

rteres

## Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC102219AL\  
 Data File : FC044135.D  
 Signal(s) : FID1A.CH  
 Acq On : 22 Oct 2019 22:53  
 Sample : K5150-06  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Alaphatic EPH 102219.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         | 3.435       | 3.402        | 3.499      | BV       | 238            | 4123         | 0.03%          | 0.002%        |
| 2         | 3.539       | 3.519        | 3.549      | PV       | 133            | 1547         | 0.01%          | 0.001%        |
| 3         | 3.559       | 3.549        | 3.619      | VV       | 134            | 3782         | 0.03%          | 0.002%        |
| 4         | 3.648       | 3.638        | 3.690      | VV       | 145            | 1665         | 0.01%          | 0.001%        |
| 5         | 3.728       | 3.690        | 3.749      | PV       | 782            | 9347         | 0.07%          | 0.005%        |
| 6         | 3.764       | 3.749        | 3.786      | VV       | 307            | 4473         | 0.04%          | 0.003%        |
| 7         | 3.808       | 3.786        | 3.839      | VV       | 1464           | 16414        | 0.13%          | 0.009%        |
| 8         | 3.848       | 3.839        | 3.860      | VV       | 164            | 1392         | 0.01%          | 0.001%        |
| 9         | 3.885       | 3.860        | 3.904      | VV       | 196            | 3507         | 0.03%          | 0.002%        |
| 10        | 3.923       | 3.904        | 3.971      | VV       | 378            | 7891         | 0.06%          | 0.005%        |
| 11        | 3.985       | 3.971        | 4.004      | PV       | 153            | 2114         | 0.02%          | 0.001%        |
| 12        | 4.014       | 4.004        | 4.027      | VV       | 184            | 1958         | 0.02%          | 0.001%        |
| 13        | 4.032       | 4.027        | 4.057      | VV       | 217            | 2605         | 0.02%          | 0.001%        |
| 14        | 4.081       | 4.057        | 4.099      | VV       | 3897           | 29712        | 0.23%          | 0.017%        |
| 15        | 4.116       | 4.099        | 4.167      | VV       | 1037           | 15955        | 0.13%          | 0.009%        |
| 16        | 4.189       | 4.167        | 4.239      | VV       | 519            | 6718         | 0.05%          | 0.004%        |
| 17        | 4.282       | 4.239        | 4.296      | VV       | 486            | 8047         | 0.06%          | 0.005%        |
| 18        | 4.308       | 4.296        | 4.347      | VV       | 659            | 9827         | 0.08%          | 0.006%        |
| 19        | 4.356       | 4.347        | 4.379      | VV       | 211            | 2302         | 0.02%          | 0.001%        |
| 20        | 4.387       | 4.379        | 4.404      | VV       | 184            | 1521         | 0.01%          | 0.001%        |
| 21        | 4.431       | 4.404        | 4.442      | VV       | 202            | 1966         | 0.02%          | 0.001%        |
| 22        | 4.455       | 4.442        | 4.479      | VV       | 193            | 2625         | 0.02%          | 0.002%        |
| 23        | 4.511       | 4.479        | 4.533      | VV       | 549            | 7237         | 0.06%          | 0.004%        |
| 24        | 4.555       | 4.533        | 4.569      | VV       | 277            | 3742         | 0.03%          | 0.002%        |
| 25        | 4.606       | 4.569        | 4.628      | VV       | 867            | 11935        | 0.09%          | 0.007%        |
| 26        | 4.661       | 4.628        | 4.697      | VV       | 636            | 8794         | 0.07%          | 0.005%        |
| 27        | 4.732       | 4.697        | 4.757      | VV       | 456            | 9764         | 0.08%          | 0.006%        |
