

rteres

## Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE060523AL\  
Data File : FE042389.D  
Signal(s) : FID1B.ch  
Acq On : 05 Jun 2023 18:35  
Sample : 03018-11  
Misc :  
ALS Vial : 24 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 051823.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         | 3.329       | 3.304        | 3.337      | BV       | 837            | 8291         | 0.16%          | 0.017%        |
| 2         | 3.346       | 3.337        | 3.403      | VV       | 888            | 15201        | 0.28%          | 0.030%        |
| 3         | 3.446       | 3.403        | 3.461      | PV       | 372            | 4833         | 0.09%          | 0.010%        |
| 4         | 3.473       | 3.461        | 3.488      | VV       | 414            | 5211         | 0.10%          | 0.010%        |
| 5         | 3.502       | 3.488        | 3.523      | VV       | 442            | 5494         | 0.10%          | 0.011%        |
| 6         | 3.547       | 3.523        | 3.626      | PV       | 951            | 22750        | 0.43%          | 0.045%        |
| 7         | 3.647       | 3.626        | 3.695      | VV       | 1192           | 22929        | 0.43%          | 0.046%        |
| 8         | 3.729       | 3.695        | 3.753      | VV       | 503            | 12263        | 0.23%          | 0.025%        |
| 9         | 3.777       | 3.753        | 3.794      | VV       | 1267           | 19080        | 0.36%          | 0.038%        |
| 10        | 3.810       | 3.794        | 3.830      | VV       | 609            | 10155        | 0.19%          | 0.020%        |
| 11        | 3.861       | 3.830        | 3.894      | VV       | 683            | 17117        | 0.32%          | 0.034%        |
| 12        | 3.914       | 3.894        | 3.948      | VV       | 1052           | 16279        | 0.30%          | 0.033%        |
| 13        | 3.965       | 3.948        | 3.990      | VV       | 1044           | 11623        | 0.22%          | 0.023%        |
| 14        | 4.017       | 3.990        | 4.077      | VV       | 972            | 19921        | 0.37%          | 0.040%        |
| 15        | 4.121       | 4.077        | 4.138      | PV       | 1129           | 20787        | 0.39%          | 0.042%        |
| 16        | 4.157       | 4.138        | 4.178      | VV       | 838            | 13474        | 0.25%          | 0.027%        |
| 17        | 4.194       | 4.178        | 4.213      | VV       | 885            | 12941        | 0.24%          | 0.026%        |
| 18        | 4.228       | 4.213        | 4.264      | VV       | 613            | 10964        | 0.21%          | 0.022%        |
| 19        | 4.307       | 4.264        | 4.338      | VV       | 1610           | 27656        | 0.52%          | 0.055%        |
| 20        | 4.353       | 4.338        | 4.371      | VV       | 631            | 10218        | 0.19%          | 0.020%        |
| 21        | 4.392       | 4.371        | 4.439      | VV       | 501            | 13930        | 0.26%          | 0.028%        |
| 22        | 4.477       | 4.439        | 4.501      | PV       | 481            | 11038        | 0.21%          | 0.022%        |
| 23        | 4.523       | 4.501        | 4.548      | VV       | 605            | 10447        | 0.20%          | 0.021%        |
| 24        | 4.583       | 4.548        | 4.604      | VV       | 1754           | 24547        | 0.46%          | 0.049%        |
| 25        | 4.621       | 4.604        | 4.641      | VV       | 874            | 11199        | 0.21%          | 0.022%        |
| 26        | 4.663       | 4.641        | 4.721      | VV       | 577            | 15113        | 0.28%          | 0.030%        |
| 27        | 4.745       | 4.721        | 4.774      | VV       | 827            | 15147        | 0.28%          | 0.030%        |
| 28        | 4.797       | 4.774        | 4.816      | VV       | 791            | 15343        | 0.29%          | 0.031%        |
| 29        | 4.833       | 4.816        | 4.851      | VV       | 752            | 11415        | 0.21%          | 0.023%        |
| 30        | 4.868       | 4.851        | 4.908      | VV       | 2082           | 31603        | 0.59%          | 0.063%        |
| 31        | 4.948       | 4.908        | 4.964      | VV       | 749            | 17749        | 0.33%          | 0.035%        |

