

rteres

## Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC062719AL\  
 Data File : FC042066.D  
 Signal(s) : FID1A.CH  
 Acq On : 27 Jun 2019 19:53  
 Sample : K3509-01  
 Misc :  
 ALS Vial : 17 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Alaphatic EPH 061219.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         | 3.489       | 3.452        | 3.582      | BV       | 95             | 2162         | 0.02%          | 0.001%        |
| 2         | 3.586       | 3.582        | 3.675      | PV       | 125            | 3367         | 0.04%          | 0.001%        |
| 3         | 3.681       | 3.675        | 3.747      | VV       | 111            | 1806         | 0.02%          | 0.001%        |
| 4         | 3.760       | 3.747        | 3.772      | PV       | 138            | 1438         | 0.02%          | 0.001%        |
| 5         | 3.781       | 3.772        | 3.841      | VV       | 287            | 4852         | 0.05%          | 0.002%        |
| 6         | 3.876       | 3.841        | 3.950      | PV       | 279            | 7953         | 0.09%          | 0.003%        |
| 7         | 3.973       | 3.950        | 4.040      | VV       | 236            | 5384         | 0.06%          | 0.002%        |
| 8         | 4.060       | 4.040        | 4.124      | PV       | 255            | 5325         | 0.06%          | 0.002%        |
| 9         | 4.148       | 4.124        | 4.228      | VV       | 853            | 17826        | 0.20%          | 0.007%        |
| 10        | 4.237       | 4.228        | 4.282      | VV       | 158            | 2877         | 0.03%          | 0.001%        |
| 11        | 4.291       | 4.282        | 4.302      | VV       | 115            | 1093         | 0.01%          | 0.000%        |
| 12        | 4.331       | 4.302        | 4.339      | VV       | 341            | 3823         | 0.04%          | 0.002%        |
| 13        | 4.357       | 4.339        | 4.464      | VV       | 388            | 11490        | 0.13%          | 0.005%        |
| 14        | 4.479       | 4.464        | 4.495      | PV       | 143            | 1353         | 0.02%          | 0.001%        |
| 15        | 4.508       | 4.495        | 4.540      | VV       | 159            | 1864         | 0.02%          | 0.001%        |
| 16        | 4.556       | 4.540        | 4.582      | VV       | 178            | 2714         | 0.03%          | 0.001%        |
| 17        | 4.592       | 4.582        | 4.614      | VV       | 141            | 1761         | 0.02%          | 0.001%        |
| 18        | 4.644       | 4.614        | 4.680      | VV       | 2708           | 28362        | 0.32%          | 0.011%        |
| 19        | 4.701       | 4.680        | 4.744      | VV       | 607            | 7662         | 0.09%          | 0.003%        |
| 20        | 4.779       | 4.744        | 4.825      | VV       | 781            | 13694        | 0.15%          | 0.005%        |
| 21        | 4.843       | 4.825        | 4.935      | VV       | 229            | 7896         | 0.09%          | 0.003%        |
| 22        | 4.943       | 4.935        | 4.962      | VV       | 196            | 2154         | 0.02%          | 0.001%        |
| 23        | 4.971       | 4.962        | 4.999      | VV       | 178            | 2477         | 0.03%          | 0.001%        |
| 24        | 5.008       | 4.999        | 5.034      | VV       | 180            | 1837         | 0.02%          | 0.001%        |
| 25        | 5.040       | 5.034        | 5.090      | VV       | 230            | 2665         | 0.03%          | 0.001%        |
| 26        | 5.131       | 5.090        | 5.169      | PV       | 332            | 7636         | 0.08%          | 0.003%        |