| 28        | 4.767       | 4.757        | 4.784      | VV       | 347            | 3169         | 0.02%          | 0.002%        |
| 29        | 4.800       | 4.784        | 4.829      | VV       | 302            | 4421         | 0.03%          | 0.003%        |
| 30        | 4.848       | 4.829        | 4.874      | VV       | 588            | 7186         | 0.06%          | 0.004%        |
| 31        | 4.889       | 4.874        | 4.911      | VV       | 244            | 3672         | 0.03%          | 0.002%        |
| 32        | 4.927       | 4.911        | 4.949      | VV       | 328            | 4478         | 0.04%          | 0.003%        |
| 33        | 4.968       | 4.949        | 4.976      | VV       | 227            | 2383         | 0.02%          | 0.001%        |
| 34        | 4.994       | 4.976        | 5.021      | VV       | 518            | 7005         | 0.06%          | 0.004%        |
| 35        | 5.038       | 5.021        | 5.059      | VV       | 264            | 3206         | 0.03%          | 0.002%        |
| 36        | 5.084       | 5.059        | 5.101      | VV       | 281            | 3745         | 0.03%          | 0.002%        |

|    |       |       |       |    |        |       |       |        |
|----|-------|-------|-------|----|--------|-------|-------|--------|
|    |       |       |       |    | rteres |       |       |        |
| 37 | 5.124 | 5.101 | 5.136 | VV | 463    | 6991  | 0.06% | 0.004% |
| 38 | 5.150 | 5.136 | 5.184 | VV | 649    | 9574  | 0.08% | 0.005% |
| 39 | 5.210 | 5.184 | 5.227 | VV | 475    | 7773  | 0.06% | 0.004% |
| 40 | 5.259 | 5.227 | 5.277 | VV | 672    | 12503 | 0.10% | 0.007% |
| 41 | 5.289 | 5.277 | 5.305 | VV | 395    | 4018  | 0.03% | 0.002% |
| 42 | 5.323 | 5.305 | 5.329 | PV | 195    | 2094  | 0.02% | 0.001% |
| 43 | 5.338 | 5.329 | 5.345 | VV | 304    | 1915  | 0.02% | 0.001% |
| 44 | 5.374 | 5.345 | 5.404 | VV | 1149   | 17460 | 0.14% | 0.010% |
| 45 | 5.448 | 5.404 | 5.467 | VV | 419    | 12078 | 0.10% | 0.007% |
| 46 | 5.479 | 5.467 | 5.494 | VV | 296    | 3160  | 0.02% | 0.002% |
| 47 | 5.506 | 5.494 | 5.534 | VV | 323    | 4896  | 0.04% | 0.003% |
| 48 | 5.555 | 5.534 | 5.570 | VV | 1123   | 13207 | 0.10% | 0.008% |
| 49 | 5.588 | 5.570 | 5.613 | VV | 1583   | 19803 | 0.16% | 0.011% |
| 50 | 5.627 | 5.613 | 5.664 | VV | 426    | 8044  | 0.06% | 0.005% |
| 51 | 5.673 | 5.664 | 5.681 | VV | 281    | 2262  | 0.02% | 0.001% |
| 52 | 5.690 | 5.681 | 5.701 | VV | 241    | 2311  | 0.02% | 0.001% |
| 53 | 5.714 | 5.701 | 5.727 | VV | 351    | 3887  | 0.03% | 0.002% |
| 54 | 5.746 | 5.727 | 5.763 | VV | 1179   | 13237 | 0.10% | 0.008% |
| 55 | 5.776 | 5.763 | 5.805 | VV | 502    | 8212  | 0.06% | 0.005% |
| 56 | 5.839 | 5.805 | 5.849 | VV | 608    | 11556 | 0.09% | 0.007% |
| 57 | 5.859 | 5.849 | 5.885 | VV | 715    | 9747  | 0.08% | 0.006% |
| 58 | 5.900 | 5.885 | 5.917 | VV | 329    | 4731  | 0.04% | 0.003% |
| 59 | 5.960 | 5.917 | 5.991 | VV | 597    | 16616 | 0.13% | 0.010% |
| 60 | 6.011 | 5.991 | 6.040 | PV | 747    | 10765 | 0.08% | 0.006% |
| 61 | 6.061 | 6.040 | 6.076 | VV | 818    | 11184 | 0.09% | 0.006% |
| 62 | 6.111 | 6.076 | 6.133 | VV | 2172   | 35023 | 0.28% | 0.020% |
| 63 | 6.156 | 6.133 | 6.187 | VV | 976    | 18628 | 0.15% | 0.011% |
| 64 | 6.196 | 6.187 | 6.231 | VV | 544    | 9594  | 0.08% | 0.006% |
| 65 | 6.257 | 6.231 | 6.277 | VV | 1630   | 24925 | 0.20% | 0.014% |
| 66 | 6.288 | 6.277 | 6.316 | VV | 694    | 14063 | 0.11% | 0.008% |
| 67 | 6.330 | 6.316 | 6.365 | VV | 477    | 11788 | 0.09% | 0.007% |
| 68 | 6.385 | 6.365 | 6.407 | VV | 1366   | 18759 | 0.15% | 0.011% |
| 69 | 6.425 | 6.407 | 6.442 | VV | 655    | 9116  | 0.07% | 0.005% |
| 70 | 6.479 | 6.442 | 6.506 | VV | 825    | 19574 | 0.15% | 0.011% |
| 71 | 6.539 | 6.506 | 6.596 | VV | 2163   | 46744 | 0.37% | 0.027% |
| 72 | 6.660 | 6.596 | 6.672 | VV | 670    | 16725 | 0.13% | 0.010% |
