

rteres

## Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE080525AL\  
 Data File : FE055136.D  
 Signal(s) : FID1B.ch  
 Acq On : 05 Aug 2025 17:55  
 Sample : Q2760-01  
 Misc :  
 ALS Vial : 19 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 080125.M  
 Title : GC Extractables

Signal : FID1B.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         | 2.837       | 2.805        | 2.877      | BV       | 337            | 4267         | 0.06%          | 0.002%        |
| 2         | 2.903       | 2.877        | 2.918      | VV       | 120            | 1815         | 0.02%          | 0.001%        |
| 3         | 2.931       | 2.918        | 3.008      | VV       | 99             | 3349         | 0.04%          | 0.002%        |
| 4         | 3.052       | 3.008        | 3.068      | PV       | 177            | 3012         | 0.04%          | 0.002%        |
| 5         | 3.077       | 3.068        | 3.090      | VV       | 123            | 827          | 0.01%          | 0.000%        |
| 6         | 3.116       | 3.090        | 3.135      | VV       | 158            | 2904         | 0.04%          | 0.002%        |
| 7         | 3.157       | 3.135        | 3.178      | VV       | 235            | 2642         | 0.03%          | 0.001%        |
| 8         | 3.194       | 3.178        | 3.215      | PV       | 110            | 1649         | 0.02%          | 0.001%        |
| 9         | 3.232       | 3.215        | 3.251      | VV       | 167            | 1875         | 0.02%          | 0.001%        |
| 10        | 3.268       | 3.251        | 3.285      | VV       | 311            | 3727         | 0.05%          | 0.002%        |
| 11        | 3.304       | 3.285        | 3.318      | VV       | 274            | 4289         | 0.06%          | 0.002%        |
| 12        | 3.328       | 3.318        | 3.338      | VV       | 173            | 1806         | 0.02%          | 0.001%        |
| 13        | 3.347       | 3.338        | 3.369      | VV       | 141            | 1816         | 0.02%          | 0.001%        |
| 14        | 3.378       | 3.369        | 3.390      | VV       | 89             | 790          | 0.01%          | 0.000%        |
| 15        | 3.422       | 3.390        | 3.518      | VV       | 362            | 9217         | 0.12%          | 0.005%        |
| 16        | 3.568       | 3.518        | 3.585      | VV       | 234            | 3899         | 0.05%          | 0.002%        |
| 17        | 3.604       | 3.585        | 3.621      | VV       | 172            | 3083         | 0.04%          | 0.002%        |
| 18        | 3.637       | 3.621        | 3.647      | VV       | 207            | 1857         | 0.02%          | 0.001%        |
| 19        | 3.670       | 3.647        | 3.688      | VV       | 185            | 2943         | 0.04%          | 0.002%        |
| 20        | 3.706       | 3.688        | 3.725      | VV       | 162            | 2072         | 0.03%          | 0.001%        |
| 21        | 3.740       | 3.725        | 3.790      | VV       | 293            | 5552         | 0.07%          | 0.003%        |
| 22        | 3.804       | 3.790        | 3.840      | VV       | 204            | 3594         | 0.05%          | 0.002%        |
| 23        | 3.892       | 3.840        | 3.936      | VV       | 2562           | 34458        | 0.45%          | 0.018%        |
| 24        | 3.956       | 3.936        | 3.991      | VV       | 247            | 4774         | 0.06%          | 0.002%        |
| 25        | 4.009       | 3.991        | 4.048      | VV       | 2662           | 30252        | 0.40%          | 0.016%        |
| 26        | 4.065       | 4.048        | 4.091      | VV       | 262            | 4355         | 0.06%          | 0.002%        |
| 27        | 4.113       | 4.091        | 4.179      | VV       | 575            | 14906        | 0.20%          | 0.008%        |
| 28        | 4.218       | 4.179        | 4.236      | VV       | 1083           | 16576        | 0.22%          | 0.009%        |