| 27        | 5.190       | 5.169        | 5.223      | VV       | 349            | 4508         | 0.05%          | 0.002%        |
| 28        | 5.244       | 5.223        | 5.274      | VV       | 274            | 4526         | 0.05%          | 0.002%        |
| 29        | 5.298       | 5.274        | 5.317      | VV       | 276            | 3881         | 0.04%          | 0.002%        |
| 30        | 5.326       | 5.317        | 5.354      | VV       | 153            | 2148         | 0.02%          | 0.001%        |
| 31        | 5.378       | 5.354        | 5.389      | VV       | 163            | 2521         | 0.03%          | 0.001%        |
| 32        | 5.411       | 5.389        | 5.464      | VV       | 648            | 9434         | 0.10%          | 0.004%        |
| 33        | 5.476       | 5.464        | 5.527      | VV       | 131            | 2221         | 0.02%          | 0.001%        |
| 34        | 5.588       | 5.527        | 5.619      | PV       | 170            | 4756         | 0.05%          | 0.002%        |
| 35        | 5.630       | 5.619        | 5.645      | VV       | 345            | 3932         | 0.04%          | 0.002%        |
| 36        | 5.656       | 5.645        | 5.725      | VV       | 227            | 5632         | 0.06%          | 0.002%        |

|    |       |       |       |    | rteres |        |       |        |
|----|-------|-------|-------|----|--------|--------|-------|--------|
| 37 | 5.741 | 5.725 | 5.757 | VV | 184    | 1624   | 0.02% | 0.001% |
| 38 | 5.777 | 5.757 | 5.814 | VV | 190    | 2172   | 0.02% | 0.001% |
| 39 | 5.821 | 5.814 | 5.847 | VV | 135    | 1263   | 0.01% | 0.001% |
| 40 | 5.862 | 5.847 | 5.883 | VV | 548    | 7556   | 0.08% | 0.003% |
| 41 | 5.900 | 5.883 | 5.914 | VV | 716    | 8418   | 0.09% | 0.003% |
| 42 | 5.922 | 5.914 | 5.997 | VV | 443    | 10488  | 0.12% | 0.004% |
| 43 | 6.005 | 5.997 | 6.024 | VV | 154    | 1684   | 0.02% | 0.001% |
| 44 | 6.034 | 6.024 | 6.062 | VV | 195    | 2050   | 0.02% | 0.001% |
| 45 | 6.070 | 6.062 | 6.114 | VV | 158    | 3527   | 0.04% | 0.001% |
| 46 | 6.148 | 6.114 | 6.207 | VV | 1299   | 22613  | 0.25% | 0.009% |
| 47 | 6.276 | 6.207 | 6.327 | VV | 1950   | 32068  | 0.36% | 0.013% |
| 48 | 6.336 | 6.327 | 6.350 | VV | 195    | 2694   | 0.03% | 0.001% |
| 49 | 6.355 | 6.350 | 6.384 | VV | 165    | 3273   | 0.04% | 0.001% |
| 50 | 6.412 | 6.384 | 6.437 | VV | 866    | 12714  | 0.14% | 0.005% |
| 51 | 6.451 | 6.437 | 6.475 | VV | 375    | 6930   | 0.08% | 0.003% |
| 52 | 6.483 | 6.475 | 6.494 | VV | 320    | 3243   | 0.04% | 0.001% |
| 53 | 6.511 | 6.494 | 6.531 | VV | 342    | 6395   | 0.07% | 0.003% |
| 54 | 6.562 | 6.531 | 6.612 | VV | 623    | 16345  | 0.18% | 0.006% |
| 55 | 6.631 | 6.612 | 6.659 | VV | 270    | 4019   | 0.04% | 0.002% |
| 56 | 6.712 | 6.659 | 6.748 | PV | 311    | 9710   | 0.11% | 0.004% |
| 57 | 6.770 | 6.748 | 6.811 | VV | 301    | 5181   | 0.06% | 0.002% |
| 58 | 6.840 | 6.826 | 6.862 | PV | 257    | 3047   | 0.03% | 0.001% |
| 59 | 6.907 | 6.862 | 6.928 | VV | 270    | 5979   | 0.07% | 0.002% |
| 60 | 6.945 | 6.928 | 6.965 | VV | 187    | 2857   | 0.03% | 0.001% |
| 61 | 6.974 | 6.965 | 7.002 | VV | 246    | 3197   | 0.04% | 0.001% |
| 62 | 7.007 | 7.002 | 7.026 | VV | 177    | 1756   | 0.02% | 0.001% |
| 63 | 7.041 | 7.026 | 7.054 | VV | 286    | 2961   | 0.03% | 0.001% |
| 64 | 7.073 | 7.054 | 7.082 | VV | 347    | 4507   | 0.05% | 0.002% |
| 65 | 7.093 | 7.082 | 7.112 | VV | 327    | 4709   | 0.05% | 0.002% |
| 66 | 7.125 | 7.112 | 7.159 | VV | 278    | 5051   | 0.06% | 0.002% |
| 67 | 7.197 | 7.159 | 7.249 | VV | 1334   | 24719  | 0.28% | 0.010% |
| 68 | 7.262 | 7.249 | 7.284 | VV | 409    | 6055   | 0.07% | 0.002% |
| 69 | 7.292 | 7.284 | 7.304 | VV | 316    | 2790   | 0.03% | 0.001% |
| 70 | 7.331 | 7.304 | 7.349 | VV | 982    | 13437  | 0.15% | 0.005% |