| 73 | 6.689 | 6.672 | 6.706 | VV | 1404   | 17496 | 0.14% | 0.010% |
| 74 | 6.741 | 6.706 | 6.760 | VV | 914    | 20901 | 0.16% | 0.012% |
| 75 | 6.768 | 6.760 | 6.783 | VV | 430    | 5269  | 0.04% | 0.003% |
| 76 | 6.817 | 6.783 | 6.843 | VV | 1284   | 20955 | 0.17% | 0.012% |
| 77 | 6.882 | 6.843 | 6.912 | PV | 953    | 18504 | 0.15% | 0.011% |
| 78 | 6.947 | 6.912 | 6.969 | VV | 1381   | 21099 | 0.17% | 0.012% |
| 79 | 7.015 | 6.969 | 7.032 | VV | 925    | 23828 | 0.19% | 0.014% |
| 80 | 7.052 | 7.032 | 7.086 | VV | 1179   | 29054 | 0.23% | 0.017% |
| 81 | 7.105 | 7.086 | 7.131 | VV | 1374   | 20234 | 0.16% | 0.012% |
| 82 | 7.148 | 7.131 | 7.157 | VV | 808    | 10524 | 0.08% | 0.006% |
| 83 | 7.176 | 7.157 | 7.192 | VV | 1353   | 19036 | 0.15% | 0.011% |
| 84 | 7.202 | 7.192 | 7.228 | VV | 1006   | 12649 | 0.10% | 0.007% |
| 85 | 7.247 | 7.228 | 7.288 | VV | 1900   | 31606 | 0.25% | 0.018% |
| 86 | 7.305 | 7.288 | 7.327 | VV | 933    | 13518 | 0.11% | 0.008% |
| 87 | 7.347 | 7.327 | 7.412 | VV | 976    | 29193 | 0.23% | 0.017% |
| 88 | 7.466 | 7.412 | 7.500 | VV | 4135   | 83118 | 0.65% | 0.048% |
| 89 | 7.516 | 7.500 | 7.530 | VV | 983    | 12479 | 0.10% | 0.007% |

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|-----|--------|--------|--------|----|--------|--------|-------|--------|
|     |        |        |        |    | rteres |        |       |        |
| 90  | 7.545  | 7.530  | 7.582  | VV | 891    | 19453  | 0.15% | 0.011% |
| 91  | 7.602  | 7.582  | 7.617  | VV | 378    | 6697   | 0.05% | 0.004% |
| 92  | 7.645  | 7.617  | 7.685  | VV | 2188   | 42795  | 0.34% | 0.025% |
| 93  | 7.700  | 7.685  | 7.720  | VV | 1042   | 11568  | 0.09% | 0.007% |
| 94  | 7.833  | 7.824  | 7.846  | VV | 970    | 11475  | 0.09% | 0.007% |
| 95  | 7.896  | 7.846  | 7.935  | VV | 1658   | 72742  | 0.57% | 0.042% |
| 96  | 7.947  | 7.935  | 7.966  | VV | 1272   | 17044  | 0.13% | 0.010% |
| 97  | 7.989  | 7.966  | 8.009  | VV | 1848   | 24014  | 0.19% | 0.014% |
| 98  | 8.036  | 8.009  | 8.056  | VV | 1673   | 24732  | 0.19% | 0.014% |
| 99  | 8.081  | 8.056  | 8.132  | VV | 2013   | 52002  | 0.41% | 0.030% |
| 100 | 8.161  | 8.132  | 8.181  | VV | 3051   | 41195  | 0.32% | 0.024% |
| 101 | 8.192  | 8.181  | 8.202  | VV | 762    | 8098   | 0.06% | 0.005% |
| 102 | 8.273  | 8.202  | 8.289  | VV | 2943   | 66156  | 0.52% | 0.038% |
| 103 | 8.301  | 8.289  | 8.311  | VV | 1580   | 17360  | 0.14% | 0.010% |
| 104 | 8.339  | 8.311  | 8.370  | VV | 8293   | 118484 | 0.93% | 0.068% |
| 105 | 8.454  | 8.427  | 8.474  | VV | 2083   | 36108  | 0.28% | 0.021% |
| 106 | 8.511  | 8.474  | 8.522  | VV | 1963   | 31215  | 0.25% | 0.018% |
| 107 | 8.534  | 8.522  | 8.548  | VV | 1592   | 16043  | 0.13% | 0.009% |
| 108 | 8.569  | 8.548  | 8.605  | VV | 2665   | 40853  | 0.32% | 0.023% |
| 109 | 8.702  | 8.686  | 8.731  | VV | 1651   | 38789  | 0.31% | 0.022% |
| 110 | 8.752  | 8.731  | 8.776  | VV | 2312   | 47526  | 0.37% | 0.027% |
| 111 | 8.787  | 8.776  | 8.801  | VV | 2211   | 27577  | 0.22% | 0.016% |
| 112 | 8.808  | 8.801  | 8.820  | VV | 2069   | 20906  | 0.16% | 0.012% |
| 113 | 8.830  | 8.820  | 8.857  | VV | 1848   | 35226  | 0.28% | 0.020% |
| 114 | 8.877  | 8.857  | 8.906  | VV | 6165   | 84043  | 0.66% | 0.048% |
| 115 | 8.928  | 8.906  | 8.942  | VV | 1674   | 24087  | 0.19% | 0.014% |
| 116 | 8.960  | 8.942  | 8.974  | VV | 1396   | 23101  | 0.18% | 0.013% |
| 117 | 8.994  | 8.974  | 9.012  | VV | 1598   | 29729  | 0.23% | 0.017% |
| 118 | 9.028  | 9.012  | 9.047  | VV | 2026   | 30262  | 0.24% | 0.017% |
| 119 | 9.106  | 9.047  | 9.132  | VV | 2251   | 66311  | 0.52% | 0.038% |
| 120 | 9.164  | 9.132  | 9.190  | VV | 14588  | 183652 | 1.45% | 0.105% |
| 121 | 9.202  | 9.190  | 9.229  | VV | 1862   | 36657  | 0.29% | 0.021% |
| 122 | 9.245  | 9.229  | 9.286  | VV | 2825   | 54153  | 0.43% | 0.031% |
| 123 | 9.319  | 9.286  | 9.336  | VV | 1808   | 36203  | 0.29% | 0.021% |