| 29        | 4.255       | 4.236        | 4.277      | VV       | 989            | 14348        | 0.19%          | 0.007%        |
| 30        | 4.291       | 4.277        | 4.302      | VV       | 478            | 6104         | 0.08%          | 0.003%        |
| 31        | 4.330       | 4.302        | 4.385      | VV       | 891            | 15670        | 0.21%          | 0.008%        |

|    |       |       |       |    |        |        |       |        |
|----|-------|-------|-------|----|--------|--------|-------|--------|
|    |       |       |       |    | rteres |        |       |        |
| 32 | 4.406 | 4.385 | 4.437 | VV | 1539   | 23251  | 0.31% | 0.012% |
| 33 | 4.454 | 4.437 | 4.488 | VV | 868    | 16297  | 0.21% | 0.008% |
| 34 | 4.496 | 4.488 | 4.541 | VV | 402    | 7588   | 0.10% | 0.004% |
| 35 | 4.578 | 4.541 | 4.605 | PV | 430    | 7580   | 0.10% | 0.004% |
| 36 | 4.624 | 4.605 | 4.650 | VV | 826    | 11413  | 0.15% | 0.006% |
| 37 | 4.681 | 4.650 | 4.705 | VV | 4540   | 50726  | 0.67% | 0.026% |
| 38 | 4.723 | 4.705 | 4.745 | VV | 1244   | 13278  | 0.17% | 0.007% |
| 39 | 4.760 | 4.745 | 4.780 | VV | 902    | 10631  | 0.14% | 0.006% |
| 40 | 4.795 | 4.780 | 4.824 | VV | 419    | 5621   | 0.07% | 0.003% |
| 41 | 4.858 | 4.824 | 4.883 | PV | 506    | 12054  | 0.16% | 0.006% |
| 42 | 4.901 | 4.883 | 4.918 | VV | 656    | 10075  | 0.13% | 0.005% |
| 43 | 4.931 | 4.918 | 4.949 | VV | 602    | 7930   | 0.10% | 0.004% |
| 44 | 4.967 | 4.949 | 4.982 | VV | 2119   | 20865  | 0.27% | 0.011% |
| 45 | 4.995 | 4.982 | 5.010 | VV | 1447   | 14612  | 0.19% | 0.008% |
| 46 | 5.029 | 5.010 | 5.041 | VV | 1279   | 17387  | 0.23% | 0.009% |
| 47 | 5.051 | 5.041 | 5.081 | VV | 1525   | 23434  | 0.31% | 0.012% |
| 48 | 5.101 | 5.081 | 5.118 | VV | 3067   | 34929  | 0.46% | 0.018% |
| 49 | 5.144 | 5.118 | 5.166 | VV | 2433   | 38759  | 0.51% | 0.020% |
| 50 | 5.200 | 5.166 | 5.223 | VV | 3799   | 65562  | 0.86% | 0.034% |
| 51 | 5.231 | 5.223 | 5.243 | VV | 577    | 5849   | 0.08% | 0.003% |
| 52 | 5.266 | 5.243 | 5.284 | VV | 1990   | 25242  | 0.33% | 0.013% |
| 53 | 5.300 | 5.284 | 5.321 | VV | 969    | 12969  | 0.17% | 0.007% |
| 54 | 5.360 | 5.321 | 5.374 | VV | 2135   | 27830  | 0.37% | 0.014% |
| 55 | 5.393 | 5.374 | 5.420 | VV | 4539   | 68029  | 0.89% | 0.035% |
| 56 | 5.438 | 5.420 | 5.458 | VV | 3428   | 46911  | 0.62% | 0.024% |
| 57 | 5.474 | 5.458 | 5.488 | VV | 4260   | 45161  | 0.59% | 0.023% |
| 58 | 5.503 | 5.488 | 5.546 | VV | 3780   | 51374  | 0.68% | 0.027% |
| 59 | 5.563 | 5.546 | 5.585 | PV | 422    | 5939   | 0.08% | 0.003% |
| 60 | 5.605 | 5.585 | 5.618 | VV | 2556   | 31437  | 0.41% | 0.016% |
| 61 | 5.630 | 5.618 | 5.655 | VV | 2288   | 36135  | 0.48% | 0.019% |
| 62 | 5.676 | 5.655 | 5.690 | VV | 4120   | 58369  | 0.77% | 0.030% |
| 63 | 5.703 | 5.690 | 5.722 | VV | 4446   | 52352  | 0.69% | 0.027% |
| 64 | 5.733 | 5.722 | 5.743 | VV | 1345   | 15121  | 0.20% | 0.008% |
| 65 | 5.767 | 5.743 | 5.786 | VV | 2844   | 40620  | 0.53% | 0.021% |
| 66 | 5.823 | 5.786 | 5.879 | VV | 25569  | 413139 | 5.43% | 0.215% |
| 67 | 5.895 | 5.879 | 5.933 | VV | 1576   | 26411  | 0.35% | 0.014% |
| 68 | 5.955 | 5.933 | 5.969 | VV | 1039   | 16120  | 0.21% | 0.008% |
| 69 | 5.981 | 5.969 | 5.992 | VV | 1022   | 11710  | 0.15% | 0.006% |
| 70 | 6.017 | 5.992 | 6.041 | VV | 10421  | 142186 | 1.87% | 0.074% |
| 71 | 6.051 | 6.041 | 6.067 | VV | 2978   | 30942  | 0.41% | 0.016% |
| 72 | 6.122 | 6.067 | 6.164 | VV | 11873  | 288707 | 3.80% | 0.150% |
| 73 | 6.190 | 6.164 | 6.201 | VV | 4056   | 69602  | 0.92% | 0.036% |
| 74 | 6.217 | 6.201 | 6.244 | VV | 12753  | 160699 | 2.11% | 0.083% |
| 75 | 6.258 | 6.244 | 6.281 | VV | 5011   | 76038  | 1.00% | 0.039% |
| 76 | 6.305 | 6.281 | 6.327 | VV | 6605   | 97746  | 1.29% | 0.051% |
| 77 | 6.357 | 6.327 | 6.381 | VV | 6999   | 136852 | 1.80% | 0.071% |
| 78 | 6.407 | 6.381 | 6.428 | VV | 7366   | 141439 | 1.86% | 0.073% |
| 79 | 6.455 | 6.428 | 6.477 | VV | 9044   | 159667 | 2.10% | 0.083% |

|     |       |       |       |    |        |         |        |        |
