

rteres  
Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC071918AL\  
Data File : FC035514.D  
Signal(s) : FID1A.CH  
Acq On : 20 Jul 2018 8:57  
Sample : J4019-01  
Misc :  
ALS Vial : 34 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\PESTPCBSRV\HPCHEM1\FID\_C\Method\Alaphatic EPH 062518.M  
Title : GC Extractables

Signal : FID1A.CH

| peak<br># | R.T.<br>min | Start<br>min | End<br>min | PK<br>TY | peak<br>height | peak<br>area | peak<br>% max. | % of<br>total |
|-----------|-------------|--------------|------------|----------|----------------|--------------|----------------|---------------|
| 1         | 3.232       | 3.202        | 3.266      | BV       | 297            | 3701         | 0.04%          | 0.001%        |
| 2         | 3.293       | 3.282        | 3.316      | VV       | 125            | 1584         | 0.02%          | 0.001%        |
| 3         | 3.325       | 3.316        | 3.350      | PV       | 163            | 2068         | 0.02%          | 0.001%        |
| 4         | 3.362       | 3.350        | 3.374      | VV       | 186            | 2022         | 0.02%          | 0.001%        |
| 5         | 3.383       | 3.374        | 3.417      | VV       | 223            | 3866         | 0.04%          | 0.001%        |
| 6         | 3.422       | 3.417        | 3.486      | VV       | 206            | 5034         | 0.05%          | 0.002%        |
| 7         | 3.529       | 3.486        | 3.546      | VV       | 376            | 6533         | 0.07%          | 0.002%        |
| 8         | 3.557       | 3.546        | 3.582      | VV       | 243            | 3936         | 0.04%          | 0.001%        |
| 9         | 3.605       | 3.582        | 3.684      | PV       | 300            | 9452         | 0.10%          | 0.003%        |
| 10        | 3.690       | 3.684        | 3.699      | VV       | 180            | 1349         | 0.01%          | 0.000%        |
| 11        | 3.722       | 3.699        | 3.777      | VV       | 399            | 10486        | 0.11%          | 0.004%        |
| 12        | 3.783       | 3.777        | 3.869      | VV       | 301            | 11512        | 0.12%          | 0.004%        |
| 13        | 3.893       | 3.869        | 3.970      | VV       | 4598           | 68990        | 0.72%          | 0.023%        |
| 14        | 3.986       | 3.970        | 4.016      | VV       | 495            | 9862         | 0.10%          | 0.003%        |
| 15        | 4.063       | 4.016        | 4.083      | VV       | 421            | 11169        | 0.12%          | 0.004%        |
| 16        | 4.100       | 4.083        | 4.157      | VV       | 543            | 13739        | 0.14%          | 0.005%        |
| 17        | 4.171       | 4.157        | 4.227      | VV       | 292            | 8784         | 0.09%          | 0.003%        |
| 18        | 4.250       | 4.227        | 4.287      | VV       | 282            | 8274         | 0.09%          | 0.003%        |
| 19        | 4.300       | 4.287        | 4.330      | VV       | 558            | 9257         | 0.10%          | 0.003%        |
| 20        | 4.342       | 4.330        | 4.354      | VV       | 263            | 3709         | 0.04%          | 0.001%        |
| 21        | 4.368       | 4.354        | 4.396      | VV       | 288            | 5955         | 0.06%          | 0.002%        |
| 22        | 4.401       | 4.396        | 4.432      | VV       | 295            | 4417         | 0.05%          | 0.001%        |
| 23        | 4.451       | 4.432        | 4.487      | VV       | 829            | 11808        | 0.12%          | 0.004%        |
| 24        | 4.500       | 4.487        | 4.544      | VV       | 569            | 10213        | 0.11%          | 0.003%        |
| 25        | 4.556       | 4.544        | 4.571      | VV       | 226            | 2616         | 0.03%          | 0.001%        |
| 26        | 4.587       | 4.571        | 4.623      | VV       | 570            | 8116         | 0.09%          | 0.003%        |