| 124 | 9.353  | 9.336  | 9.362  | VV | 1340   | 16349  | 0.13% | 0.009% |
| 125 | 9.370  | 9.362  | 9.387  | VV | 1454   | 17690  | 0.14% | 0.010% |
| 126 | 9.401  | 9.387  | 9.437  | VV | 2053   | 40261  | 0.32% | 0.023% |
| 127 | 9.454  | 9.437  | 9.470  | VV | 2128   | 30314  | 0.24% | 0.017% |
| 128 | 9.485  | 9.470  | 9.516  | VV | 2192   | 46871  | 0.37% | 0.027% |
| 129 | 9.540  | 9.516  | 9.572  | VV | 5341   | 100934 | 0.80% | 0.058% |
| 130 | 9.585  | 9.572  | 9.599  | VV | 2000   | 28739  | 0.23% | 0.017% |
| 131 | 9.623  | 9.599  | 9.647  | VV | 4086   | 76182  | 0.60% | 0.044% |
| 132 | 9.670  | 9.647  | 9.691  | VV | 3023   | 54467  | 0.43% | 0.031% |
| 133 | 9.723  | 9.691  | 9.756  | VV | 2947   | 74717  | 0.59% | 0.043% |
| 134 | 9.779  | 9.756  | 9.808  | VV | 1532   | 35002  | 0.28% | 0.020% |
| 135 | 9.827  | 9.808  | 9.839  | VV | 1026   | 17126  | 0.13% | 0.010% |
| 136 | 9.862  | 9.839  | 9.872  | VV | 2113   | 32589  | 0.26% | 0.019% |
| 137 | 9.904  | 9.872  | 9.924  | VV | 3292   | 79301  | 0.62% | 0.046% |
| 138 | 9.944  | 9.924  | 9.997  | VV | 19030  | 264675 | 2.08% | 0.152% |
| 139 | 10.023 | 9.997  | 10.041 | VV | 1558   | 37825  | 0.30% | 0.022% |
| 140 | 10.051 | 10.041 | 10.102 | VV | 1661   | 36722  | 0.29% | 0.021% |
| 141 | 10.125 | 10.102 | 10.154 | VV | 1916   | 36510  | 0.29% | 0.021% |

|     |        |        |        |    | rteres |         |        |        |
|-----|--------|--------|--------|----|--------|---------|--------|--------|
| 142 | 10.160 | 10.154 | 10.182 | VV | 894    | 13929   | 0.11%  | 0.008% |
| 143 | 10.222 | 10.182 | 10.244 | VV | 1464   | 41717   | 0.33%  | 0.024% |
| 144 | 10.290 | 10.244 | 10.311 | VV | 2849   | 74419   | 0.59%  | 0.043% |
| 145 | 10.335 | 10.311 | 10.365 | VV | 10589  | 163373  | 1.29%  | 0.094% |
| 146 | 10.387 | 10.365 | 10.406 | VV | 3639   | 63856   | 0.50%  | 0.037% |
| 147 | 10.422 | 10.406 | 10.449 | VV | 4568   | 70748   | 0.56%  | 0.041% |
| 148 | 10.478 | 10.449 | 10.512 | VV | 3813   | 86148   | 0.68%  | 0.049% |
| 149 | 10.533 | 10.512 | 10.547 | VV | 1556   | 26274   | 0.21%  | 0.015% |
| 150 | 10.594 | 10.547 | 10.629 | VV | 2806   | 98624   | 0.78%  | 0.057% |
| 151 | 10.638 | 10.629 | 10.652 | VV | 2060   | 26295   | 0.21%  | 0.015% |
| 152 | 10.684 | 10.652 | 10.717 | VV | 23259  | 314356  | 2.48%  | 0.180% |
| 153 | 10.758 | 10.717 | 10.791 | VV | 10567  | 241424  | 1.90%  | 0.139% |
| 154 | 10.806 | 10.791 | 10.842 | VV | 2187   | 51296   | 0.40%  | 0.029% |
| 155 | 10.857 | 10.842 | 10.867 | VV | 1063   | 15354   | 0.12%  | 0.009% |
| 156 | 10.902 | 10.867 | 10.922 | VV | 1600   | 41485   | 0.33%  | 0.024% |
| 157 | 10.946 | 10.922 | 10.987 | VV | 15002  | 222300  | 1.75%  | 0.128% |
| 158 | 11.020 | 10.987 | 11.047 | VV | 6264   | 120557  | 0.95%  | 0.069% |
| 159 | 11.081 | 11.047 | 11.121 | VV | 3980   | 109772  | 0.86%  | 0.063% |
| 160 | 11.141 | 11.121 | 11.177 | VV | 2967   | 57866   | 0.46%  | 0.033% |
| 161 | 11.193 | 11.177 | 11.216 | VV | 2825   | 40437   | 0.32%  | 0.023% |
| 162 | 11.250 | 11.216 | 11.272 | VV | 1750   | 41830   | 0.33%  | 0.024% |
| 163 | 11.311 | 11.272 | 11.324 | VV | 1554   | 34659   | 0.27%  | 0.020% |
| 164 | 11.390 | 11.324 | 11.424 | VV | 21981  | 324985  | 2.56%  | 0.187% |
| 165 | 11.437 | 11.424 | 11.448 | VV | 2365   | 30304   | 0.24%  | 0.017% |
| 166 | 11.482 | 11.448 | 11.517 | VV | 9705   | 172899  | 1.36%  | 0.099% |
| 167 | 11.546 | 11.517 | 11.570 | VV | 1310   | 27463   | 0.22%  | 0.016% |
| 168 | 11.590 | 11.570 | 11.617 | VV | 1723   | 29243   | 0.23%  | 0.017% |
| 169 | 11.641 | 11.617 | 11.664 | VV | 2660   | 47664   | 0.38%  | 0.027% |
| 170 | 11.719 | 11.664 | 11.765 | VV | 503907 | 5404124 | 42.57% | 3.103% |
| 171 | 11.782 | 11.765 | 11.833 | VV | 5262   | 130305  | 1.03%  | 0.075% |
| 172 | 11.867 | 11.833 | 11.891 | VV | 5797   | 125504  | 0.99%  | 0.072% |