|-----|-------|-------|-------|----|--------|---------|--------|--------|
| 80  | 6.501 | 6.477 | 6.523 | VV | 11057  | 142457  | 1.87%  | 0.074% |
| 81  | 6.545 | 6.523 | 6.555 | VV | 9923   | 128868  | 1.69%  | 0.067% |
| 82  | 6.564 | 6.555 | 6.580 | VV | 10294  | 125444  | 1.65%  | 0.065% |
| 83  | 6.591 | 6.580 | 6.616 | VV | 6734   | 116878  | 1.54%  | 0.061% |
| 84  | 6.633 | 6.616 | 6.651 | VV | 8683   | 119848  | 1.58%  | 0.062% |
| 85  | 6.687 | 6.651 | 6.711 | VV | 10414  | 218365  | 2.87%  | 0.113% |
| 86  | 6.733 | 6.711 | 6.748 | VV | 5591   | 87966   | 1.16%  | 0.046% |
| 87  | 6.789 | 6.748 | 6.820 | VV | 14354  | 296896  | 3.90%  | 0.154% |
| 88  | 6.857 | 6.820 | 6.909 | VV | 58284  | 789960  | 10.39% | 0.410% |
| 89  | 6.923 | 6.909 | 6.930 | VV | 3674   | 42143   | 0.55%  | 0.022% |
| 90  | 6.950 | 6.930 | 6.961 | VV | 5724   | 83048   | 1.09%  | 0.043% |
| 91  | 6.977 | 6.961 | 6.993 | VV | 8825   | 136824  | 1.80%  | 0.071% |
| 92  | 7.011 | 6.993 | 7.043 | VV | 21671  | 319473  | 4.20%  | 0.166% |
| 93  | 7.063 | 7.043 | 7.078 | VV | 11333  | 169374  | 2.23%  | 0.088% |
| 94  | 7.087 | 7.078 | 7.102 | VV | 7412   | 83276   | 1.10%  | 0.043% |
| 95  | 7.146 | 7.102 | 7.167 | VV | 19194  | 329180  | 4.33%  | 0.171% |
| 96  | 7.207 | 7.167 | 7.240 | VV | 13127  | 338657  | 4.45%  | 0.176% |
| 97  | 7.272 | 7.240 | 7.299 | VV | 42695  | 565616  | 7.44%  | 0.294% |
| 98  | 7.311 | 7.299 | 7.322 | VV | 6180   | 72459   | 0.95%  | 0.038% |
| 99  | 7.344 | 7.322 | 7.358 | VV | 10029  | 162782  | 2.14%  | 0.085% |
| 100 | 7.392 | 7.358 | 7.416 | VV | 18622  | 410093  | 5.39%  | 0.213% |
| 101 | 7.436 | 7.416 | 7.461 | VV | 24596  | 351464  | 4.62%  | 0.183% |
| 102 | 7.481 | 7.461 | 7.493 | VV | 18163  | 249144  | 3.28%  | 0.129% |
| 103 | 7.509 | 7.493 | 7.526 | VV | 26522  | 350469  | 4.61%  | 0.182% |
| 104 | 7.539 | 7.526 | 7.563 | VV | 17448  | 250597  | 3.30%  | 0.130% |
| 105 | 7.583 | 7.563 | 7.624 | VV | 27285  | 479593  | 6.31%  | 0.249% |
| 106 | 7.644 | 7.624 | 7.669 | VV | 12780  | 248010  | 3.26%  | 0.129% |
| 107 | 7.686 | 7.669 | 7.704 | VV | 11907  | 175983  | 2.31%  | 0.091% |
| 108 | 7.726 | 7.704 | 7.751 | VV | 8554   | 213376  | 2.81%  | 0.111% |
| 109 | 7.809 | 7.751 | 7.837 | VV | 109276 | 1840611 | 24.20% | 0.956% |
| 110 | 7.854 | 7.837 | 7.872 | VV | 17011  | 276900  | 3.64%  | 0.144% |
| 111 | 7.885 | 7.872 | 7.922 | VV | 13367  | 337128  | 4.43%  | 0.175% |
| 112 | 7.934 | 7.922 | 7.957 | VV | 9547   | 181872  | 2.39%  | 0.094% |
| 113 | 7.988 | 7.957 | 8.029 | VV | 33691  | 760192  | 10.00% | 0.395% |
| 114 | 8.044 | 8.029 | 8.062 | VV | 15478  | 224302  | 2.95%  | 0.116% |
| 115 | 8.088 | 8.062 | 8.100 | VV | 11322  | 197962  | 2.60%  | 0.103% |
| 116 | 8.183 | 8.169 | 8.225 | VV | 16268  | 430574  | 5.66%  | 0.224% |
| 117 | 8.271 | 8.225 | 8.284 | VV | 21877  | 614612  | 8.08%  | 0.319% |
| 118 | 8.296 | 8.284 | 8.316 | VV | 23133  | 337500  | 4.44%  | 0.175% |
| 119 | 8.339 | 8.316 | 8.361 | VV | 30431  | 473097  | 6.22%  | 0.246% |
| 120 | 8.386 | 8.361 | 8.408 | VV | 32333  | 530318  | 6.97%  | 0.275% |
| 121 | 8.432 | 8.408 | 8.475 | VV | 37814  | 997772  | 13.12% | 0.518% |
| 122 | 8.514 | 8.475 | 8.557 | VV | 45816  | 978217  | 12.86% | 0.508% |
| 123 | 8.569 | 8.557 | 8.588 | VV | 13091  | 234404  | 3.08%  | 0.122% |
| 124 | 8.609 | 8.588 | 8.638 | VV | 26125  | 604915  | 7.95%  | 0.314% |
| 125 | 8.653 | 8.638 | 8.666 | VV | 25214  | 357526  | 4.70%  | 0.186% |
| 126 | 8.695 | 8.666 | 8.726 | VV | 161049 | 2287558 | 30.08% | 1.188% |

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|-----|--------|--------|--------|----|--------|---------|--------|--------|
|     |        |        |        |    | rteres |         |        |        |
| 127 | 8.741  | 8.726  | 8.761  | VV | 28551  | 448286  | 5.89%  | 0.233% |
| 128 | 8.806  | 8.761  | 8.828  | VV | 26637  | 808700  | 10.63% | 0.420% |
| 129 | 8.866  | 8.828  | 8.879  | VV | 29719  | 622105  | 8.18%  | 0.323% |
| 130 | 8.890  | 8.879  | 8.905  | VV | 28728  | 360783  | 4.74%  | 0.187% |