| 27        | 4.652       | 4.623        | 4.671      | PV       | 262            | 5613         | 0.06%          | 0.002%        |
| 28        | 4.683       | 4.671        | 4.711      | VV       | 539            | 7334         | 0.08%          | 0.002%        |
| 29        | 4.735       | 4.711        | 4.767      | VV       | 262            | 4716         | 0.05%          | 0.002%        |
| 30        | 4.779       | 4.767        | 4.832      | VV       | 259            | 4741         | 0.05%          | 0.002%        |
| 31        | 4.854       | 4.832        | 4.868      | VV       | 355            | 4347         | 0.05%          | 0.001%        |
| 32        | 4.884       | 4.868        | 4.916      | VV       | 617            | 10959        | 0.11%          | 0.004%        |
| 33        | 4.933       | 4.916        | 4.959      | VV       | 1840           | 19458        | 0.20%          | 0.007%        |
| 34        | 4.990       | 4.959        | 5.020      | VV       | 1131           | 15247        | 0.16%          | 0.005%        |
| 35        | 5.049       | 5.020        | 5.072      | VV       | 225            | 4062         | 0.04%          | 0.001%        |
| 36        | 5.125       | 5.072        | 5.142      | VV       | 539            | 10480        | 0.11%          | 0.004%        |

|    |       |       |       |    | rteres |         |        |        |
|----|-------|-------|-------|----|--------|---------|--------|--------|
| 37 | 5.158 | 5.142 | 5.210 | VV | 651    | 11845   | 0.12%  | 0.004% |
| 38 | 5.229 | 5.210 | 5.254 | VV | 277    | 5263    | 0.06%  | 0.002% |
| 39 | 5.280 | 5.254 | 5.289 | VV | 315    | 3156    | 0.03%  | 0.001% |
| 40 | 5.303 | 5.289 | 5.320 | VV | 246    | 3595    | 0.04%  | 0.001% |
|    |       |       |       |    |        |         |        |        |
| 41 | 5.340 | 5.320 | 5.351 | VV | 458    | 6066    | 0.06%  | 0.002% |
| 42 | 5.378 | 5.351 | 5.406 | VV | 1249   | 16934   | 0.18%  | 0.006% |
| 43 | 5.436 | 5.406 | 5.489 | VV | 597    | 12824   | 0.13%  | 0.004% |
| 44 | 5.516 | 5.489 | 5.539 | VV | 331    | 6443    | 0.07%  | 0.002% |
| 45 | 5.550 | 5.539 | 5.570 | VV | 204    | 1838    | 0.02%  | 0.001% |
|    |       |       |       |    |        |         |        |        |
| 46 | 5.617 | 5.570 | 5.637 | VV | 222    | 5233    | 0.05%  | 0.002% |
| 47 | 5.642 | 5.637 | 5.670 | VV | 223    | 2265    | 0.02%  | 0.001% |
| 48 | 5.687 | 5.670 | 5.722 | VV | 179    | 4245    | 0.04%  | 0.001% |
| 49 | 5.730 | 5.722 | 5.772 | PV | 162    | 3080    | 0.03%  | 0.001% |
| 50 | 5.785 | 5.772 | 5.812 | VV | 235    | 2744    | 0.03%  | 0.001% |
|    |       |       |       |    |        |         |        |        |
| 51 | 5.834 | 5.812 | 5.857 | PV | 206    | 2119    | 0.02%  | 0.001% |
| 52 | 5.880 | 5.857 | 5.919 | PV | 913    | 13172   | 0.14%  | 0.004% |
| 53 | 6.041 | 5.919 | 6.064 | VV | 1872   | 64303   | 0.67%  | 0.022% |
| 54 | 6.172 | 6.064 | 6.192 | VV | 3520   | 184743  | 1.94%  | 0.063% |
| 55 | 6.319 | 6.192 | 6.369 | VV | 3969   | 375096  | 3.93%  | 0.127% |
|    |       |       |       |    |        |         |        |        |
| 56 | 6.401 | 6.369 | 6.412 | VV | 3729   | 94102   | 0.99%  | 0.032% |
| 57 | 6.429 | 6.412 | 6.438 | VV | 3775   | 57421   | 0.60%  | 0.019% |
| 58 | 6.464 | 6.438 | 6.489 | VV | 3827   | 113001  | 1.18%  | 0.038% |
| 59 | 6.506 | 6.489 | 6.529 | VV | 3737   | 86802   | 0.91%  | 0.029% |
| 60 | 6.533 | 6.529 | 6.556 | VV | 3651   | 57374   | 0.60%  | 0.019% |
|    |       |       |       |    |        |         |        |        |
| 61 | 6.586 | 6.556 | 6.611 | VV | 3720   | 118121  | 1.24%  | 0.040% |
| 62 | 6.636 | 6.611 | 6.652 | VV | 3637   | 88715   | 0.93%  | 0.030% |
| 63 | 6.710 | 6.652 | 6.734 | VV | 3617   | 172613  | 1.81%  | 0.059% |
| 64 | 6.751 | 6.734 | 6.764 | VV | 3506   | 62603   | 0.66%  | 0.021% |
| 65 | 6.774 | 6.764 | 6.797 | VV | 3457   | 67436   | 0.71%  | 0.023% |
|    |       |       |       |    |        |         |        |        |
| 66 | 6.834 | 6.797 | 6.894 | VV | 3489   | 194662  | 2.04%  | 0.066% |