| 71 | 7.357 | 7.349 | 7.384 | VV | 488    | 8183   | 0.09% | 0.003% |
| 72 | 7.391 | 7.384 | 7.439 | VV | 322    | 7149   | 0.08% | 0.003% |
| 73 | 7.483 | 7.439 | 7.525 | VV | 580    | 14156  | 0.16% | 0.006% |
| 74 | 7.537 | 7.525 | 7.562 | VV | 217    | 2551   | 0.03% | 0.001% |
| 75 | 7.581 | 7.562 | 7.592 | VV | 168    | 1656   | 0.02% | 0.001% |
| 76 | 7.618 | 7.592 | 7.637 | PV | 221    | 3369   | 0.04% | 0.001% |
| 77 | 7.660 | 7.637 | 7.727 | VV | 289    | 7223   | 0.08% | 0.003% |
| 78 | 7.889 | 7.864 | 7.985 | VV | 2475   | 85505  | 0.95% | 0.034% |
| 79 | 8.000 | 7.985 | 8.026 | VV | 498    | 8438   | 0.09% | 0.003% |
| 80 | 8.051 | 8.026 | 8.069 | VV | 421    | 8388   | 0.09% | 0.003% |
| 81 | 8.075 | 8.069 | 8.085 | VV | 451    | 3839   | 0.04% | 0.002% |
| 82 | 8.099 | 8.085 | 8.147 | VV | 445    | 10315  | 0.11% | 0.004% |
| 83 | 8.171 | 8.147 | 8.204 | VV | 1052   | 18070  | 0.20% | 0.007% |
| 84 | 8.243 | 8.204 | 8.269 | VV | 816    | 23814  | 0.26% | 0.009% |
| 85 | 8.288 | 8.269 | 8.301 | VV | 1781   | 25884  | 0.29% | 0.010% |
| 86 | 8.313 | 8.301 | 8.330 | VV | 1765   | 24175  | 0.27% | 0.010% |
| 87 | 8.345 | 8.330 | 8.382 | VV | 1687   | 26761  | 0.30% | 0.011% |
| 88 | 8.411 | 8.382 | 8.451 | VV | 21596  | 221636 | 2.47% | 0.088% |
| 89 | 8.473 | 8.451 | 8.497 | VV | 3528   | 44946  | 0.50% | 0.018% |

|     |        |        |        |    |        |        |       |        |
|-----|--------|--------|--------|----|--------|--------|-------|--------|
|     |        |        |        |    | rteres |        |       |        |
| 90  | 8.520  | 8.497  | 8.552  | VV | 904    | 16413  | 0.18% | 0.007% |
| 91  | 8.576  | 8.552  | 8.612  | VV | 438    | 6773   | 0.08% | 0.003% |
| 92  | 8.629  | 8.612  | 8.640  | PV | 237    | 1902   | 0.02% | 0.001% |
| 93  | 8.765  | 8.745  | 8.802  | VV | 3659   | 64146  | 0.71% | 0.025% |
| 94  | 8.815  | 8.802  | 8.845  | VV | 1306   | 25654  | 0.29% | 0.010% |
| 95  | 8.857  | 8.845  | 8.865  | VV | 974    | 10349  | 0.12% | 0.004% |
| 96  | 8.881  | 8.865  | 8.904  | VV | 1775   | 25102  | 0.28% | 0.010% |
| 97  | 8.921  | 8.904  | 8.945  | VV | 609    | 10722  | 0.12% | 0.004% |
| 98  | 8.964  | 8.945  | 8.987  | VV | 647    | 12159  | 0.14% | 0.005% |
| 99  | 9.003  | 8.987  | 9.017  | VV | 702    | 9804   | 0.11% | 0.004% |
| 100 | 9.038  | 9.017  | 9.070  | VV | 1513   | 31517  | 0.35% | 0.012% |
| 101 | 9.079  | 9.070  | 9.107  | VV | 905    | 16109  | 0.18% | 0.006% |
| 102 | 9.113  | 9.107  | 9.136  | VV | 645    | 8505   | 0.09% | 0.003% |
| 103 | 9.165  | 9.136  | 9.199  | VV | 1936   | 31528  | 0.35% | 0.012% |
| 104 | 9.211  | 9.199  | 9.234  | VV | 611    | 8166   | 0.09% | 0.003% |
| 105 | 9.252  | 9.234  | 9.289  | VV | 479    | 8563   | 0.10% | 0.003% |
| 106 | 9.345  | 9.289  | 9.369  | PV | 1555   | 37686  | 0.42% | 0.015% |
| 107 | 9.382  | 9.369  | 9.392  | VV | 447    | 5810   | 0.06% | 0.002% |
| 108 | 9.409  | 9.392  | 9.439  | VV | 725    | 13203  | 0.15% | 0.005% |
| 109 | 9.460  | 9.439  | 9.485  | VV | 474    | 7036   | 0.08% | 0.003% |
| 110 | 9.545  | 9.485  | 9.598  | VV | 1735   | 51294  | 0.57% | 0.020% |
| 111 | 9.622  | 9.598  | 9.642  | VV | 1081   | 18008  | 0.20% | 0.007% |
| 112 | 9.693  | 9.642  | 9.710  | VV | 1138   | 27090  | 0.30% | 0.011% |
| 113 | 9.719  | 9.710  | 9.747  | VV | 705    | 8722   | 0.10% | 0.003% |
| 114 | 9.782  | 9.747  | 9.795  | VV | 784    | 12243  | 0.14% | 0.005% |
| 115 | 9.808  | 9.795  | 9.839  | VV | 505    | 8696   | 0.10% | 0.003% |
| 116 | 9.864  | 9.839  | 9.887  | VV | 1283   | 25173  | 0.28% | 0.010% |
| 117 | 9.900  | 9.887  | 9.924  | VV | 912    | 18103  | 0.20% | 0.007% |
| 118 | 9.940  | 9.924  | 9.956  | VV | 2335   | 29336  | 0.33% | 0.012% |
| 119 | 9.972  | 9.956  | 10.017 | VV | 1333   | 32863  | 0.37% | 0.013% |