| 173 | 11.901 | 11.891 | 11.914 | VV | 2808   | 32026   | 0.25%  | 0.018% |
| 174 | 11.950 | 11.914 | 11.982 | VV | 9042   | 156121  | 1.23%  | 0.090% |
| 175 | 12.005 | 11.982 | 12.021 | VV | 1291   | 21540   | 0.17%  | 0.012% |
| 176 | 12.061 | 12.021 | 12.086 | VV | 19681  | 291567  | 2.30%  | 0.167% |
| 177 | 12.114 | 12.086 | 12.142 | VV | 214861 | 2486113 | 19.58% | 1.427% |
| 178 | 12.156 | 12.142 | 12.199 | VV | 3127   | 66949   | 0.53%  | 0.038% |
| 179 | 12.219 | 12.199 | 12.242 | VV | 3110   | 45576   | 0.36%  | 0.026% |
| 180 | 12.256 | 12.242 | 12.271 | VV | 1257   | 16843   | 0.13%  | 0.010% |
| 181 | 12.315 | 12.271 | 12.386 | VV | 112702 | 1596754 | 12.58% | 0.917% |
| 182 | 12.400 | 12.386 | 12.421 | VV | 2114   | 34082   | 0.27%  | 0.020% |
| 183 | 12.436 | 12.421 | 12.459 | VV | 2383   | 46730   | 0.37%  | 0.027% |
| 184 | 12.474 | 12.459 | 12.508 | VV | 3225   | 55107   | 0.43%  | 0.032% |
| 185 | 12.528 | 12.508 | 12.546 | VV | 2064   | 37676   | 0.30%  | 0.022% |
| 186 | 12.555 | 12.546 | 12.566 | VV | 1990   | 20649   | 0.16%  | 0.012% |
| 187 | 12.582 | 12.566 | 12.616 | VV | 3269   | 62140   | 0.49%  | 0.036% |
| 188 | 12.621 | 12.616 | 12.629 | VV | 1367   | 9975    | 0.08%  | 0.006% |
| 189 | 12.652 | 12.629 | 12.671 | VV | 3148   | 48488   | 0.38%  | 0.028% |
| 190 | 12.702 | 12.671 | 12.731 | VV | 19094  | 255839  | 2.02%  | 0.147% |
| 191 | 12.768 | 12.731 | 12.806 | VV | 33235  | 415141  | 3.27%  | 0.238% |
| 192 | 12.828 | 12.806 | 12.884 | VV | 1015   | 30837   | 0.24%  | 0.018% |
| 193 | 12.895 | 12.884 | 12.906 | PV | 642    | 6803    | 0.05%  | 0.004% |
| 194 | 12.958 | 12.906 | 12.986 | VV | 3574   | 81470   | 0.64%  | 0.047% |

|     |        |        |        |    |        |          |         |        |
|-----|--------|--------|--------|----|--------|----------|---------|--------|
|     |        |        |        |    | rteres |          |         |        |
| 195 | 13.013 | 12.986 | 13.044 | VV | 3268   | 55744    | 0.44%   | 0.032% |
| 196 | 13.068 | 13.044 | 13.096 | PV | 27695  | 312516   | 2.46%   | 0.179% |
| 197 | 13.149 | 13.096 | 13.177 | VV | 642487 | 12694353 | 100.00% | 7.289% |
| 198 | 13.204 | 13.177 | 13.274 | VV | 950106 | 12113464 | 95.42%  | 6.955% |
| 199 | 13.285 | 13.274 | 13.292 | VV | 1878   | 18295    | 0.14%   | 0.011% |
| 200 | 13.335 | 13.292 | 13.352 | VV | 68166  | 1090388  | 8.59%   | 0.626% |
| 201 | 13.390 | 13.352 | 13.449 | VV | 126151 | 3026124  | 23.84%  | 1.737% |
| 202 | 13.462 | 13.449 | 13.484 | VV | 4956   | 82619    | 0.65%   | 0.047% |
| 203 | 13.492 | 13.484 | 13.504 | VV | 3057   | 32381    | 0.26%   | 0.019% |
| 204 | 13.545 | 13.504 | 13.609 | VV | 46357  | 689960   | 5.44%   | 0.396% |
| 205 | 13.663 | 13.609 | 13.691 | VV | 16390  | 294144   | 2.32%   | 0.169% |
| 206 | 13.707 | 13.691 | 13.722 | VV | 2168   | 29293    | 0.23%   | 0.017% |
| 207 | 13.777 | 13.722 | 13.794 | VV | 5970   | 137258   | 1.08%   | 0.079% |
| 208 | 13.808 | 13.794 | 13.827 | VV | 4283   | 62199    | 0.49%   | 0.036% |
| 209 | 13.841 | 13.827 | 13.877 | VV | 3923   | 79296    | 0.62%   | 0.046% |
| 210 | 13.902 | 13.877 | 13.927 | VV | 13688  | 189859   | 1.50%   | 0.109% |
| 211 | 13.939 | 13.927 | 13.966 | VV | 4132   | 73032    | 0.58%   | 0.042% |
| 212 | 13.984 | 13.966 | 14.006 | VV | 3463   | 56011    | 0.44%   | 0.032% |
| 213 | 14.017 | 14.006 | 14.066 | VV | 2540   | 51849    | 0.41%   | 0.030% |
| 214 | 14.121 | 14.066 | 14.147 | VV | 5171   | 128952   | 1.02%   | 0.074% |
| 215 | 14.168 | 14.147 | 14.194 | VV | 11817  | 194332   | 1.53%   | 0.112% |
| 216 | 14.205 | 14.194 | 14.232 | VV | 5463   | 75887    | 0.60%   | 0.044% |
| 217 | 14.283 | 14.232 | 14.304 | VV | 11871  | 239166   | 1.88%   | 0.137% |
| 218 | 14.314 | 14.304 | 14.331 | VV | 5846   | 83043    | 0.65%   | 0.048% |
| 219 | 14.362 | 14.331 | 14.396 | VV | 24463  | 624403   | 4.92%   | 0.359% |