| 67 | 6.935 | 6.894 | 6.962 | VV | 3543   | 135806  | 1.42%  | 0.046% |
| 68 | 6.970 | 6.962 | 7.001 | VV | 3380   | 75178   | 0.79%  | 0.025% |
| 69 | 7.015 | 7.001 | 7.057 | VV | 3381   | 108872  | 1.14%  | 0.037% |
| 70 | 7.106 | 7.057 | 7.126 | VV | 3503   | 133367  | 1.40%  | 0.045% |
|    |       |       |       |    |        |         |        |        |
| 71 | 7.146 | 7.126 | 7.157 | VV | 3209   | 58064   | 0.61%  | 0.020% |
| 72 | 7.178 | 7.157 | 7.189 | VV | 3175   | 59000   | 0.62%  | 0.020% |
| 73 | 7.238 | 7.189 | 7.283 | VV | 3473   | 173948  | 1.82%  | 0.059% |
| 74 | 7.295 | 7.283 | 7.339 | VV | 3041   | 95873   | 1.00%  | 0.032% |
| 75 | 7.366 | 7.339 | 7.389 | VV | 2765   | 82367   | 0.86%  | 0.028% |
|    |       |       |       |    |        |         |        |        |
| 76 | 7.407 | 7.389 | 7.437 | VV | 2820   | 77734   | 0.81%  | 0.026% |
| 77 | 7.462 | 7.437 | 7.489 | VV | 2693   | 81534   | 0.85%  | 0.028% |
| 78 | 7.497 | 7.489 | 7.508 | VV | 2825   | 31690   | 0.33%  | 0.011% |
| 79 | 7.543 | 7.508 | 7.622 | VV | 600570 | 6127763 | 64.23% | 2.077% |
| 80 | 7.644 | 7.622 | 7.739 | VV | 4543   | 254192  | 2.66%  | 0.086% |
|    |       |       |       |    |        |         |        |        |
| 81 | 7.757 | 7.739 | 7.776 | VV | 2925   | 62723   | 0.66%  | 0.021% |
| 82 | 7.799 | 7.776 | 7.824 | VV | 2740   | 77132   | 0.81%  | 0.026% |
| 83 | 7.838 | 7.824 | 7.847 | VV | 2640   | 36323   | 0.38%  | 0.012% |
| 84 | 7.858 | 7.847 | 7.892 | VV | 2680   | 69392   | 0.73%  | 0.024% |
| 85 | 7.926 | 7.892 | 7.956 | VV | 2621   | 94469   | 0.99%  | 0.032% |
|    |       |       |       |    |        |         |        |        |
| 86 | 7.999 | 7.956 | 8.027 | VV | 3033   | 116992  | 1.23%  | 0.040% |
| 87 | 8.071 | 8.027 | 8.091 | VV | 3040   | 108401  | 1.14%  | 0.037% |
| 88 | 8.104 | 8.091 | 8.131 | VV | 3585   | 70107   | 0.73%  | 0.024% |
| 89 | 8.160 | 8.131 | 8.307 | VV | 21643  | 423664  | 4.44%  | 0.144% |

|     |        |        |        |    |        |         |        |        |
|-----|--------|--------|--------|----|--------|---------|--------|--------|
|     |        |        |        |    | rteres |         |        |        |
| 90  | 8.326  | 8.307  | 8.334  | VV | 1927   | 29824   | 0.31%  | 0.010% |
| 91  | 8.342  | 8.334  | 8.366  | VV | 1814   | 33351   | 0.35%  | 0.011% |
| 92  | 8.404  | 8.366  | 8.540  | VV | 379311 | 4308620 | 45.16% | 1.461% |
| 93  | 8.555  | 8.540  | 8.574  | VV | 2668   | 51775   | 0.54%  | 0.018% |
| 94  | 8.608  | 8.574  | 8.627  | VV | 2836   | 83509   | 0.88%  | 0.028% |
| 95  | 8.637  | 8.627  | 8.679  | VV | 2574   | 66378   | 0.70%  | 0.023% |
| 96  | 8.691  | 8.679  | 8.699  | VV | 2047   | 24391   | 0.26%  | 0.008% |
| 97  | 8.718  | 8.699  | 8.752  | VV | 2609   | 66151   | 0.69%  | 0.022% |
| 98  | 8.820  | 8.752  | 8.869  | VV | 2853   | 148437  | 1.56%  | 0.050% |
| 99  | 8.922  | 8.869  | 8.992  | VV | 2925   | 133659  | 1.40%  | 0.045% |
| 100 | 9.007  | 8.992  | 9.037  | VV | 1400   | 33304   | 0.35%  | 0.011% |
| 101 | 9.108  | 9.037  | 9.142  | VV | 2596   | 96326   | 1.01%  | 0.033% |
| 102 | 9.149  | 9.142  | 9.157  | VV | 1135   | 9882    | 0.10%  | 0.003% |
| 103 | 9.174  | 9.157  | 9.183  | VV | 1088   | 15695   | 0.16%  | 0.005% |
| 104 | 9.216  | 9.183  | 9.231  | VV | 1082   | 29014   | 0.30%  | 0.010% |
| 105 | 9.248  | 9.231  | 9.268  | VV | 1109   | 23193   | 0.24%  | 0.008% |
| 106 | 9.299  | 9.268  | 9.324  | VV | 1587   | 42638   | 0.45%  | 0.014% |
| 107 | 9.340  | 9.324  | 9.373  | VV | 1254   | 32606   | 0.34%  | 0.011% |
| 108 | 9.384  | 9.373  | 9.399  | VV | 1128   | 15681   | 0.16%  | 0.005% |
| 109 | 9.427  | 9.399  | 9.442  | VV | 1078   | 24409   | 0.26%  | 0.008% |
| 110 | 9.478  | 9.442  | 9.504  | VV | 988    | 31326   | 0.33%  | 0.011% |
| 111 | 9.527  | 9.504  | 9.546  | VV | 1047   | 20313   | 0.21%  | 0.007% |
| 112 | 9.569  | 9.546  | 9.588  | VV | 779    | 18019   | 0.19%  | 0.006% |
| 113 | 9.627  | 9.588  | 9.667  | VV | 1233   | 43482   | 0.46%  | 0.015% |