| 120 | 10.035 | 10.017 | 10.075 | VV | 610    | 14931  | 0.17% | 0.006% |
| 121 | 10.086 | 10.075 | 10.099 | VV | 246    | 2511   | 0.03% | 0.001% |
| 122 | 10.120 | 10.099 | 10.167 | VV | 612    | 13326  | 0.15% | 0.005% |
| 123 | 10.187 | 10.167 | 10.195 | PV | 300    | 3344   | 0.04% | 0.001% |
| 124 | 10.216 | 10.195 | 10.239 | VV | 504    | 7049   | 0.08% | 0.003% |
| 125 | 10.288 | 10.239 | 10.305 | VV | 978    | 21546  | 0.24% | 0.009% |
| 126 | 10.329 | 10.305 | 10.359 | VV | 2077   | 36893  | 0.41% | 0.015% |
| 127 | 10.392 | 10.359 | 10.407 | VV | 1433   | 26478  | 0.29% | 0.010% |
| 128 | 10.419 | 10.407 | 10.447 | VV | 1171   | 20438  | 0.23% | 0.008% |
| 129 | 10.473 | 10.447 | 10.501 | VV | 1274   | 25273  | 0.28% | 0.010% |
| 130 | 10.603 | 10.501 | 10.634 | VV | 1684   | 63781  | 0.71% | 0.025% |
| 131 | 10.674 | 10.634 | 10.697 | VV | 3177   | 63086  | 0.70% | 0.025% |
| 132 | 10.707 | 10.697 | 10.724 | VV | 1192   | 13908  | 0.15% | 0.006% |
| 133 | 10.746 | 10.724 | 10.827 | VV | 3264   | 77320  | 0.86% | 0.031% |
| 134 | 10.841 | 10.827 | 10.855 | VV | 789    | 8244   | 0.09% | 0.003% |
| 135 | 10.893 | 10.855 | 10.909 | VV | 832    | 16324  | 0.18% | 0.006% |
| 136 | 10.943 | 10.909 | 10.983 | VV | 16629  | 202572 | 2.25% | 0.080% |
| 137 | 11.018 | 10.983 | 11.050 | VV | 9734   | 134238 | 1.49% | 0.053% |
| 138 | 11.067 | 11.050 | 11.082 | VV | 1414   | 22269  | 0.25% | 0.009% |
| 139 | 11.096 | 11.082 | 11.117 | VV | 1287   | 18592  | 0.21% | 0.007% |
| 140 | 11.127 | 11.117 | 11.138 | VV | 639    | 6367   | 0.07% | 0.003% |
| 141 | 11.151 | 11.138 | 11.165 | VV | 548    | 6872   | 0.08% | 0.003% |

|     |        |        |        |    | rteres |         |        |        |
|-----|--------|--------|--------|----|--------|---------|--------|--------|
| 142 | 11.184 | 11.165 | 11.214 | VV | 508    | 11362   | 0.13%  | 0.005% |
| 143 | 11.242 | 11.214 | 11.265 | VV | 938    | 17447   | 0.19%  | 0.007% |
| 144 | 11.307 | 11.265 | 11.320 | VV | 1250   | 22808   | 0.25%  | 0.009% |
| 145 | 11.342 | 11.320 | 11.355 | VV | 1107   | 19580   | 0.22%  | 0.008% |
|     |        |        |        |    |        |         |        |        |
| 146 | 11.375 | 11.355 | 11.417 | VV | 3039   | 54121   | 0.60%  | 0.021% |
| 147 | 11.468 | 11.417 | 11.505 | VV | 3902   | 73912   | 0.82%  | 0.029% |
| 148 | 11.535 | 11.505 | 11.555 | VV | 1220   | 17377   | 0.19%  | 0.007% |
| 149 | 11.571 | 11.555 | 11.586 | VV | 671    | 8670    | 0.10%  | 0.003% |
| 150 | 11.596 | 11.586 | 11.606 | VV | 611    | 6931    | 0.08%  | 0.003% |
|     |        |        |        |    |        |         |        |        |
| 151 | 11.632 | 11.606 | 11.654 | VV | 759    | 16765   | 0.19%  | 0.007% |
| 152 | 11.703 | 11.654 | 11.730 | VV | 468548 | 4989694 | 55.52% | 1.978% |
| 153 | 11.742 | 11.730 | 11.757 | VV | 3939   | 45089   | 0.50%  | 0.018% |
| 154 | 11.774 | 11.757 | 11.812 | VV | 6242   | 89316   | 0.99%  | 0.035% |
| 155 | 11.857 | 11.812 | 11.877 | VV | 6809   | 124551  | 1.39%  | 0.049% |
|     |        |        |        |    |        |         |        |        |
| 156 | 11.891 | 11.877 | 11.906 | VV | 3599   | 42920   | 0.48%  | 0.017% |
| 157 | 11.922 | 11.906 | 11.952 | VV | 4356   | 56891   | 0.63%  | 0.023% |
| 158 | 11.985 | 11.952 | 11.998 | VV | 711    | 13945   | 0.16%  | 0.006% |
| 159 | 12.040 | 11.998 | 12.069 | VV | 2810   | 59842   | 0.67%  | 0.024% |
| 160 | 12.102 | 12.069 | 12.119 | VV | 1429   | 30562   | 0.34%  | 0.012% |
|     |        |        |        |    |        |         |        |        |
| 161 | 12.141 | 12.119 | 12.189 | VV | 1271   | 34403   | 0.38%  | 0.014% |
| 162 | 12.210 | 12.189 | 12.228 | VV | 2369   | 29017   | 0.32%  | 0.012% |
| 163 | 12.242 | 12.228 | 12.255 | VV | 1214   | 14741   | 0.16%  | 0.006% |
