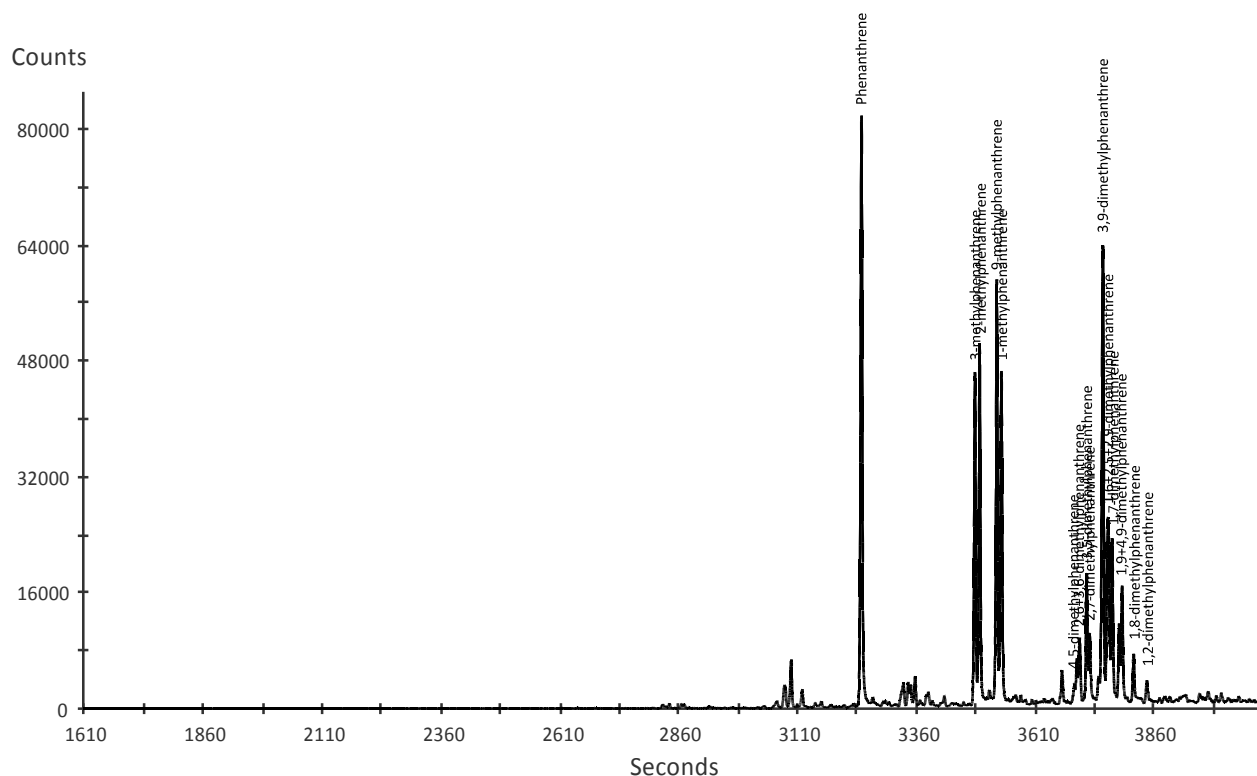
Methylnaphthalenes



Sample	FPC_60847	Sample type	Oil	Analysis	GC-MSD in SIM mode
Depth	9401.0-9517.0ft	Fraction	Aromatic	Analysis date	25-AUG-2011

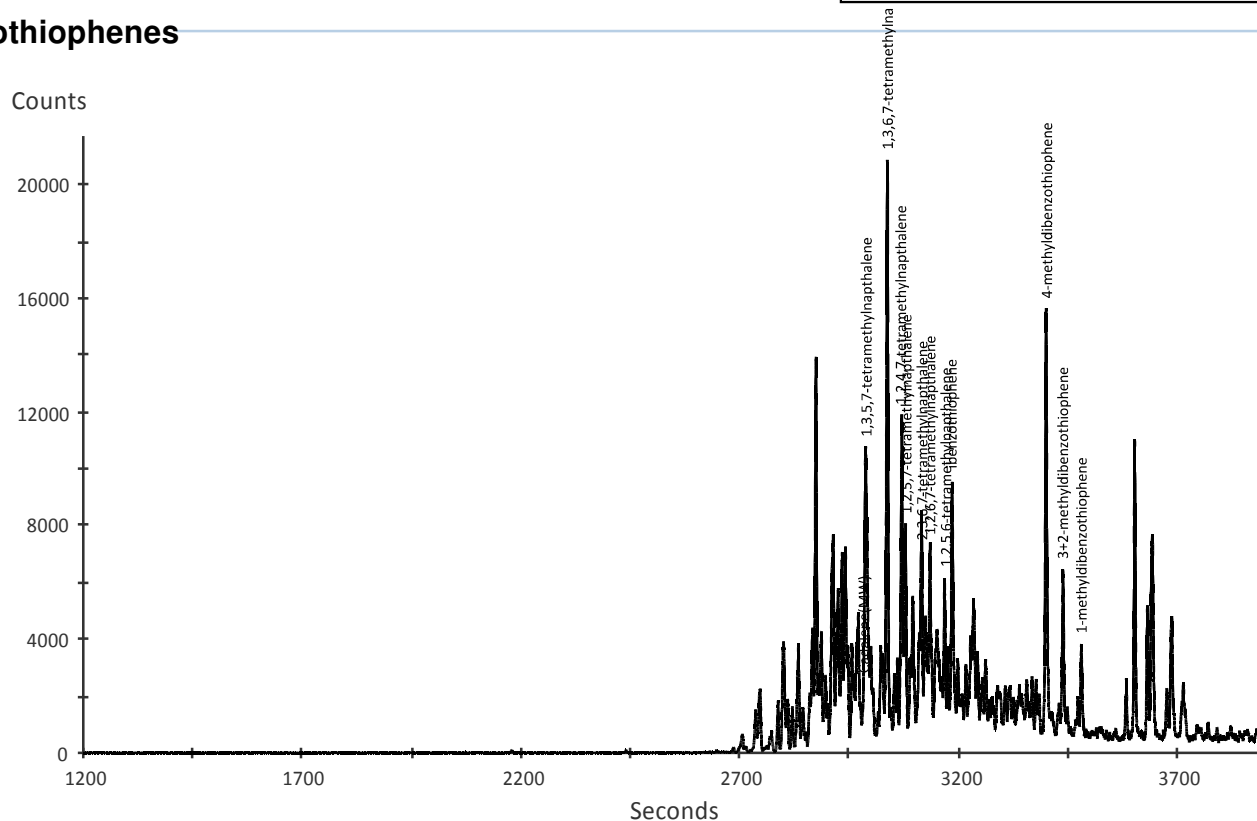
m/z	signal intensity
178 1+192 1+206 1	85 173 92