| 114 | 9.697  | 9.667  | 9.744  | VV | 3307   | 63148   | 0.66%  | 0.021% |
| 115 | 9.761  | 9.744  | 9.774  | VV | 769    | 11636   | 0.12%  | 0.004% |
| 116 | 9.795  | 9.774  | 9.821  | VV | 814    | 17992   | 0.19%  | 0.006% |
| 117 | 9.834  | 9.821  | 9.848  | VV | 503    | 7138    | 0.07%  | 0.002% |
| 118 | 9.862  | 9.848  | 9.879  | VV | 488    | 7574    | 0.08%  | 0.003% |
| 119 | 9.890  | 9.879  | 9.902  | VV | 487    | 5464    | 0.06%  | 0.002% |
| 120 | 9.956  | 9.902  | 9.982  | VV | 515    | 18497   | 0.19%  | 0.006% |
| 121 | 10.045 | 9.982  | 10.061 | VV | 653    | 20584   | 0.22%  | 0.007% |
| 122 | 10.084 | 10.061 | 10.104 | VV | 1524   | 25561   | 0.27%  | 0.009% |
| 123 | 10.127 | 10.104 | 10.163 | VV | 861    | 25875   | 0.27%  | 0.009% |
| 124 | 10.174 | 10.163 | 10.209 | VV | 845    | 18570   | 0.19%  | 0.006% |
| 125 | 10.228 | 10.209 | 10.250 | VV | 790    | 14368   | 0.15%  | 0.005% |
| 126 | 10.273 | 10.250 | 10.292 | VV | 568    | 11619   | 0.12%  | 0.004% |
| 127 | 10.336 | 10.292 | 10.349 | VV | 1089   | 25462   | 0.27%  | 0.009% |
| 128 | 10.359 | 10.349 | 10.376 | VV | 1206   | 16717   | 0.18%  | 0.006% |
| 129 | 10.434 | 10.376 | 10.466 | VV | 3909   | 83426   | 0.87%  | 0.028% |
| 130 | 10.506 | 10.466 | 10.546 | VV | 1547   | 40082   | 0.42%  | 0.014% |
| 131 | 10.555 | 10.546 | 10.584 | VV | 558    | 10307   | 0.11%  | 0.003% |
| 132 | 10.593 | 10.584 | 10.601 | VV | 304    | 2579    | 0.03%  | 0.001% |
| 133 | 10.620 | 10.601 | 10.631 | VV | 400    | 4914    | 0.05%  | 0.002% |
| 134 | 10.654 | 10.631 | 10.719 | VV | 838    | 26518   | 0.28%  | 0.009% |
| 135 | 10.746 | 10.719 | 10.787 | VV | 1096   | 27874   | 0.29%  | 0.009% |
| 136 | 10.807 | 10.787 | 10.842 | VV | 820    | 19432   | 0.20%  | 0.007% |
| 137 | 10.850 | 10.842 | 10.872 | VV | 503    | 6647    | 0.07%  | 0.002% |
| 138 | 10.889 | 10.872 | 10.923 | VV | 467    | 9800    | 0.10%  | 0.003% |
| 139 | 10.940 | 10.923 | 10.971 | VV | 355    | 5163    | 0.05%  | 0.002% |
| 140 | 10.994 | 10.971 | 11.007 | VV | 349    | 4397    | 0.05%  | 0.001% |
| 141 | 11.018 | 11.007 | 11.034 | VV | 231    | 2123    | 0.02%  | 0.001% |

| rteres |        |        |        |    |        |         |        |        |
|--------|--------|--------|--------|----|--------|---------|--------|--------|
| 142    | 11.066 | 11.034 | 11.088 | VV | 1075   | 15656   | 0.16%  | 0.005% |
| 143    | 11.135 | 11.088 | 11.181 | VV | 4207   | 65793   | 0.69%  | 0.022% |
| 144    | 11.225 | 11.181 | 11.264 | VV | 1283   | 25004   | 0.26%  | 0.008% |
| 145    | 11.289 | 11.264 | 11.299 | PV | 254    | 2939    | 0.03%  | 0.001% |
| 146    | 11.323 | 11.299 | 11.347 | PV | 596    | 8274    | 0.09%  | 0.003% |
| 147    | 11.368 | 11.347 | 11.386 | VV | 228    | 3650    | 0.04%  | 0.001% |
| 148    | 11.444 | 11.386 | 11.502 | VV | 333507 | 3782789 | 39.65% | 1.282% |
| 149    | 11.514 | 11.502 | 11.559 | VV | 712    | 18006   | 0.19%  | 0.006% |
| 150    | 11.586 | 11.559 | 11.599 | VV | 883    | 15279   | 0.16%  | 0.005% |
| 151    | 11.620 | 11.599 | 11.651 | VV | 918    | 16815   | 0.18%  | 0.006% |
| 152    | 11.658 | 11.651 | 11.686 | VV | 326    | 5465    | 0.06%  | 0.002% |
| 153    | 11.689 | 11.686 | 11.704 | VV | 347    | 2349    | 0.02%  | 0.001% |
| 154    | 11.737 | 11.713 | 11.754 | PV | 799    | 10164   | 0.11%  | 0.003% |
| 155    | 11.802 | 11.754 | 11.831 | VV | 3917   | 64491   | 0.68%  | 0.022% |
| 156    | 11.846 | 11.831 | 11.865 | VV | 1028   | 14668   | 0.15%  | 0.005% |
| 157    | 11.885 | 11.865 | 11.906 | VV | 449    | 9039    | 0.09%  | 0.003% |
| 158    | 11.929 | 11.906 | 11.960 | VV | 440    | 9858    | 0.10%  | 0.003% |
| 159    | 11.969 | 11.960 | 11.987 | VV | 267    | 3242    | 0.03%  | 0.001% |
| 160    | 12.011 | 11.987 | 12.026 | PV | 504    | 8697    | 0.09%  | 0.003% |
| 161    | 12.045 | 12.026 | 12.091 | VV | 2840   | 49201   | 0.52%  | 0.017% |
| 162    | 12.105 | 12.091 | 12.127 | VV | 551    | 10465   | 0.11%  | 0.004% |