| 164 | 12.286 | 12.255 | 12.303 | VV | 1504   | 26195   | 0.29%  | 0.010% |
| 165 | 12.313 | 12.303 | 12.332 | VV | 759    | 9785    | 0.11%  | 0.004% |
|     |        |        |        |    |        |         |        |        |
| 166 | 12.355 | 12.332 | 12.372 | VV | 1106   | 15623   | 0.17%  | 0.006% |
| 167 | 12.389 | 12.372 | 12.400 | VV | 675    | 7722    | 0.09%  | 0.003% |
| 168 | 12.420 | 12.400 | 12.441 | VV | 1415   | 22663   | 0.25%  | 0.009% |
| 169 | 12.456 | 12.441 | 12.472 | VV | 1320   | 19076   | 0.21%  | 0.008% |
| 170 | 12.485 | 12.472 | 12.512 | VV | 1286   | 21509   | 0.24%  | 0.009% |
|     |        |        |        |    |        |         |        |        |
| 171 | 12.530 | 12.512 | 12.570 | VV | 2096   | 43914   | 0.49%  | 0.017% |
| 172 | 12.596 | 12.570 | 12.617 | PV | 3202   | 47774   | 0.53%  | 0.019% |
| 173 | 12.639 | 12.617 | 12.657 | VV | 5316   | 68552   | 0.76%  | 0.027% |
| 174 | 12.677 | 12.657 | 12.725 | VV | 4943   | 101377  | 1.13%  | 0.040% |
| 175 | 12.756 | 12.725 | 12.840 | VV | 95612  | 1093996 | 12.17% | 0.434% |
|     |        |        |        |    |        |         |        |        |
| 176 | 12.856 | 12.840 | 12.865 | VV | 673    | 7400    | 0.08%  | 0.003% |
| 177 | 12.905 | 12.865 | 12.923 | VV | 2001   | 47215   | 0.53%  | 0.019% |
| 178 | 12.943 | 12.923 | 12.958 | VV | 3166   | 45303   | 0.50%  | 0.018% |
| 179 | 12.966 | 12.958 | 12.982 | VV | 2147   | 24433   | 0.27%  | 0.010% |
| 180 | 13.000 | 12.982 | 13.025 | VV | 1342   | 23109   | 0.26%  | 0.009% |
|     |        |        |        |    |        |         |        |        |
| 181 | 13.055 | 13.025 | 13.087 | PV | 81803  | 907780  | 10.10% | 0.360% |
| 182 | 13.127 | 13.087 | 13.190 | VV | 343622 | 4195131 | 46.68% | 1.663% |
| 183 | 13.202 | 13.190 | 13.210 | VV | 1518   | 17177   | 0.19%  | 0.007% |
| 184 | 13.227 | 13.210 | 13.246 | VV | 3333   | 44488   | 0.50%  | 0.018% |
| 185 | 13.257 | 13.246 | 13.273 | VV | 1384   | 15060   | 0.17%  | 0.006% |
|     |        |        |        |    |        |         |        |        |
| 186 | 13.290 | 13.273 | 13.303 | VV | 2345   | 25481   | 0.28%  | 0.010% |
| 187 | 13.322 | 13.303 | 13.365 | VV | 4684   | 90090   | 1.00%  | 0.036% |
| 188 | 13.381 | 13.365 | 13.430 | VV | 2448   | 43207   | 0.48%  | 0.017% |
| 189 | 13.450 | 13.430 | 13.489 | PV | 2544   | 45639   | 0.51%  | 0.018% |
| 190 | 13.514 | 13.489 | 13.547 | VV | 6111   | 101515  | 1.13%  | 0.040% |
|     |        |        |        |    |        |         |        |        |
| 191 | 13.556 | 13.547 | 13.585 | VV | 713    | 8622    | 0.10%  | 0.003% |
| 192 | 13.640 | 13.585 | 13.676 | PV | 11702  | 194157  | 2.16%  | 0.077% |
| 193 | 13.709 | 13.676 | 13.730 | VV | 1924   | 37339   | 0.42%  | 0.015% |
| 194 | 13.751 | 13.730 | 13.769 | VV | 4209   | 53604   | 0.60%  | 0.021% |

|     |        |        |        |    |        |         |        |        |
|-----|--------|--------|--------|----|--------|---------|--------|--------|
|     |        |        |        |    | rteres |         |        |        |
| 195 | 13.789 | 13.769 | 13.811 | VV | 7385   | 92269   | 1.03%  | 0.037% |
| 196 | 13.828 | 13.811 | 13.850 | VV | 4547   | 56314   | 0.63%  | 0.022% |
| 197 | 13.874 | 13.850 | 13.890 | VV | 4958   | 76070   | 0.85%  | 0.030% |
| 198 | 13.918 | 13.890 | 13.941 | VV | 7900   | 128881  | 1.43%  | 0.051% |
| 199 | 13.960 | 13.941 | 14.005 | VV | 6765   | 97234   | 1.08%  | 0.039% |
| 200 | 14.030 | 14.005 | 14.050 | VV | 848    | 14809   | 0.16%  | 0.006% |
| 201 | 14.111 | 14.050 | 14.129 | PV | 1189   | 34187   | 0.38%  | 0.014% |
| 202 | 14.172 | 14.129 | 14.205 | VV | 1571   | 39109   | 0.44%  | 0.016% |
| 203 | 14.311 | 14.205 | 14.327 | PV | 2542   | 69989   | 0.78%  | 0.028% |
| 204 | 14.347 | 14.327 | 14.355 | VV | 2258   | 33864   | 0.38%  | 0.013% |