Methylphenanthrenes



m/z	signal intensity
184.0+198.1+212.1	21.696.48

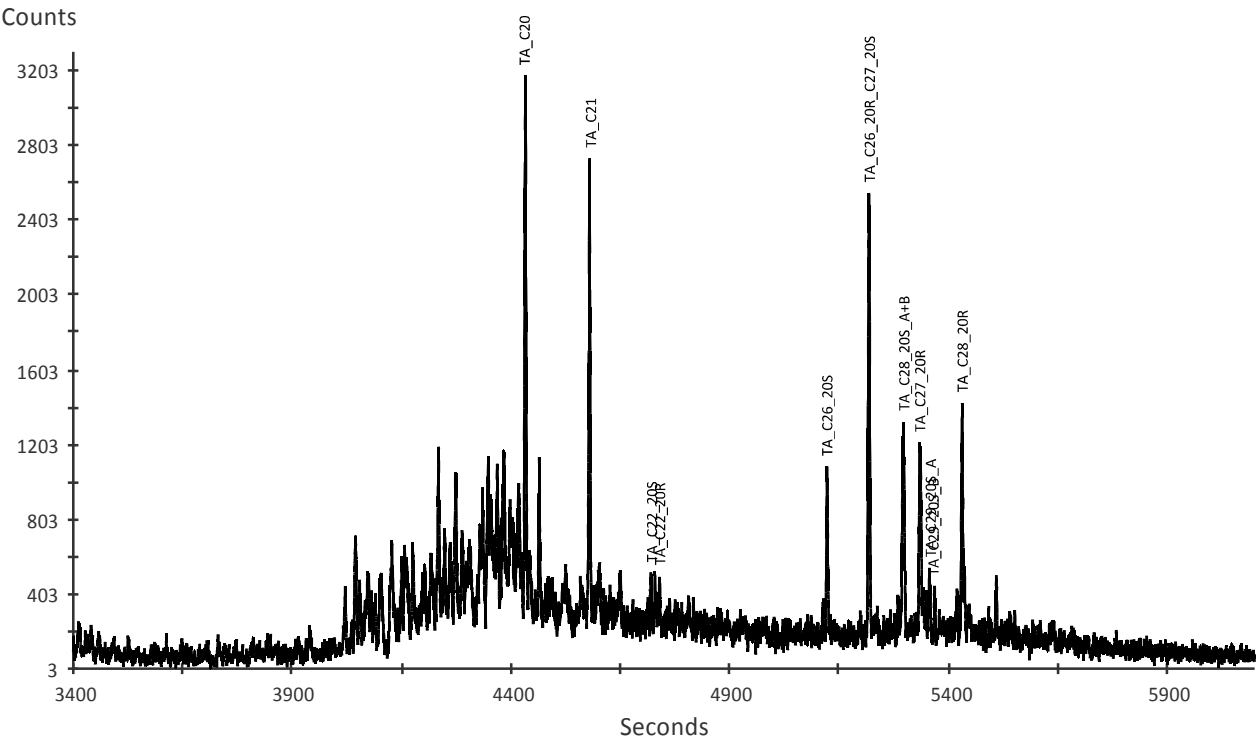
Dibenzothiophenes



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Depth	9401.0-9517.0ft	Fraction	Aromatic	Analysis date	25-AUG-2011

m/z	signal intensity
231.1	3,303.96

Triaromatic steroids



m/z	signal intensity
253.2	1,557.92

Monoaromatic steroids