| 131 | 8.925  | 8.905  | 8.961  | VV | 36419  | 785515  | 10.33% | 0.408% |
| 132 | 9.075  | 9.043  | 9.088  | VV | 27747  | 639444  | 8.41%  | 0.332% |
| 133 | 9.121  | 9.088  | 9.133  | VV | 32069  | 755986  | 9.94%  | 0.393% |
| 134 | 9.148  | 9.133  | 9.175  | VV | 37880  | 793762  | 10.44% | 0.412% |
| 135 | 9.189  | 9.175  | 9.212  | VV | 35429  | 622866  | 8.19%  | 0.323% |
| 136 | 9.236  | 9.212  | 9.263  | VV | 84849  | 1365604 | 17.96% | 0.709% |
| 137 | 9.290  | 9.263  | 9.334  | VV | 35966  | 1021299 | 13.43% | 0.530% |
| 138 | 9.353  | 9.334  | 9.373  | VV | 30533  | 579730  | 7.62%  | 0.301% |
| 139 | 9.390  | 9.373  | 9.439  | VV | 26426  | 874933  | 11.51% | 0.454% |
| 140 | 9.472  | 9.439  | 9.491  | VV | 31135  | 794007  | 10.44% | 0.412% |
| 141 | 9.526  | 9.491  | 9.554  | VV | 235448 | 3229270 | 42.46% | 1.677% |
| 142 | 9.567  | 9.554  | 9.594  | VV | 31441  | 648256  | 8.52%  | 0.337% |
| 143 | 9.611  | 9.594  | 9.645  | VV | 32081  | 792005  | 10.41% | 0.411% |
| 144 | 9.683  | 9.645  | 9.702  | VV | 27899  | 817989  | 10.76% | 0.425% |
| 145 | 9.734  | 9.702  | 9.747  | VV | 24955  | 629904  | 8.28%  | 0.327% |
| 146 | 9.764  | 9.747  | 9.798  | VV | 31752  | 788183  | 10.36% | 0.409% |
| 147 | 9.819  | 9.798  | 9.840  | VV | 34602  | 714370  | 9.39%  | 0.371% |
| 148 | 9.861  | 9.840  | 9.876  | VV | 27214  | 546843  | 7.19%  | 0.284% |
| 149 | 9.905  | 9.876  | 9.935  | VV | 61149  | 1401687 | 18.43% | 0.728% |
| 150 | 9.947  | 9.935  | 9.960  | VV | 35849  | 496958  | 6.53%  | 0.258% |
| 151 | 9.989  | 9.960  | 10.013 | VV | 54343  | 1258485 | 16.55% | 0.654% |
| 152 | 10.034 | 10.013 | 10.055 | VV | 50527  | 938550  | 12.34% | 0.487% |
| 153 | 10.088 | 10.055 | 10.121 | VV | 51428  | 1349871 | 17.75% | 0.701% |
| 154 | 10.145 | 10.121 | 10.162 | VV | 28465  | 629962  | 8.28%  | 0.327% |
| 155 | 10.183 | 10.162 | 10.207 | VV | 49770  | 921825  | 12.12% | 0.479% |
| 156 | 10.226 | 10.207 | 10.238 | VV | 30996  | 525242  | 6.91%  | 0.273% |
| 157 | 10.268 | 10.238 | 10.286 | VV | 44912  | 1073261 | 14.11% | 0.557% |
| 158 | 10.311 | 10.286 | 10.361 | VV | 289466 | 4098276 | 53.89% | 2.128% |
| 159 | 10.379 | 10.361 | 10.404 | VV | 32061  | 789944  | 10.39% | 0.410% |
| 160 | 10.416 | 10.404 | 10.464 | VV | 32353  | 963489  | 12.67% | 0.500% |
| 161 | 10.490 | 10.464 | 10.538 | VV | 32816  | 1202520 | 15.81% | 0.624% |
| 162 | 10.589 | 10.538 | 10.609 | VV | 31456  | 1132411 | 14.89% | 0.588% |
| 163 | 10.657 | 10.609 | 10.673 | VV | 53124  | 1354101 | 17.81% | 0.703% |
| 164 | 10.701 | 10.673 | 10.732 | VV | 114874 | 2270821 | 29.86% | 1.179% |
| 165 | 10.753 | 10.732 | 10.772 | VV | 46589  | 922120  | 12.13% | 0.479% |
| 166 | 10.790 | 10.772 | 10.817 | VV | 58654  | 1128138 | 14.84% | 0.586% |
| 167 | 10.844 | 10.817 | 10.879 | VV | 59361  | 1406058 | 18.49% | 0.730% |
| 168 | 10.904 | 10.879 | 10.915 | VV | 28104  | 568124  | 7.47%  | 0.295% |
| 169 | 10.976 | 10.915 | 11.015 | VV | 37087  | 1863791 | 24.51% | 0.968% |
| 170 | 11.054 | 11.015 | 11.095 | VV | 297922 | 4573137 | 60.14% | 2.375% |
| 171 | 11.126 | 11.095 | 11.158 | VV | 128837 | 2554379 | 33.59% | 1.326% |
| 172 | 11.174 | 11.158 | 11.210 | VV | 36280  | 1012503 | 13.31% | 0.526% |
| 173 | 11.269 | 11.210 | 11.288 | VV | 30602  | 1320189 | 17.36% | 0.686% |
| 174 | 11.311 | 11.288 | 11.350 | VV | 35142  | 1169681 | 15.38% | 0.607% |

|     |        |        |        |    |                 |         |         |        |
|-----|--------|--------|--------|----|-----------------|---------|---------|--------|
| 175 | 11.392 | 11.350 | 11.414 | VV | rteres<br>48496 | 1576621 | 20.73%  | 0.819% |
| 176 | 11.448 | 11.414 | 11.489 | VV | 55848           | 1871658 | 24.61%  | 0.972% |
| 177 | 11.510 | 11.489 | 11.545 | VV | 49505           | 1209850 | 15.91%  | 0.628% |
| 178 | 11.562 | 11.545 | 11.600 | VV | 46256           | 1100561 | 14.47%  | 0.572% |
| 179 | 11.626 | 11.600 | 11.645 | VV | 30371           | 755879  | 9.94%   | 0.393% |
| 180 | 11.673 | 11.645 | 11.693 | VV | 30783           | 836077  | 10.99%  | 0.434% |