| 163    | 12.152 | 12.127 | 12.169 | VV | 911    | 14660   | 0.15%  | 0.005% |
| 164    | 12.185 | 12.169 | 12.197 | VV | 709    | 8409    | 0.09%  | 0.003% |
| 165    | 12.215 | 12.197 | 12.233 | VV | 640    | 10669   | 0.11%  | 0.004% |
| 166    | 12.267 | 12.233 | 12.293 | VV | 715    | 16158   | 0.17%  | 0.005% |
| 167    | 12.340 | 12.293 | 12.351 | VV | 367    | 10400   | 0.11%  | 0.004% |
| 168    | 12.375 | 12.351 | 12.394 | VV | 1113   | 17539   | 0.18%  | 0.006% |
| 169    | 12.402 | 12.394 | 12.414 | VV | 558    | 6597    | 0.07%  | 0.002% |
| 170    | 12.439 | 12.414 | 12.462 | VV | 3721   | 48060   | 0.50%  | 0.016% |
| 171    | 12.485 | 12.462 | 12.517 | VV | 2151   | 33568   | 0.35%  | 0.011% |
| 172    | 12.533 | 12.517 | 12.579 | VV | 580    | 15096   | 0.16%  | 0.005% |
| 173    | 12.592 | 12.579 | 12.606 | VV | 336    | 3619    | 0.04%  | 0.001% |
| 174    | 12.614 | 12.606 | 12.627 | VV | 320    | 2718    | 0.03%  | 0.001% |
| 175    | 12.643 | 12.627 | 12.653 | VV | 242    | 2230    | 0.02%  | 0.001% |
| 176    | 12.693 | 12.653 | 12.707 | PV | 455    | 9238    | 0.10%  | 0.003% |
| 177    | 12.730 | 12.707 | 12.750 | VV | 633    | 10452   | 0.11%  | 0.004% |
| 178    | 12.781 | 12.750 | 12.844 | PV | 2957   | 51098   | 0.54%  | 0.017% |
| 179    | 12.884 | 12.844 | 12.949 | VV | 207894 | 2628469 | 27.55% | 0.891% |
| 180    | 12.973 | 12.949 | 13.024 | VV | 986    | 29402   | 0.31%  | 0.010% |
| 181    | 13.052 | 13.024 | 13.084 | VV | 3015   | 54051   | 0.57%  | 0.018% |
| 182    | 13.094 | 13.084 | 13.136 | VV | 965    | 23430   | 0.25%  | 0.008% |
| 183    | 13.178 | 13.136 | 13.187 | VV | 465    | 11867   | 0.12%  | 0.004% |
| 184    | 13.204 | 13.187 | 13.226 | VV | 584    | 7889    | 0.08%  | 0.003% |
| 185    | 13.243 | 13.226 | 13.256 | PV | 509    | 6032    | 0.06%  | 0.002% |
| 186    | 13.281 | 13.256 | 13.291 | VV | 685    | 10352   | 0.11%  | 0.004% |
| 187    | 13.312 | 13.291 | 13.337 | VV | 891    | 16878   | 0.18%  | 0.006% |
| 188    | 13.361 | 13.337 | 13.392 | VV | 608    | 11783   | 0.12%  | 0.004% |
| 189    | 13.456 | 13.392 | 13.473 | VV | 2162   | 34588   | 0.36%  | 0.012% |
| 190    | 13.500 | 13.473 | 13.521 | VV | 732    | 18426   | 0.19%  | 0.006% |
| 191    | 13.547 | 13.521 | 13.561 | VV | 801    | 13240   | 0.14%  | 0.004% |
| 192    | 13.583 | 13.561 | 13.611 | VV | 1440   | 26408   | 0.28%  | 0.009% |
| 193    | 13.637 | 13.611 | 13.669 | VV | 4675   | 83381   | 0.87%  | 0.028% |
| 194    | 13.682 | 13.669 | 13.706 | VV | 901    | 11587   | 0.12%  | 0.004% |

|     |        |        |        |    |        |        |       |        |
|-----|--------|--------|--------|----|--------|--------|-------|--------|
|     |        |        |        |    | rteres |        |       |        |
| 195 | 13.739 | 13.706 | 13.766 | VV | 702    | 12972  | 0.14% | 0.004% |
| 196 | 13.773 | 13.766 | 13.778 | VV | 456    | 2318   | 0.02% | 0.001% |
| 197 | 13.789 | 13.778 | 13.811 | VV | 472    | 6156   | 0.06% | 0.002% |
| 198 | 13.832 | 13.811 | 13.847 | PV | 691    | 10550  | 0.11% | 0.004% |
| 199 | 13.874 | 13.847 | 13.910 | VV | 762    | 15055  | 0.16% | 0.005% |
| 200 | 13.936 | 13.910 | 13.944 | VV | 489    | 6122   | 0.06% | 0.002% |
| 201 | 13.992 | 13.944 | 14.004 | VV | 955    | 15582  | 0.16% | 0.005% |
| 202 | 14.069 | 14.004 | 14.084 | VV | 1855   | 53100  | 0.56% | 0.018% |
| 203 | 14.102 | 14.084 | 14.119 | VV | 1638   | 27834  | 0.29% | 0.009% |
| 204 | 14.134 | 14.119 | 14.176 | VV | 2046   | 35788  | 0.38% | 0.012% |
| 205 | 14.197 | 14.176 | 14.221 | PV | 3462   | 53239  | 0.56% | 0.018% |
| 206 | 14.249 | 14.221 | 14.279 | VV | 6702   | 112679 | 1.18% | 0.038% |
| 207 | 14.297 | 14.279 | 14.322 | VV | 1393   | 26496  | 0.28% | 0.009% |
| 208 | 14.347 | 14.322 | 14.364 | VV | 1409   | 16706  | 0.18% | 0.006% |
| 209 | 14.377 | 14.364 | 14.385 | VV | 232    | 2692   | 0.03% | 0.001% |
| 210 | 14.476 | 14.385 | 14.494 | VV | 1299   | 49845  | 0.52% | 0.017% |
| 211 | 14.510 | 14.494 | 14.527 | VV | 677    | 8893   | 0.09% | 0.003% |