| 220 | 14.407 | 14.396 | 14.436 | VV | 15063  | 226569   | 1.78%   | 0.130% |
| 221 | 14.462 | 14.436 | 14.502 | VV | 22884  | 486020   | 3.83%   | 0.279% |
| 222 | 14.523 | 14.502 | 14.556 | VV | 21801  | 352991   | 2.78%   | 0.203% |
| 223 | 14.580 | 14.556 | 14.613 | VV | 8703   | 170405   | 1.34%   | 0.098% |
| 224 | 14.637 | 14.613 | 14.656 | VV | 9454   | 133825   | 1.05%   | 0.077% |
| 225 | 14.683 | 14.656 | 14.736 | VV | 10838  | 215908   | 1.70%   | 0.124% |
| 226 | 14.759 | 14.736 | 14.776 | VV | 2240   | 33851    | 0.27%   | 0.019% |
| 227 | 14.795 | 14.776 | 14.809 | VV | 2179   | 35062    | 0.28%   | 0.020% |
| 228 | 14.819 | 14.809 | 14.827 | VV | 1888   | 17573    | 0.14%   | 0.010% |
| 229 | 14.845 | 14.827 | 14.877 | VV | 2815   | 52548    | 0.41%   | 0.030% |
| 230 | 14.898 | 14.877 | 14.911 | PV | 1802   | 19257    | 0.15%   | 0.011% |
| 231 | 14.948 | 14.911 | 14.967 | VV | 13570  | 186183   | 1.47%   | 0.107% |
| 232 | 14.991 | 14.967 | 15.031 | VV | 20585  | 375255   | 2.96%   | 0.215% |
| 233 | 15.056 | 15.031 | 15.074 | VV | 1879   | 31309    | 0.25%   | 0.018% |
| 234 | 15.111 | 15.074 | 15.142 | VV | 3789   | 91556    | 0.72%   | 0.053% |
| 235 | 15.157 | 15.142 | 15.172 | VV | 2030   | 31530    | 0.25%   | 0.018% |
| 236 | 15.186 | 15.172 | 15.231 | VV | 1949   | 31871    | 0.25%   | 0.018% |
| 237 | 15.287 | 15.231 | 15.298 | PV | 2557   | 71239    | 0.56%   | 0.041% |
| 238 | 15.314 | 15.298 | 15.337 | VV | 2128   | 40625    | 0.32%   | 0.023% |
| 239 | 15.386 | 15.337 | 15.424 | VV | 30465  | 453882   | 3.58%   | 0.261% |
| 240 | 15.435 | 15.424 | 15.456 | VV | 2976   | 37460    | 0.30%   | 0.022% |
| 241 | 15.462 | 15.456 | 15.484 | VV | 1079   | 11248    | 0.09%   | 0.006% |
| 242 | 15.491 | 15.484 | 15.501 | VV | 634    | 4234     | 0.03%   | 0.002% |
| 243 | 15.529 | 15.501 | 15.564 | VV | 12390  | 178541   | 1.41%   | 0.103% |
| 244 | 15.587 | 15.564 | 15.610 | VV | 16098  | 224792   | 1.77%   | 0.129% |
| 245 | 15.623 | 15.610 | 15.646 | VV | 5863   | 79777    | 0.63%   | 0.046% |
| 246 | 15.662 | 15.646 | 15.692 | VV | 3110   | 50410    | 0.40%   | 0.029% |

|     |        |        |        |    | rteres |         |        |        |
|-----|--------|--------|--------|----|--------|---------|--------|--------|
| 247 | 15.710 | 15.692 | 15.726 | VV | 1834   | 29413   | 0.23%  | 0.017% |
| 248 | 15.746 | 15.726 | 15.754 | VV | 4200   | 54996   | 0.43%  | 0.032% |
| 249 | 15.762 | 15.754 | 15.777 | VV | 4205   | 55619   | 0.44%  | 0.032% |
| 250 | 15.790 | 15.777 | 15.814 | VV | 4060   | 72205   | 0.57%  | 0.041% |
| 251 | 15.819 | 15.814 | 15.836 | VV | 2100   | 25817   | 0.20%  | 0.015% |
| 252 | 15.861 | 15.836 | 15.884 | VV | 2542   | 63890   | 0.50%  | 0.037% |
| 253 | 15.908 | 15.884 | 15.936 | VV | 3651   | 87146   | 0.69%  | 0.050% |
| 254 | 15.959 | 15.936 | 15.972 | VV | 3661   | 68511   | 0.54%  | 0.039% |
| 255 | 15.983 | 15.972 | 16.002 | VV | 3698   | 55048   | 0.43%  | 0.032% |
| 256 | 16.030 | 16.002 | 16.054 | VV | 20159  | 311170  | 2.45%  | 0.179% |
| 257 | 16.068 | 16.054 | 16.081 | VV | 5041   | 72558   | 0.57%  | 0.042% |
| 258 | 16.095 | 16.081 | 16.119 | VV | 4969   | 94284   | 0.74%  | 0.054% |
| 259 | 16.133 | 16.119 | 16.147 | VV | 3840   | 57032   | 0.45%  | 0.033% |
| 260 | 16.164 | 16.147 | 16.177 | VV | 3533   | 61295   | 0.48%  | 0.035% |
| 261 | 16.204 | 16.177 | 16.216 | VV | 6834   | 122034  | 0.96%  | 0.070% |
| 262 | 16.236 | 16.216 | 16.275 | VV | 10656  | 256181  | 2.02%  | 0.147% |
| 263 | 16.286 | 16.275 | 16.304 | VV | 5616   | 85522   | 0.67%  | 0.049% |
| 264 | 16.337 | 16.304 | 16.361 | VV | 8447   | 227549  | 1.79%  | 0.131% |
| 265 | 16.400 | 16.361 | 16.419 | VV | 10819  | 277342  | 2.18%  | 0.159% |
| 266 | 16.430 | 16.419 | 16.463 | VV | 8833   | 183464  | 1.45%  | 0.105% |
| 267 | 16.514 | 16.463 | 16.556 | VV | 42280  | 898569  | 7.08%  | 0.516% |