| 181 | 11.710 | 11.693 | 11.731 | VV | 32363           | 698518  | 9.19%   | 0.363% |
| 182 | 11.760 | 11.731 | 11.785 | VV | 268634          | 3667651 | 48.23%  | 1.905% |
| 183 | 11.798 | 11.785 | 11.821 | VV | 36177           | 752913  | 9.90%   | 0.391% |
| 184 | 11.852 | 11.821 | 11.899 | VV | 100794          | 2338565 | 30.75%  | 1.214% |
| 185 | 11.917 | 11.899 | 11.938 | VV | 30412           | 633983  | 8.34%   | 0.329% |
| 186 | 11.957 | 11.938 | 11.981 | VV | 29909           | 692830  | 9.11%   | 0.360% |
| 187 | 12.007 | 11.981 | 12.030 | VV | 30448           | 830333  | 10.92%  | 0.431% |
| 188 | 12.088 | 12.030 | 12.135 | VV | 524570          | 7604569 | 100.00% | 3.949% |
| 189 | 12.157 | 12.135 | 12.178 | VV | 50022           | 994503  | 13.08%  | 0.516% |
| 190 | 12.195 | 12.178 | 12.228 | VV | 41030           | 958163  | 12.60%  | 0.498% |
| 191 | 12.244 | 12.228 | 12.264 | VV | 42530           | 724046  | 9.52%   | 0.376% |
| 192 | 12.275 | 12.264 | 12.295 | VV | 29027           | 506359  | 6.66%   | 0.263% |
| 193 | 12.315 | 12.295 | 12.350 | VV | 29115           | 858253  | 11.29%  | 0.446% |
| 194 | 12.432 | 12.350 | 12.461 | VV | 228812          | 4285902 | 56.36%  | 2.226% |
| 195 | 12.474 | 12.461 | 12.495 | VV | 30262           | 576785  | 7.58%   | 0.300% |
| 196 | 12.505 | 12.495 | 12.558 | VV | 28159           | 1024694 | 13.47%  | 0.532% |
| 197 | 12.565 | 12.558 | 12.607 | VV | 25208           | 669692  | 8.81%   | 0.348% |
| 198 | 12.629 | 12.607 | 12.646 | VV | 23515           | 524495  | 6.90%   | 0.272% |
| 199 | 12.673 | 12.646 | 12.690 | VV | 52905           | 909971  | 11.97%  | 0.473% |
| 200 | 12.706 | 12.690 | 12.756 | VV | 36588           | 1222171 | 16.07%  | 0.635% |
| 201 | 12.772 | 12.756 | 12.790 | VV | 29769           | 539625  | 7.10%   | 0.280% |
| 202 | 12.812 | 12.790 | 12.831 | VV | 32638           | 700880  | 9.22%   | 0.364% |
| 203 | 12.846 | 12.831 | 12.881 | VV | 41403           | 883347  | 11.62%  | 0.459% |
| 204 | 12.898 | 12.881 | 12.915 | VV | 32472           | 537152  | 7.06%   | 0.279% |
| 205 | 12.926 | 12.915 | 12.973 | VV | 25473           | 785478  | 10.33%  | 0.408% |
| 206 | 12.995 | 12.973 | 13.014 | VV | 25328           | 564481  | 7.42%   | 0.293% |
| 207 | 13.027 | 13.014 | 13.043 | VV | 24113           | 411642  | 5.41%   | 0.214% |
| 208 | 13.074 | 13.043 | 13.121 | VV | 184195          | 2939793 | 38.66%  | 1.527% |
| 209 | 13.143 | 13.121 | 13.204 | VV | 29592           | 1143963 | 15.04%  | 0.594% |
| 210 | 13.217 | 13.204 | 13.281 | VV | 21214           | 825689  | 10.86%  | 0.429% |
| 211 | 13.329 | 13.281 | 13.349 | VV | 26036           | 840582  | 11.05%  | 0.437% |
| 212 | 13.358 | 13.349 | 13.382 | VV | 22713           | 411044  | 5.41%   | 0.213% |
| 213 | 13.397 | 13.382 | 13.417 | VV | 21302           | 394183  | 5.18%   | 0.205% |
| 214 | 13.440 | 13.417 | 13.456 | VV | 24960           | 487532  | 6.41%   | 0.253% |
| 215 | 13.470 | 13.456 | 13.488 | VV | 27001           | 444296  | 5.84%   | 0.231% |
| 216 | 13.523 | 13.488 | 13.551 | VV | 390781          | 4970585 | 65.36%  | 2.581% |
| 217 | 13.572 | 13.551 | 13.603 | VV | 23894           | 596392  | 7.84%   | 0.310% |
| 218 | 13.625 | 13.603 | 13.650 | VV | 16597           | 433277  | 5.70%   | 0.225% |
| 219 | 13.687 | 13.650 | 13.717 | VV | 126393          | 1906183 | 25.07%  | 0.990% |
| 220 | 13.734 | 13.717 | 13.744 | VV | 18304           | 275320  | 3.62%   | 0.143% |
| 221 | 13.758 | 13.744 | 13.838 | VV | 18744           | 885659  | 11.65%  | 0.460% |

|     |        |        |        |    |        |         |        |        |
|-----|--------|--------|--------|----|--------|---------|--------|--------|
|     |        |        |        |    | rteres |         |        |        |
| 222 | 13.876 | 13.838 | 13.889 | VV | 13313  | 375066  | 4.93%  | 0.195% |
| 223 | 13.916 | 13.889 | 13.945 | VV | 30960  | 715949  | 9.41%  | 0.372% |
| 224 | 13.964 | 13.945 | 13.983 | VV | 16584  | 354660  | 4.66%  | 0.184% |
| 225 | 13.995 | 13.983 | 14.014 | VV | 14912  | 248221  | 3.26%  | 0.129% |