| 212 | 14.540 | 14.527 | 14.550 | PV | 567    | 6914   | 0.07% | 0.002% |
| 213 | 14.574 | 14.550 | 14.594 | VV | 2238   | 33913  | 0.36% | 0.011% |
| 214 | 14.630 | 14.594 | 14.644 | VV | 1671   | 35543  | 0.37% | 0.012% |
| 215 | 14.652 | 14.644 | 14.672 | VV | 1922   | 23605  | 0.25% | 0.008% |
| 216 | 14.693 | 14.672 | 14.712 | VV | 3111   | 47875  | 0.50% | 0.016% |
| 217 | 14.735 | 14.712 | 14.756 | VV | 3815   | 56746  | 0.59% | 0.019% |
| 218 | 14.786 | 14.756 | 14.821 | VV | 2834   | 77447  | 0.81% | 0.026% |
| 219 | 14.851 | 14.821 | 14.874 | VV | 1865   | 45653  | 0.48% | 0.015% |
| 220 | 14.897 | 14.874 | 14.913 | VV | 1892   | 30927  | 0.32% | 0.010% |
| 221 | 14.966 | 14.913 | 14.987 | VV | 1831   | 52454  | 0.55% | 0.018% |
| 222 | 14.994 | 14.987 | 15.001 | VV | 1500   | 10125  | 0.11% | 0.003% |
| 223 | 15.045 | 15.001 | 15.055 | VV | 1951   | 48490  | 0.51% | 0.016% |
| 224 | 15.139 | 15.055 | 15.226 | VV | 15785  | 683479 | 7.16% | 0.232% |
| 225 | 15.253 | 15.226 | 15.283 | VV | 5513   | 139549 | 1.46% | 0.047% |
| 226 | 15.317 | 15.283 | 15.354 | VV | 8336   | 196394 | 2.06% | 0.067% |
| 227 | 15.376 | 15.354 | 15.407 | VV | 3345   | 80094  | 0.84% | 0.027% |
| 228 | 15.499 | 15.407 | 15.521 | VV | 3833   | 190695 | 2.00% | 0.065% |
| 229 | 15.561 | 15.521 | 15.569 | VV | 3174   | 81057  | 0.85% | 0.027% |
| 230 | 15.579 | 15.569 | 15.589 | VV | 3120   | 36850  | 0.39% | 0.012% |
| 231 | 15.657 | 15.589 | 15.679 | VV | 5097   | 194646 | 2.04% | 0.066% |
| 232 | 15.699 | 15.679 | 15.725 | VV | 4401   | 117311 | 1.23% | 0.040% |
| 233 | 15.755 | 15.725 | 15.782 | VV | 8545   | 207012 | 2.17% | 0.070% |
| 234 | 15.816 | 15.782 | 15.829 | VV | 5561   | 134611 | 1.41% | 0.046% |
| 235 | 15.846 | 15.829 | 15.884 | VV | 4782   | 148990 | 1.56% | 0.051% |
| 236 | 15.944 | 15.884 | 15.974 | VV | 7768   | 331733 | 3.48% | 0.112% |
| 237 | 16.026 | 15.974 | 16.046 | VV | 8898   | 321907 | 3.37% | 0.109% |
| 238 | 16.136 | 16.046 | 16.156 | VV | 11241  | 604845 | 6.34% | 0.205% |
| 239 | 16.210 | 16.156 | 16.226 | VV | 14991  | 516645 | 5.42% | 0.175% |
| 240 | 16.240 | 16.226 | 16.266 | VV | 16597  | 324752 | 3.40% | 0.110% |
| 241 | 16.271 | 16.266 | 16.277 | VV | 10996  | 74401  | 0.78% | 0.025% |
| 242 | 16.307 | 16.277 | 16.319 | VV | 14668  | 321709 | 3.37% | 0.109% |
| 243 | 16.337 | 16.319 | 16.351 | VV | 14272  | 257779 | 2.70% | 0.087% |
| 244 | 16.360 | 16.351 | 16.370 | VV | 13824  | 156371 | 1.64% | 0.053% |
| 245 | 16.389 | 16.370 | 16.409 | VV | 14501  | 307607 | 3.22% | 0.104% |
| 246 | 16.436 | 16.409 | 16.469 | VV | 14443  | 480123 | 5.03% | 0.163% |

| rteres |        |        |        |    |       |         |         |        |
|--------|--------|--------|--------|----|-------|---------|---------|--------|
| 247    | 16.483 | 16.469 | 16.498 | VV | 14428 | 243633  | 2.55%   | 0.083% |
| 248    | 16.525 | 16.498 | 16.539 | VV | 16948 | 372625  | 3.91%   | 0.126% |
| 249    | 16.555 | 16.539 | 16.567 | VV | 15953 | 256537  | 2.69%   | 0.087% |
| 250    | 16.587 | 16.567 | 16.622 | VV | 16964 | 511441  | 5.36%   | 0.173% |
|        |        |        |        |    |       |         |         |        |
| 251    | 16.707 | 16.622 | 16.732 | VV | 25947 | 1291026 | 13.53%  | 0.438% |
| 252    | 16.749 | 16.732 | 16.764 | VV | 23714 | 418198  | 4.38%   | 0.142% |
| 253    | 16.778 | 16.764 | 16.804 | VV | 20253 | 481334  | 5.05%   | 0.163% |
| 254    | 16.836 | 16.804 | 16.847 | VV | 20414 | 506355  | 5.31%   | 0.172% |
| 255    | 16.874 | 16.847 | 16.884 | VV | 23267 | 467178  | 4.90%   | 0.158% |
|        |        |        |        |    |       |         |         |        |
| 256    | 16.942 | 16.884 | 16.964 | VV | 25822 | 1130422 | 11.85%  | 0.383% |
| 257    | 17.007 | 16.964 | 17.031 | VV | 26752 | 986402  | 10.34%  | 0.334% |
| 258    | 17.044 | 17.031 | 17.058 | VV | 25897 | 418654  | 4.39%   | 0.142% |
| 259    | 17.098 | 17.058 | 17.117 | VV | 29820 | 972481  | 10.19%  | 0.330% |
| 260    | 17.151 | 17.117 | 17.196 | VV | 32244 | 1359677 | 14.25%  | 0.461% |