| 268 | 16.578 | 16.556 | 16.604 | VV | 13591  | 285500  | 2.25%  | 0.164% |
| 269 | 16.646 | 16.604 | 16.668 | VV | 14527  | 396225  | 3.12%  | 0.227% |
| 270 | 16.697 | 16.668 | 16.714 | VV | 10492  | 258012  | 2.03%  | 0.148% |
| 271 | 16.737 | 16.714 | 16.777 | VV | 11014  | 366276  | 2.89%  | 0.210% |
| 272 | 16.833 | 16.777 | 16.856 | VV | 21352  | 625696  | 4.93%  | 0.359% |
| 273 | 16.887 | 16.856 | 16.927 | VV | 21445  | 625961  | 4.93%  | 0.359% |
| 274 | 16.983 | 16.927 | 17.008 | VV | 39566  | 902964  | 7.11%  | 0.518% |
| 275 | 17.022 | 17.008 | 17.038 | VV | 15973  | 268671  | 2.12%  | 0.154% |
| 276 | 17.054 | 17.038 | 17.099 | VV | 15518  | 496581  | 3.91%  | 0.285% |
| 277 | 17.137 | 17.099 | 17.157 | VV | 14457  | 447508  | 3.53%  | 0.257% |
| 278 | 17.203 | 17.157 | 17.214 | VV | 16149  | 483285  | 3.81%  | 0.277% |
| 279 | 17.249 | 17.214 | 17.271 | VV | 17666  | 547357  | 4.31%  | 0.314% |
| 280 | 17.278 | 17.271 | 17.289 | VV | 16537  | 174803  | 1.38%  | 0.100% |
| 281 | 17.345 | 17.289 | 17.374 | VV | 20654  | 907757  | 7.15%  | 0.521% |
| 282 | 17.389 | 17.374 | 17.405 | VV | 19076  | 336108  | 2.65%  | 0.193% |
| 283 | 17.435 | 17.405 | 17.465 | VV | 51441  | 1069262 | 8.42%  | 0.614% |
| 284 | 17.490 | 17.465 | 17.532 | VV | 20577  | 761288  | 6.00%  | 0.437% |
| 285 | 17.563 | 17.532 | 17.597 | VV | 22637  | 780232  | 6.15%  | 0.448% |
| 286 | 17.621 | 17.597 | 17.638 | VV | 21972  | 482941  | 3.80%  | 0.277% |
| 287 | 17.654 | 17.638 | 17.681 | VV | 19731  | 478418  | 3.77%  | 0.275% |
| 288 | 17.685 | 17.681 | 17.699 | VV | 20242  | 203472  | 1.60%  | 0.117% |
| 289 | 17.721 | 17.699 | 17.750 | VV | 20798  | 602768  | 4.75%  | 0.346% |
| 290 | 17.797 | 17.750 | 17.826 | VV | 22932  | 950826  | 7.49%  | 0.546% |
| 291 | 17.874 | 17.826 | 17.921 | VV | 52319  | 1686597 | 13.29% | 0.968% |
| 292 | 17.940 | 17.921 | 17.952 | VV | 23729  | 415160  | 3.27%  | 0.238% |
| 293 | 17.963 | 17.952 | 17.982 | VV | 24715  | 437956  | 3.45%  | 0.251% |
| 294 | 18.036 | 17.982 | 18.117 | VV | 33230  | 2152087 | 16.95% | 1.236% |
| 295 | 18.146 | 18.117 | 18.161 | VV | 27096  | 675261  | 5.32%  | 0.388% |
| 296 | 18.232 | 18.161 | 18.251 | VV | 39270  | 1603371 | 12.63% | 0.921% |
| 297 | 18.264 | 18.251 | 18.277 | VV | 34992  | 517308  | 4.08%  | 0.297% |
| 298 | 18.299 | 18.277 | 18.326 | VV | 56090  | 1179284 | 9.29%  | 0.677% |
| 299 | 18.405 | 18.326 | 18.426 | VV | 37813  | 1741598 | 13.72% | 1.000% |

|     |        |        |        |    | rteres |         |        |        |
|-----|--------|--------|--------|----|--------|---------|--------|--------|
| 300 | 18.428 | 18.426 | 18.493 | VV | 32411  | 1145916 | 9.03%  | 0.658% |
| 301 | 18.522 | 18.493 | 18.542 | VV | 34669  | 904164  | 7.12%  | 0.519% |
| 302 | 18.564 | 18.542 | 18.589 | VV | 32226  | 849849  | 6.69%  | 0.488% |
| 303 | 18.605 | 18.589 | 18.621 | VV | 31742  | 574004  | 4.52%  | 0.330% |
| 304 | 18.658 | 18.621 | 18.667 | VV | 32700  | 843009  | 6.64%  | 0.484% |
| 305 | 18.708 | 18.667 | 18.753 | VV | 52800  | 1996610 | 15.73% | 1.146% |
| 306 | 18.828 | 18.753 | 18.859 | VV | 45076  | 2278078 | 17.95% | 1.308% |
| 307 | 18.882 | 18.859 | 18.902 | VV | 42720  | 980953  | 7.73%  | 0.563% |
| 308 | 18.923 | 18.902 | 18.943 | VV | 39023  | 885229  | 6.97%  | 0.508% |
| 309 | 18.961 | 18.943 | 18.984 | VV | 36204  | 879893  | 6.93%  | 0.505% |
| 310 | 18.993 | 18.984 | 19.032 | VV | 37649  | 1054863 | 8.31%  | 0.606% |
| 311 | 19.069 | 19.032 | 19.089 | VV | 48957  | 1452049 | 11.44% | 0.834% |
| 312 | 19.110 | 19.089 | 19.141 | VV | 54404  | 1460051 | 11.50% | 0.838% |
| 313 | 19.162 | 19.141 | 19.182 | VV | 42960  | 1037967 | 8.18%  | 0.596% |
| 314 | 19.230 | 19.182 | 19.247 | VV | 48945  | 1706437 | 13.44% | 0.980% |
| 315 | 19.256 | 19.247 | 19.307 | VV | 45515  | 1543812 | 12.16% | 0.886% |
| 316 | 19.321 | 19.307 | 19.331 | VV | 41853  | 576104  | 4.54%  | 0.331% |