| 226 | 14.035 | 14.014 | 14.051 | VV | 15787  | 301748  | 3.97%  | 0.157% |
| 227 | 14.069 | 14.051 | 14.095 | VV | 16169  | 361792  | 4.76%  | 0.188% |
| 228 | 14.116 | 14.095 | 14.141 | VV | 18620  | 400332  | 5.26%  | 0.208% |
| 229 | 14.171 | 14.141 | 14.214 | VV | 15083  | 560297  | 7.37%  | 0.291% |
| 230 | 14.229 | 14.214 | 14.247 | VV | 11097  | 202224  | 2.66%  | 0.105% |
| 231 | 14.275 | 14.247 | 14.311 | VV | 80894  | 1242070 | 16.33% | 0.645% |
| 232 | 14.334 | 14.311 | 14.347 | VV | 12347  | 248728  | 3.27%  | 0.129% |
| 233 | 14.360 | 14.347 | 14.385 | VV | 11922  | 227750  | 2.99%  | 0.118% |
| 234 | 14.405 | 14.385 | 14.448 | VV | 9154   | 305998  | 4.02%  | 0.159% |
| 235 | 14.501 | 14.448 | 14.558 | VV | 13813  | 618062  | 8.13%  | 0.321% |
| 236 | 14.572 | 14.558 | 14.591 | VV | 8930   | 159104  | 2.09%  | 0.083% |
| 237 | 14.605 | 14.591 | 14.622 | VV | 8666   | 140517  | 1.85%  | 0.073% |
| 238 | 14.640 | 14.622 | 14.671 | VV | 10597  | 261971  | 3.44%  | 0.136% |
| 239 | 14.693 | 14.671 | 14.732 | VV | 10714  | 298650  | 3.93%  | 0.155% |
| 240 | 14.764 | 14.732 | 14.791 | VV | 8694   | 248106  | 3.26%  | 0.129% |
| 241 | 14.803 | 14.791 | 14.813 | VV | 6350   | 77916   | 1.02%  | 0.040% |
| 242 | 14.839 | 14.813 | 14.867 | VV | 48646  | 684273  | 9.00%  | 0.355% |
| 243 | 14.897 | 14.867 | 14.928 | VV | 11491  | 282885  | 3.72%  | 0.147% |
| 244 | 14.938 | 14.928 | 14.946 | VV | 6038   | 63777   | 0.84%  | 0.033% |
| 245 | 14.958 | 14.946 | 15.002 | VV | 6215   | 174923  | 2.30%  | 0.091% |
| 246 | 15.047 | 15.002 | 15.085 | VV | 6319   | 241944  | 3.18%  | 0.126% |
| 247 | 15.096 | 15.085 | 15.108 | VV | 4714   | 62828   | 0.83%  | 0.033% |
| 248 | 15.116 | 15.108 | 15.141 | VV | 4432   | 79344   | 1.04%  | 0.041% |
| 249 | 15.155 | 15.141 | 15.172 | VV | 4155   | 72233   | 0.95%  | 0.038% |
| 250 | 15.189 | 15.172 | 15.209 | VV | 4778   | 80650   | 1.06%  | 0.042% |
| 251 | 15.237 | 15.209 | 15.256 | VV | 5148   | 106859  | 1.41%  | 0.055% |
| 252 | 15.272 | 15.256 | 15.298 | VV | 3386   | 72278   | 0.95%  | 0.038% |
| 253 | 15.331 | 15.298 | 15.353 | VV | 5850   | 127198  | 1.67%  | 0.066% |
| 254 | 15.380 | 15.353 | 15.408 | VV | 28555  | 415846  | 5.47%  | 0.216% |
| 255 | 15.427 | 15.408 | 15.448 | VV | 3640   | 66658   | 0.88%  | 0.035% |
| 256 | 15.467 | 15.448 | 15.507 | VV | 3515   | 96149   | 1.26%  | 0.050% |
| 257 | 15.533 | 15.507 | 15.553 | VV | 2236   | 47719   | 0.63%  | 0.025% |
| 258 | 15.574 | 15.553 | 15.608 | VV | 3003   | 66428   | 0.87%  | 0.034% |
| 259 | 15.634 | 15.608 | 15.678 | VV | 2524   | 75899   | 1.00%  | 0.039% |
| 260 | 15.717 | 15.678 | 15.734 | VV | 2239   | 48662   | 0.64%  | 0.025% |
| 261 | 15.763 | 15.734 | 15.868 | VV | 14907  | 310427  | 4.08%  | 0.161% |
| 262 | 15.902 | 15.868 | 15.944 | VV | 16226  | 241245  | 3.17%  | 0.125% |
| 263 | 15.985 | 15.944 | 16.025 | VV | 3930   | 102156  | 1.34%  | 0.053% |
| 264 | 16.042 | 16.025 | 16.073 | VV | 1665   | 26356   | 0.35%  | 0.014% |
| 265 | 16.088 | 16.073 | 16.108 | PV | 995    | 13960   | 0.18%  | 0.007% |
| 266 | 16.169 | 16.108 | 16.193 | VV | 1596   | 46781   | 0.62%  | 0.024% |
| 267 | 16.233 | 16.193 | 16.255 | VV | 1107   | 31245   | 0.41%  | 0.016% |
| 268 | 16.296 | 16.255 | 16.322 | VV | 2064   | 47582   | 0.63%  | 0.025% |
| 269 | 16.337 | 16.322 | 16.353 | VV | 1838   | 22770   | 0.30%  | 0.012% |

|     |        |        |        |    |                |        |        |        |
|-----|--------|--------|--------|----|----------------|--------|--------|--------|
| 270 | 16.368 | 16.353 | 16.379 | VV | rteres<br>1584 | 17733  | 0.23%  | 0.009% |
| 271 | 16.404 | 16.379 | 16.435 | VV | 11186          | 160656 | 2.11%  | 0.083% |
| 272 | 16.452 | 16.435 | 16.490 | VV | 2489           | 49676  | 0.65%  | 0.026% |
| 273 | 16.524 | 16.490 | 16.558 | VV | 812            | 23352  | 0.31%  | 0.012% |
| 274 | 16.596 | 16.558 | 16.648 | PV | 2346           | 62100  | 0.82%  | 0.032% |
| 275 | 16.655 | 16.648 | 16.666 | VV | 537            | 3576   | 0.05%  | 0.002% |