|        |        |        |        |    |       |         |         |        |
| 261    | 17.251 | 17.196 | 17.287 | VV | 33719 | 1636337 | 17.15%  | 0.555% |
| 262    | 17.316 | 17.287 | 17.339 | VV | 33193 | 959213  | 10.05%  | 0.325% |
| 263    | 17.344 | 17.339 | 17.366 | VV | 30755 | 482982  | 5.06%   | 0.164% |
| 264    | 17.379 | 17.366 | 17.387 | VV | 32255 | 386871  | 4.06%   | 0.131% |
| 265    | 17.408 | 17.387 | 17.419 | VV | 33080 | 615177  | 6.45%   | 0.209% |
|        |        |        |        |    |       |         |         |        |
| 266    | 17.428 | 17.419 | 17.446 | VV | 34138 | 517080  | 5.42%   | 0.175% |
| 267    | 17.489 | 17.446 | 17.515 | VV | 37451 | 1439981 | 15.09%  | 0.488% |
| 268    | 17.587 | 17.515 | 17.611 | VV | 47911 | 2300912 | 24.12%  | 0.780% |
| 269    | 17.623 | 17.611 | 17.641 | VV | 39794 | 686904  | 7.20%   | 0.233% |
| 270    | 17.718 | 17.641 | 17.794 | VV | 50284 | 3943642 | 41.34%  | 1.337% |
|        |        |        |        |    |       |         |         |        |
| 271    | 17.803 | 17.794 | 17.811 | VV | 43533 | 437097  | 4.58%   | 0.148% |
| 272    | 17.820 | 17.811 | 17.847 | VV | 43977 | 943739  | 9.89%   | 0.320% |
| 273    | 17.866 | 17.847 | 17.876 | VV | 45282 | 743089  | 7.79%   | 0.252% |
| 274    | 17.903 | 17.876 | 17.919 | VV | 48587 | 1189591 | 12.47%  | 0.403% |
| 275    | 17.962 | 17.919 | 17.991 | VV | 53253 | 2143274 | 22.47%  | 0.727% |
|        |        |        |        |    |       |         |         |        |
| 276    | 18.011 | 17.991 | 18.032 | VV | 56619 | 1332605 | 13.97%  | 0.452% |
| 277    | 18.047 | 18.032 | 18.056 | VV | 51586 | 714945  | 7.49%   | 0.242% |
| 278    | 18.091 | 18.056 | 18.138 | VV | 60944 | 2737642 | 28.70%  | 0.928% |
| 279    | 18.162 | 18.138 | 18.184 | VV | 54330 | 1443432 | 15.13%  | 0.489% |
| 280    | 18.208 | 18.184 | 18.222 | VV | 57799 | 1264410 | 13.25%  | 0.429% |
|        |        |        |        |    |       |         |         |        |
| 281    | 18.250 | 18.222 | 18.265 | VV | 58885 | 1463284 | 15.34%  | 0.496% |
| 282    | 18.304 | 18.265 | 18.322 | VV | 59953 | 1974629 | 20.70%  | 0.669% |
| 283    | 18.343 | 18.322 | 18.374 | VV | 60163 | 1803049 | 18.90%  | 0.611% |
| 284    | 18.411 | 18.374 | 18.459 | VV | 69348 | 3233480 | 33.89%  | 1.096% |
| 285    | 18.466 | 18.459 | 18.483 | VV | 62761 | 860537  | 9.02%   | 0.292% |
|        |        |        |        |    |       |         |         |        |
| 286    | 18.506 | 18.483 | 18.524 | VV | 72002 | 1626948 | 17.05%  | 0.552% |
| 287    | 18.566 | 18.524 | 18.597 | VV | 70480 | 2926019 | 30.67%  | 0.992% |
| 288    | 18.613 | 18.597 | 18.627 | VV | 67950 | 1185242 | 12.42%  | 0.402% |
| 289    | 18.657 | 18.627 | 18.665 | VV | 72601 | 1545730 | 16.20%  | 0.524% |
| 290    | 18.684 | 18.665 | 18.696 | VV | 74555 | 1310722 | 13.74%  | 0.444% |
|        |        |        |        |    |       |         |         |        |
| 291    | 18.725 | 18.696 | 18.734 | VV | 74084 | 1646464 | 17.26%  | 0.558% |
| 292    | 18.744 | 18.734 | 18.753 | VV | 73351 | 849972  | 8.91%   | 0.288% |
| 293    | 18.788 | 18.753 | 18.799 | VV | 77579 | 2029816 | 21.28%  | 0.688% |
| 294    | 18.819 | 18.799 | 18.834 | VV | 82633 | 1672217 | 17.53%  | 0.567% |
| 295    | 18.840 | 18.834 | 18.865 | VV | 81243 | 1464490 | 15.35%  | 0.496% |
|        |        |        |        |    |       |         |         |        |
| 296    | 18.907 | 18.865 | 18.956 | VV | 80248 | 4184543 | 43.86%  | 1.419% |
| 297    | 18.979 | 18.956 | 18.989 | VV | 76566 | 1479869 | 15.51%  | 0.502% |
| 298    | 19.056 | 18.989 | 19.067 | VV | 80706 | 3719803 | 38.99%  | 1.261% |
| 299    | 19.212 | 19.067 | 19.250 | VV | 95483 | 9540032 | 100.00% | 3.234% |

| rteres |        |        |        |    |        |         |        |        |
|--------|--------|--------|--------|----|--------|---------|--------|--------|
| 300    | 19.263 | 19.250 | 19.282 | VV | 93124  | 1721344 | 18.04% | 0.584% |
| 301    | 19.313 | 19.282 | 19.331 | VV | 93940  | 2628397 | 27.55% | 0.891% |