| 205 | 14.377 | 14.355 | 14.412 | VV | 9173   | 141135  | 1.57%  | 0.056% |
| 206 | 14.436 | 14.412 | 14.456 | VV | 2398   | 36572   | 0.41%  | 0.014% |
| 207 | 14.475 | 14.456 | 14.485 | VV | 2223   | 28914   | 0.32%  | 0.011% |
| 208 | 14.493 | 14.485 | 14.522 | VV | 2041   | 34719   | 0.39%  | 0.014% |
| 209 | 14.553 | 14.522 | 14.595 | VV | 8442   | 164649  | 1.83%  | 0.065% |
| 210 | 14.616 | 14.595 | 14.640 | VV | 12793  | 179441  | 2.00%  | 0.071% |
| 211 | 14.681 | 14.640 | 14.714 | VV | 6446   | 134321  | 1.49%  | 0.053% |
| 212 | 14.739 | 14.714 | 14.758 | VV | 1660   | 27877   | 0.31%  | 0.011% |
| 213 | 14.802 | 14.758 | 14.852 | VV | 2986   | 74848   | 0.83%  | 0.030% |
| 214 | 14.880 | 14.852 | 14.892 | PV | 1698   | 19428   | 0.22%  | 0.008% |
| 215 | 14.926 | 14.892 | 14.947 | VV | 55364  | 679222  | 7.56%  | 0.269% |
| 216 | 14.967 | 14.947 | 14.998 | VV | 53551  | 655055  | 7.29%  | 0.260% |
| 217 | 15.018 | 14.998 | 15.040 | VV | 2207   | 34858   | 0.39%  | 0.014% |
| 218 | 15.088 | 15.040 | 15.109 | VV | 8831   | 151560  | 1.69%  | 0.060% |
| 219 | 15.118 | 15.109 | 15.144 | VV | 2840   | 45883   | 0.51%  | 0.018% |
| 220 | 15.158 | 15.144 | 15.202 | VV | 2106   | 43001   | 0.48%  | 0.017% |
| 221 | 15.234 | 15.202 | 15.254 | PV | 3486   | 64486   | 0.72%  | 0.026% |
| 222 | 15.271 | 15.254 | 15.304 | VV | 3655   | 80448   | 0.90%  | 0.032% |
| 223 | 15.325 | 15.304 | 15.339 | VV | 3441   | 51172   | 0.57%  | 0.020% |
| 224 | 15.371 | 15.339 | 15.455 | VV | 16604  | 435604  | 4.85%  | 0.173% |
| 225 | 15.495 | 15.455 | 15.530 | VV | 3558   | 101440  | 1.13%  | 0.040% |
| 226 | 15.554 | 15.530 | 15.567 | VV | 3657   | 58720   | 0.65%  | 0.023% |
| 227 | 15.597 | 15.567 | 15.617 | VV | 13393  | 198758  | 2.21%  | 0.079% |
| 228 | 15.635 | 15.617 | 15.680 | VV | 6785   | 133742  | 1.49%  | 0.053% |
| 229 | 15.746 | 15.680 | 15.812 | VV | 7350   | 323863  | 3.60%  | 0.128% |
| 230 | 15.835 | 15.812 | 15.860 | VV | 5258   | 104383  | 1.16%  | 0.041% |
| 231 | 15.918 | 15.860 | 15.939 | VV | 5519   | 173449  | 1.93%  | 0.069% |
| 232 | 15.989 | 15.939 | 16.010 | VV | 6999   | 202524  | 2.25%  | 0.080% |
| 233 | 16.033 | 16.010 | 16.077 | VV | 5578   | 175333  | 1.95%  | 0.069% |
| 234 | 16.130 | 16.077 | 16.144 | VV | 3992   | 136544  | 1.52%  | 0.054% |
| 235 | 16.189 | 16.144 | 16.202 | VV | 6715   | 162817  | 1.81%  | 0.065% |
| 236 | 16.217 | 16.202 | 16.249 | VV | 6750   | 164489  | 1.83%  | 0.065% |
| 237 | 16.290 | 16.249 | 16.320 | VV | 7823   | 273129  | 3.04%  | 0.108% |
| 238 | 16.340 | 16.320 | 16.357 | VV | 6170   | 124510  | 1.39%  | 0.049% |
| 239 | 16.394 | 16.357 | 16.441 | VV | 10225  | 385171  | 4.29%  | 0.153% |
| 240 | 16.482 | 16.441 | 16.500 | VV | 63878  | 1020866 | 11.36% | 0.405% |
| 241 | 16.510 | 16.500 | 16.554 | VV | 29662  | 475529  | 5.29%  | 0.188% |
| 242 | 16.613 | 16.554 | 16.635 | VV | 17758  | 494380  | 5.50%  | 0.196% |
| 243 | 16.649 | 16.635 | 16.689 | VV | 9741   | 297991  | 3.32%  | 0.118% |
| 244 | 16.701 | 16.689 | 16.717 | VV | 9275   | 148524  | 1.65%  | 0.059% |
| 245 | 16.804 | 16.717 | 16.835 | VV | 41528  | 1163095 | 12.94% | 0.461% |
| 246 | 16.862 | 16.835 | 16.899 | VV | 52362  | 906170  | 10.08% | 0.359% |

| rteres |        |        |        |    |        |         |        |        |
|--------|--------|--------|--------|----|--------|---------|--------|--------|
| 247    | 16.937 | 16.899 | 16.947 | VV | 18634  | 410203  | 4.56%  | 0.163% |
| 248    | 16.967 | 16.947 | 17.005 | VV | 26445  | 718471  | 7.99%  | 0.285% |
| 249    | 17.012 | 17.005 | 17.034 | VV | 16577  | 253350  | 2.82%  | 0.100% |
| 250    | 17.075 | 17.034 | 17.085 | VV | 15117  | 442648  | 4.93%  | 0.175% |
| 251    | 17.120 | 17.085 | 17.139 | VV | 16906  | 512201  | 5.70%  | 0.203% |