| 276 | 16.712 | 16.666 | 16.738 | VV | 2245           | 48402  | 0.64%  | 0.025% |
| 277 | 16.781 | 16.738 | 16.832 | VV | 2499           | 79023  | 1.04%  | 0.041% |
| 278 | 16.892 | 16.832 | 16.953 | PV | 13704          | 259886 | 3.42%  | 0.135% |
| 279 | 16.970 | 16.953 | 16.984 | VV | 1663           | 19293  | 0.25%  | 0.010% |
| 280 | 17.025 | 16.984 | 17.045 | VV | 2469           | 45541  | 0.60%  | 0.024% |
| 281 | 17.053 | 17.045 | 17.067 | VV | 1488           | 16047  | 0.21%  | 0.008% |
| 282 | 17.079 | 17.067 | 17.095 | VV | 1453           | 19003  | 0.25%  | 0.010% |
| 283 | 17.114 | 17.095 | 17.158 | VV | 1785           | 33607  | 0.44%  | 0.017% |
| 284 | 17.219 | 17.158 | 17.230 | VV | 4423           | 90211  | 1.19%  | 0.047% |
| 285 | 17.257 | 17.230 | 17.307 | VV | 24522          | 416199 | 5.47%  | 0.216% |
| 286 | 17.377 | 17.307 | 17.415 | VV | 16468          | 422211 | 5.55%  | 0.219% |
| 287 | 17.434 | 17.415 | 17.451 | VV | 4148           | 61083  | 0.80%  | 0.032% |
| 288 | 17.475 | 17.451 | 17.524 | VV | 2625           | 74560  | 0.98%  | 0.039% |
| 289 | 17.566 | 17.524 | 17.585 | VV | 1958           | 52352  | 0.69%  | 0.027% |
| 290 | 17.593 | 17.585 | 17.608 | VV | 1850           | 22102  | 0.29%  | 0.011% |
| 291 | 17.624 | 17.608 | 17.665 | VV | 2412           | 42366  | 0.56%  | 0.022% |
| 292 | 17.725 | 17.665 | 17.776 | VV | 5977           | 243205 | 3.20%  | 0.126% |
| 293 | 17.808 | 17.776 | 17.835 | VV | 12801          | 210968 | 2.77%  | 0.110% |
| 294 | 17.862 | 17.835 | 17.882 | VV | 2933           | 51116  | 0.67%  | 0.027% |
| 295 | 17.895 | 17.882 | 17.921 | VV | 2440           | 43985  | 0.58%  | 0.023% |
| 296 | 17.945 | 17.921 | 17.971 | VV | 3496           | 65990  | 0.87%  | 0.034% |
| 297 | 17.997 | 17.971 | 18.015 | PV | 2189           | 35949  | 0.47%  | 0.019% |
| 298 | 18.028 | 18.015 | 18.048 | VV | 2033           | 20939  | 0.28%  | 0.011% |
| 299 | 18.091 | 18.048 | 18.110 | VV | 1888           | 34240  | 0.45%  | 0.018% |
| 300 | 18.152 | 18.110 | 18.186 | VV | 11411          | 218770 | 2.88%  | 0.114% |
| 301 | 18.250 | 18.186 | 18.294 | VV | 15045          | 429637 | 5.65%  | 0.223% |
| 302 | 18.337 | 18.294 | 18.358 | VV | 5223           | 142496 | 1.87%  | 0.074% |
| 303 | 18.414 | 18.358 | 18.435 | VV | 9814           | 241250 | 3.17%  | 0.125% |
| 304 | 18.466 | 18.435 | 18.540 | VV | 6579           | 312822 | 4.11%  | 0.162% |
| 305 | 18.612 | 18.540 | 18.636 | VV | 13131          | 414895 | 5.46%  | 0.215% |
| 306 | 18.672 | 18.636 | 18.711 | VV | 19940          | 511742 | 6.73%  | 0.266% |
| 307 | 18.784 | 18.711 | 18.829 | VV | 11457          | 463848 | 6.10%  | 0.241% |
| 308 | 18.906 | 18.829 | 18.982 | VV | 13261          | 835368 | 10.99% | 0.434% |
| 309 | 19.004 | 18.982 | 19.018 | VV | 10225          | 212018 | 2.79%  | 0.110% |
| 310 | 19.082 | 19.018 | 19.120 | VV | 20578          | 694732 | 9.14%  | 0.361% |
| 311 | 19.127 | 19.120 | 19.138 | VV | 6225           | 62595  | 0.82%  | 0.033% |
| 312 | 19.206 | 19.138 | 19.231 | VV | 12020          | 474447 | 6.24%  | 0.246% |
| 313 | 19.255 | 19.231 | 19.286 | VV | 13036          | 321399 | 4.23%  | 0.167% |
| 314 | 19.296 | 19.286 | 19.302 | VV | 8616           | 75900  | 1.00%  | 0.039% |
| 315 | 19.367 | 19.302 | 19.402 | VV | 11018          | 564406 | 7.42%  | 0.293% |
| 316 | 19.449 | 19.402 | 19.461 | VV | 14864          | 425010 | 5.59%  | 0.221% |

|     |        |        |        |    |        |         |        |        |
|-----|--------|--------|--------|----|--------|---------|--------|--------|
|     |        |        |        |    | rteres |         |        |        |
| 317 | 19.480 | 19.461 | 19.511 | VV | 23335  | 515380  | 6.78%  | 0.268% |
| 318 | 19.537 | 19.511 | 19.561 | VV | 14501  | 364626  | 4.79%  | 0.189% |
| 319 | 19.601 | 19.561 | 19.650 | VV | 15258  | 708853  | 9.32%  | 0.368% |
| 320 | 19.674 | 19.650 | 19.703 | VV | 13785  | 413890  | 5.44%  | 0.215% |
| 321 | 19.716 | 19.703 | 19.737 | VV | 14641  | 273085  | 3.59%  | 0.142% |
| 322 | 19.780 | 19.737 | 19.800 | VV | 15203  | 531704  | 6.99%  | 0.276% |