| 302    | 19.353 | 19.331 | 19.371 | VV | 94372  | 2195191 | 23.01% | 0.744% |
| 303    | 19.462 | 19.371 | 19.474 | VV | 103848 | 6093831 | 63.88% | 2.066% |
| 304    | 19.498 | 19.474 | 19.514 | VV | 105904 | 2472790 | 25.92% | 0.838% |
| 305    | 19.537 | 19.514 | 19.553 | VV | 109545 | 2488826 | 26.09% | 0.844% |
| 306    | 19.576 | 19.553 | 19.590 | VV | 113175 | 2451666 | 25.70% | 0.831% |
| 307    | 19.610 | 19.590 | 19.632 | VV | 115303 | 2807556 | 29.43% | 0.952% |
| 308    | 19.641 | 19.632 | 19.657 | VV | 111978 | 1628120 | 17.07% | 0.552% |
| 309    | 19.667 | 19.657 | 19.686 | VV | 110521 | 1836582 | 19.25% | 0.623% |
| 310    | 19.736 | 19.686 | 19.751 | VV | 115124 | 4362266 | 45.73% | 1.479% |
| 311    | 19.802 | 19.751 | 19.822 | VV | 123591 | 5124383 | 53.71% | 1.737% |
| 312    | 19.862 | 19.822 | 19.897 | VV | 125429 | 5493508 | 57.58% | 1.862% |
| 313    | 19.966 | 19.897 | 19.976 | VV | 134437 | 5981835 | 62.70% | 2.028% |
| 314    | 19.991 | 19.976 | 20.003 | VV | 135179 | 2157693 | 22.62% | 0.731% |
| 315    | 20.018 | 20.003 | 20.027 | VV | 133254 | 1913630 | 20.06% | 0.649% |
| 316    | 20.033 | 20.027 | 20.047 | VV | 131710 | 1559887 | 16.35% | 0.529% |
| 317    | 20.061 | 20.047 | 20.077 | VV | 135253 | 2380298 | 24.95% | 0.807% |
| 318    | 20.096 | 20.077 | 20.119 | VV | 137059 | 3346411 | 35.08% | 1.134% |
| 319    | 20.132 | 20.119 | 20.164 | VV | 137563 | 3659547 | 38.36% | 1.241% |
| 320    | 20.210 | 20.164 | 20.220 | VV | 145035 | 4708204 | 49.35% | 1.596% |
| 321    | 20.230 | 20.220 | 20.246 | VV | 146735 | 2214996 | 23.22% | 0.751% |
| 322    | 20.262 | 20.246 | 20.276 | VV | 151041 | 2645094 | 27.73% | 0.897% |
| 323    | 20.287 | 20.276 | 20.327 | VV | 153257 | 4589435 | 48.11% | 1.556% |
| 324    | 20.334 | 20.327 | 20.363 | VV | 147690 | 3132597 | 32.84% | 1.062% |
| 325    | 20.378 | 20.363 | 20.386 | VV | 146107 | 1921273 | 20.14% | 0.651% |
| 326    | 20.410 | 20.386 | 20.446 | VV | 147536 | 5208083 | 54.59% | 1.765% |
| 327    | 20.512 | 20.446 | 20.521 | VV | 149341 | 6503763 | 68.17% | 2.205% |
| 328    | 20.530 | 20.521 | 20.556 | VV | 148727 | 3063814 | 32.12% | 1.039% |
| 329    | 20.572 | 20.556 | 20.601 | VV | 149528 | 3909123 | 40.98% | 1.325% |
| 330    | 20.611 | 20.601 | 20.649 | VV | 145314 | 4074146 | 42.71% | 1.381% |
| 331    | 20.656 | 20.649 | 20.706 | VV | 137746 | 4476724 | 46.93% | 1.518% |
| 332    | 20.721 | 20.706 | 20.747 | VV | 129846 | 3194101 | 33.48% | 1.083% |
| 333    | 20.787 | 20.747 | 20.811 | VV | 136446 | 5027125 | 52.70% | 1.704% |
| 334    | 20.835 | 20.811 | 20.856 | VV | 137951 | 3621710 | 37.96% | 1.228% |
| 335    | 20.893 | 20.856 | 20.908 | VV | 137771 | 4253257 | 44.58% | 1.442% |
| 336    | 20.917 | 20.908 | 20.971 | VV | 133828 | 4802063 | 50.34% | 1.628% |
| 337    | 20.981 | 20.971 | 21.001 | VV | 123247 | 2162830 | 22.67% | 0.733% |
| 338    | 21.017 | 21.001 | 21.026 | VV | 119650 | 1808893 | 18.96% | 0.613% |
| 339    | 21.083 | 21.026 | 21.094 | VV | 125884 | 4963193 | 52.02% | 1.682% |
| 340    | 21.119 | 21.094 | 21.134 | VV | 127296 | 3005658 | 31.51% | 1.019% |
| 341    | 21.146 | 21.134 | 21.189 | VV | 127059 | 4017281 | 42.11% | 1.362% |
| 342    | 21.196 | 21.189 | 21.274 | VV | 120262 | 5874694 | 61.58% | 1.991% |
| 343    | 21.283 | 21.274 | 21.309 | VV | 113991 | 2343786 | 24.57% | 0.795% |
| 344    | 21.318 | 21.309 | 21.376 | VV | 108787 | 4176743 | 43.78% | 1.416% |
| 345    | 21.441 | 21.376 | 21.449 | VV | 112347 | 4691752 | 49.18% | 1.590% |
| 346    | 21.462 | 21.449 | 21.516 | VV | 114482 | 4495733 | 47.12% | 1.524% |
| 347    | 21.530 | 21.516 | 21.547 | VV | 113188 | 2104296 | 22.06% | 0.713% |
| 348    | 21.559 | 21.547 | 21.607 | VV | 110762 | 3810560 | 39.94% | 1.292% |
| 349    | 21.619 | 21.607 | 21.649 | VV | 103877 | 2486734 | 26.07% | 0.843% |
| 350    | 21.672 | 21.649 | 21.683 | VV | 98550  | 1984820 | 20.81% | 0.673% |
| 351    | 21.697 | 21.683 | 21.727 | VV | 98456  | 2544127 | 26.67% | 0.862% |

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