| 252    | 17.173 | 17.139 | 17.181 | VV | 17472  | 418228  | 4.65%  | 0.166% |
| 253    | 17.222 | 17.181 | 17.238 | VV | 19200  | 622927  | 6.93%  | 0.247% |
| 254    | 17.267 | 17.238 | 17.289 | VV | 21081  | 570577  | 6.35%  | 0.226% |
| 255    | 17.385 | 17.289 | 17.410 | VV | 29053  | 1551594 | 17.26% | 0.615% |
| 256    | 17.445 | 17.410 | 17.457 | VV | 22214  | 579314  | 6.45%  | 0.230% |
| 257    | 17.472 | 17.457 | 17.494 | VV | 23034  | 483278  | 5.38%  | 0.192% |
| 258    | 17.520 | 17.494 | 17.542 | VV | 26805  | 692268  | 7.70%  | 0.274% |
| 259    | 17.570 | 17.542 | 17.595 | VV | 25144  | 755204  | 8.40%  | 0.299% |
| 260    | 17.609 | 17.595 | 17.618 | VV | 23971  | 313350  | 3.49%  | 0.124% |
| 261    | 17.663 | 17.618 | 17.679 | VV | 26044  | 905701  | 10.08% | 0.359% |
| 262    | 17.701 | 17.679 | 17.711 | VV | 26526  | 486228  | 5.41%  | 0.193% |
| 263    | 17.748 | 17.711 | 17.767 | VV | 29546  | 941502  | 10.48% | 0.373% |
| 264    | 17.824 | 17.767 | 17.867 | VV | 39133  | 1942392 | 21.61% | 0.770% |
| 265    | 17.893 | 17.867 | 17.902 | VV | 30349  | 613265  | 6.82%  | 0.243% |
| 266    | 17.916 | 17.902 | 17.924 | VV | 31430  | 401165  | 4.46%  | 0.159% |
| 267    | 17.987 | 17.924 | 18.060 | VV | 45650  | 2920134 | 32.49% | 1.157% |
| 268    | 18.088 | 18.060 | 18.112 | VV | 34395  | 1026760 | 11.42% | 0.407% |
| 269    | 18.142 | 18.112 | 18.175 | VV | 41733  | 1423849 | 15.84% | 0.564% |
| 270    | 18.233 | 18.175 | 18.262 | VV | 66226  | 2489858 | 27.70% | 0.987% |
| 271    | 18.274 | 18.262 | 18.297 | VV | 42049  | 867404  | 9.65%  | 0.344% |
| 272    | 18.318 | 18.297 | 18.329 | VV | 42338  | 779019  | 8.67%  | 0.309% |
| 273    | 18.356 | 18.329 | 18.380 | VV | 55691  | 1511539 | 16.82% | 0.599% |
| 274    | 18.392 | 18.380 | 18.412 | VV | 47405  | 869120  | 9.67%  | 0.344% |
| 275    | 18.419 | 18.412 | 18.452 | VV | 44061  | 1036399 | 11.53% | 0.411% |
| 276    | 18.487 | 18.452 | 18.512 | VV | 66424  | 1834218 | 20.41% | 0.727% |
| 277    | 18.534 | 18.512 | 18.550 | VV | 44986  | 1014482 | 11.29% | 0.402% |
| 278    | 18.565 | 18.550 | 18.587 | VV | 45556  | 976401  | 10.86% | 0.387% |
| 279    | 18.652 | 18.587 | 18.687 | VV | 55052  | 2907457 | 32.35% | 1.152% |
| 280    | 18.774 | 18.687 | 18.794 | VV | 58498  | 3270102 | 36.39% | 1.296% |
| 281    | 18.822 | 18.794 | 18.842 | VV | 61885  | 1659402 | 18.46% | 0.658% |
| 282    | 18.912 | 18.842 | 18.930 | VV | 60917  | 3031212 | 33.73% | 1.201% |
| 283    | 18.960 | 18.930 | 18.970 | VV | 61881  | 1448090 | 16.11% | 0.574% |
| 284    | 19.044 | 18.970 | 19.077 | VV | 73836  | 4300353 | 47.85% | 1.704% |
| 285    | 19.102 | 19.077 | 19.125 | VV | 73194  | 1991976 | 22.16% | 0.790% |
| 286    | 19.169 | 19.125 | 19.199 | VV | 71300  | 3010045 | 33.49% | 1.193% |
| 287    | 19.206 | 19.199 | 19.220 | VV | 67393  | 874253  | 9.73%  | 0.347% |
| 288    | 19.249 | 19.220 | 19.264 | VV | 69638  | 1768025 | 19.67% | 0.701% |
| 289    | 19.355 | 19.264 | 19.368 | VV | 76424  | 4577152 | 50.93% | 1.814% |
| 290    | 19.381 | 19.368 | 19.388 | VV | 78162  | 926794  | 10.31% | 0.367% |
| 291    | 19.436 | 19.388 | 19.460 | VV | 86990  | 3474053 | 38.66% | 1.377% |
| 292    | 19.482 | 19.460 | 19.494 | VV | 84791  | 1698402 | 18.90% | 0.673% |
| 293    | 19.513 | 19.494 | 19.531 | VV | 84414  | 1897226 | 21.11% | 0.752% |
| 294    | 19.575 | 19.531 | 19.612 | VV | 88507  | 4177370 | 46.48% | 1.656% |
| 295    | 19.638 | 19.612 | 19.686 | VV | 93708  | 3964043 | 44.11% | 1.571% |
| 296    | 19.707 | 19.686 | 19.742 | VV | 93116  | 3066936 | 34.13% | 1.216% |
| 297    | 19.804 | 19.742 | 19.840 | VV | 102995 | 5529747 | 61.53% | 2.192% |
| 298    | 19.866 | 19.840 | 19.894 | VV | 101775 | 3187563 | 35.47% | 1.263% |
| 299    | 19.932 | 19.894 | 19.944 | VV | 103554 | 2997769 | 33.36% | 1.188% |