| 323 | 19.868 | 19.800 | 19.894 | VV | 26410  | 986974  | 12.98% | 0.513% |
| 324 | 19.917 | 19.894 | 19.935 | VV | 19052  | 447962  | 5.89%  | 0.233% |
| 325 | 19.948 | 19.935 | 19.957 | VV | 18256  | 228575  | 3.01%  | 0.119% |
| 326 | 19.990 | 19.957 | 20.027 | VV | 21504  | 824154  | 10.84% | 0.428% |
| 327 | 20.056 | 20.027 | 20.077 | VV | 21362  | 608137  | 8.00%  | 0.316% |
| 328 | 20.092 | 20.077 | 20.101 | VV | 21142  | 281242  | 3.70%  | 0.146% |
| 329 | 20.158 | 20.101 | 20.178 | VV | 21858  | 957454  | 12.59% | 0.497% |
| 330 | 20.243 | 20.178 | 20.271 | VV | 35970  | 1410696 | 18.55% | 0.733% |
| 331 | 20.311 | 20.271 | 20.334 | VV | 25762  | 926954  | 12.19% | 0.481% |
| 332 | 20.354 | 20.334 | 20.389 | VV | 25579  | 786941  | 10.35% | 0.409% |
| 333 | 20.441 | 20.389 | 20.458 | VV | 28117  | 1100063 | 14.47% | 0.571% |
| 334 | 20.541 | 20.458 | 20.565 | VV | 36912  | 2049293 | 26.95% | 1.064% |
| 335 | 20.610 | 20.565 | 20.648 | VV | 39118  | 1691880 | 22.25% | 0.879% |
| 336 | 20.671 | 20.648 | 20.680 | VV | 31992  | 586748  | 7.72%  | 0.305% |
| 337 | 20.693 | 20.680 | 20.714 | VV | 34140  | 673672  | 8.86%  | 0.350% |
| 338 | 20.728 | 20.714 | 20.744 | VV | 32979  | 563321  | 7.41%  | 0.293% |
| 339 | 20.770 | 20.744 | 20.819 | VV | 35206  | 1463547 | 19.25% | 0.760% |
| 340 | 20.840 | 20.819 | 20.859 | VV | 33820  | 783000  | 10.30% | 0.407% |
| 341 | 20.878 | 20.859 | 20.895 | VV | 31892  | 666864  | 8.77%  | 0.346% |
| 342 | 20.903 | 20.895 | 20.913 | VV | 30815  | 319820  | 4.21%  | 0.166% |
| 343 | 20.981 | 20.913 | 21.025 | VV | 39594  | 2181272 | 28.68% | 1.133% |
| 344 | 21.045 | 21.025 | 21.065 | VV | 29947  | 712542  | 9.37%  | 0.370% |
| 345 | 21.074 | 21.065 | 21.088 | VV | 29362  | 396746  | 5.22%  | 0.206% |
| 346 | 21.106 | 21.088 | 21.155 | VV | 30609  | 1174166 | 15.44% | 0.610% |
| 347 | 21.168 | 21.155 | 21.179 | VV | 28892  | 398850  | 5.24%  | 0.207% |
| 348 | 21.186 | 21.179 | 21.210 | VV | 27467  | 484750  | 6.37%  | 0.252% |
| 349 | 21.236 | 21.210 | 21.255 | VV | 28941  | 737719  | 9.70%  | 0.383% |
| 350 | 21.272 | 21.255 | 21.315 | VV | 27036  | 941122  | 12.38% | 0.489% |
| 351 | 21.330 | 21.315 | 21.348 | VV | 25233  | 480561  | 6.32%  | 0.250% |
| 352 | 21.384 | 21.348 | 21.441 | VV | 28485  | 1363126 | 17.93% | 0.708% |
| 353 | 21.461 | 21.441 | 21.485 | VV | 21955  | 536549  | 7.06%  | 0.279% |
| 354 | 21.499 | 21.485 | 21.518 | VV | 21424  | 418405  | 5.50%  | 0.217% |
| 355 | 21.532 | 21.518 | 21.553 | VV | 22469  | 442288  | 5.82%  | 0.230% |
| 356 | 21.573 | 21.553 | 21.594 | VV | 22944  | 497146  | 6.54%  | 0.258% |
| 357 | 21.696 | 21.594 | 21.802 | VV | 25972  | 2592520 | 34.09% | 1.346% |
| 358 | 21.844 | 21.802 | 21.918 | VV | 18714  | 1069506 | 14.06% | 0.555% |
| 359 | 21.948 | 21.918 | 21.970 | VV | 11719  | 321432  | 4.23%  | 0.167% |
| 360 | 21.997 | 21.970 | 22.024 | VV | 11400  | 312188  | 4.11%  | 0.162% |
| 361 | 22.049 | 22.024 | 22.102 | VV | 8518   | 374125  | 4.92%  | 0.194% |
| 362 | 22.124 | 22.102 | 22.197 | VV | 8360   | 347351  | 4.57%  | 0.180% |
| 363 | 22.209 | 22.197 | 22.224 | VV | 4426   | 62430   | 0.82%  | 0.032% |
| 364 | 22.236 | 22.224 | 22.278 | VV | 4094   | 101975  | 1.34%  | 0.053% |

|                         |        |        |        |    |        |           |       |        |
|-------------------------|--------|--------|--------|----|--------|-----------|-------|--------|
|                         |        |        |        |    | rteres |           |       |        |
| 365                     | 22.303 | 22.278 | 22.318 | VV | 3624   | 66795     | 0.88% | 0.035% |
| 366                     | 22.331 | 22.318 | 22.342 | VV | 3403   | 37733     | 0.50% | 0.020% |
| 367                     | 22.373 | 22.342 | 22.435 | VV | 5078   | 156484    | 2.06% | 0.081% |
| 368                     | 22.450 | 22.435 | 22.483 | PV | 1369   | 23824     | 0.31% | 0.012% |
| Sum of corrected areas: |        |        |        |    |        | 192567602 |       |        |

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