| 317 | 19.357 | 19.331 | 19.372 | VV | 44650  | 1075014 | 8.47%  | 0.617% |
| 318 | 19.396 | 19.372 | 19.411 | VV | 44899  | 993053  | 7.82%  | 0.570% |
| 319 | 19.427 | 19.411 | 19.471 | VV | 43352  | 1528308 | 12.04% | 0.877% |
| 320 | 19.495 | 19.471 | 19.521 | VV | 53266  | 1440556 | 11.35% | 0.827% |
| 321 | 19.555 | 19.521 | 19.569 | VV | 47714  | 1319317 | 10.39% | 0.758% |
| 322 | 19.609 | 19.569 | 19.651 | VV | 49198  | 2316226 | 18.25% | 1.330% |
| 323 | 19.684 | 19.651 | 19.709 | VV | 52078  | 1696554 | 13.36% | 0.974% |
| 324 | 19.790 | 19.709 | 19.815 | VV | 57535  | 3251701 | 25.62% | 1.867% |
| 325 | 19.870 | 19.815 | 19.899 | VV | 62603  | 2768730 | 21.81% | 1.590% |
| 326 | 19.908 | 19.899 | 19.919 | VV | 53521  | 620096  | 4.88%  | 0.356% |
| 327 | 19.938 | 19.919 | 19.956 | VV | 55848  | 1184519 | 9.33%  | 0.680% |
| 328 | 20.021 | 19.956 | 20.032 | VV | 61010  | 2603045 | 20.51% | 1.495% |
| 329 | 20.049 | 20.032 | 20.093 | VV | 63739  | 2158530 | 17.00% | 1.239% |
| 330 | 20.102 | 20.093 | 20.147 | VV | 58424  | 1808529 | 14.25% | 1.038% |
| 331 | 20.161 | 20.147 | 20.178 | VV | 60692  | 1076966 | 8.48%  | 0.618% |
| 332 | 20.236 | 20.178 | 20.262 | VV | 68820  | 2986504 | 23.53% | 1.715% |
| 333 | 20.281 | 20.262 | 20.307 | VV | 67594  | 1740282 | 13.71% | 0.999% |
| 334 | 20.324 | 20.307 | 20.371 | VV | 64789  | 2261207 | 17.81% | 1.298% |
| 335 | 20.402 | 20.371 | 20.461 | VV | 59137  | 3037267 | 23.93% | 1.744% |
| 336 | 20.468 | 20.461 | 20.496 | VV | 58045  | 1172174 | 9.23%  | 0.673% |
| 337 | 20.529 | 20.496 | 20.539 | VV | 57377  | 1433253 | 11.29% | 0.823% |
| 338 | 20.601 | 20.539 | 20.651 | VV | 66204  | 3941778 | 31.05% | 2.263% |
| 339 | 20.661 | 20.651 | 20.686 | VV | 55830  | 1129961 | 8.90%  | 0.649% |
| 340 | 20.719 | 20.686 | 20.731 | VV | 55842  | 1478375 | 11.65% | 0.849% |
| 341 | 20.781 | 20.731 | 20.825 | VV | 65886  | 3285139 | 25.88% | 1.886% |
| 342 | 20.850 | 20.825 | 20.887 | VV | 54071  | 1972215 | 15.54% | 1.132% |
| 343 | 20.902 | 20.887 | 20.922 | VV | 52100  | 1060331 | 8.35%  | 0.609% |
| 344 | 20.930 | 20.922 | 20.937 | VV | 50032  | 446144  | 3.51%  | 0.256% |
| 345 | 20.943 | 20.937 | 20.966 | VV | 49732  | 835753  | 6.58%  | 0.480% |
| 346 | 21.016 | 20.966 | 21.054 | VV | 54805  | 2670852 | 21.04% | 1.534% |
| 347 | 21.060 | 21.054 | 21.075 | VV | 47775  | 578352  | 4.56%  | 0.332% |
| 348 | 21.104 | 21.075 | 21.117 | VV | 48524  | 1188196 | 9.36%  | 0.682% |
| 349 | 21.132 | 21.117 | 21.154 | VV | 49364  | 1034705 | 8.15%  | 0.594% |
| 350 | 21.174 | 21.154 | 21.198 | VV | 50008  | 1240103 | 9.77%  | 0.712% |
| 351 | 21.213 | 21.198 | 21.252 | VV | 47959  | 1506203 | 11.87% | 0.865% |

|     |        |        |        |     |                         |           |        |        |
|-----|--------|--------|--------|-----|-------------------------|-----------|--------|--------|
|     |        |        |        |     |                         | rteres    |        |        |
| 352 | 21.259 | 21.252 | 21.287 | VV  | 47299                   | 946645    | 7.46%  | 0.544% |
| 353 | 21.357 | 21.287 | 21.451 | VV  | 54248                   | 4492103   | 35.39% | 2.579% |
| 354 | 21.477 | 21.451 | 21.525 | VV  | 44878                   | 1854107   | 14.61% | 1.065% |
| 355 | 21.560 | 21.525 | 21.594 | VV  | 43406                   | 1711149   | 13.48% | 0.982% |
| 356 | 21.609 | 21.594 | 21.641 | VV  | 43537                   | 1142753   | 9.00%  | 0.656% |
| 357 | 21.652 | 21.641 | 21.736 | VV  | 38810                   | 2029603   | 15.99% | 1.165% |
| 358 | 21.739 | 21.736 | 21.761 | VV  | 35115                   | 493876    | 3.89%  | 0.284% |
| 359 | 21.778 | 21.761 | 21.801 | VBA | 34971                   | 845857    | 6.66%  | 0.486% |
|     |        |        |        |     | Sum of corrected areas: | 174166506 |        |        |

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