| rteres                  |        |        |        |     |        |           |         |        |
|-------------------------|--------|--------|--------|-----|--------|-----------|---------|--------|
| 300                     | 20.025 | 19.944 | 20.045 | VV  | 110831 | 6481330   | 72.12%  | 2.569% |
| 301                     | 20.096 | 20.045 | 20.146 | VV  | 118525 | 6823638   | 75.93%  | 2.705% |
| 302                     | 20.173 | 20.146 | 20.195 | VV  | 122385 | 3505856   | 39.01%  | 1.390% |
| 303                     | 20.254 | 20.195 | 20.274 | VV  | 124226 | 5640342   | 62.76%  | 2.236% |
| 304                     | 20.368 | 20.274 | 20.390 | VV  | 134690 | 8987163   | 100.00% | 3.562% |
| 305                     | 20.400 | 20.390 | 20.495 | VV  | 134115 | 7986867   | 88.87%  | 3.166% |
| 306                     | 20.531 | 20.495 | 20.568 | VV  | 130884 | 5500590   | 61.20%  | 2.180% |
| 307                     | 20.600 | 20.568 | 20.630 | VV  | 127300 | 4655624   | 51.80%  | 1.845% |
| 308                     | 20.644 | 20.630 | 20.672 | VV  | 127718 | 3139579   | 34.93%  | 1.244% |
| 309                     | 20.680 | 20.672 | 20.728 | VV  | 124824 | 4039113   | 44.94%  | 1.601% |
| 310                     | 20.738 | 20.728 | 20.774 | VV  | 115114 | 3095505   | 34.44%  | 1.227% |
| 311                     | 20.801 | 20.774 | 20.820 | VV  | 117774 | 3225689   | 35.89%  | 1.278% |
| 312                     | 20.825 | 20.820 | 20.862 | VV  | 116321 | 2845674   | 31.66%  | 1.128% |
| 313                     | 20.879 | 20.862 | 20.889 | VV  | 114494 | 1847303   | 20.55%  | 0.732% |
| 314                     | 20.920 | 20.889 | 20.947 | VV  | 121579 | 4075579   | 45.35%  | 1.615% |
| 315                     | 20.956 | 20.947 | 21.020 | VV  | 115533 | 4852936   | 54.00%  | 1.923% |
| 316                     | 21.033 | 21.020 | 21.045 | VV  | 105849 | 1552942   | 17.28%  | 0.615% |
| 317                     | 21.053 | 21.045 | 21.078 | VV  | 105874 | 2084862   | 23.20%  | 0.826% |
| 318                     | 21.172 | 21.078 | 21.207 | VV  | 110829 | 8355268   | 92.97%  | 3.312% |
| 319                     | 21.226 | 21.207 | 21.235 | VV  | 110026 | 1855894   | 20.65%  | 0.736% |
| 320                     | 21.244 | 21.235 | 21.287 | VV  | 110581 | 3385048   | 37.67%  | 1.342% |
| 321                     | 21.300 | 21.287 | 21.332 | VV  | 108216 | 2874802   | 31.99%  | 1.139% |
| 322                     | 21.359 | 21.332 | 21.435 | VV  | 108955 | 6376500   | 70.95%  | 2.527% |
| 323                     | 21.463 | 21.435 | 21.469 | VV  | 101920 | 2011007   | 22.38%  | 0.797% |
| 324                     | 21.480 | 21.469 | 21.524 | VV  | 101487 | 3304807   | 36.77%  | 1.310% |
| 325                     | 21.556 | 21.524 | 21.585 | VV  | 103608 | 3730390   | 41.51%  | 1.479% |
| 326                     | 21.592 | 21.585 | 21.639 | VV  | 99719  | 3144503   | 34.99%  | 1.246% |
| 327                     | 21.648 | 21.639 | 21.690 | VV  | 97194  | 2941384   | 32.73%  | 1.166% |
| 328                     | 21.704 | 21.690 | 21.715 | VV  | 96727  | 1427308   | 15.88%  | 0.566% |
| 329                     | 21.727 | 21.715 | 21.737 | VV  | 95204  | 1231766   | 13.71%  | 0.488% |
| 330                     | 21.770 | 21.737 | 21.811 | VV  | 97165  | 4248784   | 47.28%  | 1.684% |
| 331                     | 21.854 | 21.811 | 21.915 | VV  | 100075 | 5931554   | 66.00%  | 2.351% |
| 332                     | 21.922 | 21.915 | 21.959 | VV  | 88734  | 2280325   | 25.37%  | 0.904% |
| 333                     | 21.984 | 21.959 | 22.000 | VBA | 86470  | 2234508   | 24.86%  | 0.886% |
| Sum of corrected areas: |        |        |        |     |        | 252305849 |         |        |

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