|    |       |       |       |    |        |        |       |        |
|----|-------|-------|-------|----|--------|--------|-------|--------|
|    |       |       |       |    | rteres |        |       |        |
| 32 | 4.993 | 4.964 | 5.016 | VV | 1027   | 20733  | 0.39% | 0.041% |
| 33 | 5.045 | 5.016 | 5.070 | VV | 882    | 17615  | 0.33% | 0.035% |
| 34 | 5.095 | 5.070 | 5.124 | VV | 1317   | 19771  | 0.37% | 0.040% |
| 35 | 5.152 | 5.124 | 5.243 | VV | 437    | 18908  | 0.35% | 0.038% |
| 36 | 5.261 | 5.243 | 5.275 | VV | 556    | 7003   | 0.13% | 0.014% |
| 37 | 5.290 | 5.275 | 5.321 | VV | 769    | 12983  | 0.24% | 0.026% |
| 38 | 5.335 | 5.321 | 5.353 | VV | 1018   | 12832  | 0.24% | 0.026% |
| 39 | 5.367 | 5.353 | 5.382 | VV | 747    | 9433   | 0.18% | 0.019% |
| 40 | 5.401 | 5.382 | 5.444 | VV | 974    | 17006  | 0.32% | 0.034% |
| 41 | 5.461 | 5.444 | 5.480 | PV | 240    | 2550   | 0.05% | 0.005% |
| 42 | 5.498 | 5.480 | 5.510 | VV | 420    | 4751   | 0.09% | 0.009% |
| 43 | 5.526 | 5.510 | 5.550 | VV | 1029   | 12823  | 0.24% | 0.026% |
| 44 | 5.573 | 5.550 | 5.614 | VV | 646    | 17115  | 0.32% | 0.034% |
| 45 | 5.631 | 5.614 | 5.671 | VV | 401    | 7679   | 0.14% | 0.015% |
| 46 | 5.721 | 5.671 | 5.780 | VV | 2343   | 44920  | 0.84% | 0.090% |
| 47 | 5.801 | 5.780 | 5.830 | VV | 421    | 7781   | 0.15% | 0.016% |
| 48 | 5.847 | 5.830 | 5.880 | VV | 316    | 5789   | 0.11% | 0.012% |
| 49 | 5.911 | 5.880 | 5.942 | VV | 1544   | 27387  | 0.51% | 0.055% |
| 50 | 5.985 | 5.942 | 6.004 | VV | 544    | 12791  | 0.24% | 0.026% |
| 51 | 6.028 | 6.004 | 6.095 | VV | 1155   | 28176  | 0.53% | 0.056% |
| 52 | 6.110 | 6.095 | 6.120 | VV | 431    | 4773   | 0.09% | 0.010% |
| 53 | 6.135 | 6.120 | 6.178 | VV | 776    | 14998  | 0.28% | 0.030% |
| 54 | 6.206 | 6.178 | 6.224 | VV | 446    | 7835   | 0.15% | 0.016% |
| 55 | 6.255 | 6.224 | 6.272 | VV | 892    | 13175  | 0.25% | 0.026% |
| 56 | 6.295 | 6.272 | 6.336 | VV | 7945   | 105660 | 1.98% | 0.211% |
| 57 | 6.347 | 6.336 | 6.371 | VV | 787    | 12393  | 0.23% | 0.025% |
| 58 | 6.398 | 6.371 | 6.422 | VV | 1459   | 20938  | 0.39% | 0.042% |
| 59 | 6.460 | 6.422 | 6.510 | VV | 878    | 26681  | 0.50% | 0.053% |
| 60 | 6.545 | 6.510 | 6.605 | VV | 928    | 28444  | 0.53% | 0.057% |
| 61 | 6.624 | 6.605 | 6.638 | VV | 441    | 6892   | 0.13% | 0.014% |
| 62 | 6.662 | 6.638 | 6.688 | VV | 1025   | 20218  | 0.38% | 0.040% |
| 63 | 6.698 | 6.688 | 6.708 | VV | 538    | 5959   | 0.11% | 0.012% |
| 64 | 6.718 | 6.708 | 6.730 | VV | 555    | 6394   | 0.12% | 0.013% |
| 65 | 6.752 | 6.730 | 6.817 | VV | 2783   | 37820  | 0.71% | 0.076% |
| 66 | 6.845 | 6.817 | 6.854 | VV | 508    | 6687   | 0.13% | 0.013% |
| 67 | 6.906 | 6.854 | 6.932 | VV | 2908   | 46915  | 0.88% | 0.094% |
| 68 | 6.947 | 6.932 | 6.994 | VV | 763    | 15693  | 0.29% | 0.031% |
| 69 | 7.012 | 6.994 | 7.021 | VV | 215    | 2896   | 0.05% | 0.006% |
| 70 | 7.037 | 7.021 | 7.057 | VV | 458    | 5612   | 0.11% | 0.011% |
| 71 | 7.081 | 7.057 | 7.107 | VV | 1203   | 16694  | 0.31% | 0.033% |
| 72 | 7.118 | 7.107 | 7.131 | VV | 331    | 3257   | 0.06% | 0.007% |
| 73 | 7.149 | 7.131 | 7.178 | VV | 622    | 10529  | 0.20% | 0.021% |
| 74 | 7.194 | 7.178 | 7.208 | VV | 363    | 4777   | 0.09% | 0.010% |
| 75 | 7.250 | 7.208 | 7.275 | VV | 1182   | 23971  | 0.45% | 0.048% |
| 76 | 7.284 | 7.275 | 7.306 | VV | 741    | 11276  | 0.21% | 0.023% |
| 77 | 7.327 | 7.306 | 7.351 | VV | 802    | 12454  | 0.23% | 0.025% |
| 78 | 7.392 | 7.351 | 7.444 | VV | 5049   | 84639  | 1.58% | 0.169% |
| 79 | 7.474 | 7.444 | 7.507 | VV | 4580   | 57200  | 1.07% | 0.114% |

|     |       |       |       |    |      |       |       |        |
|-----|-------|-------|-------|----|------|-------|-------|--------|
| 80  | 7.529 | 7.507 | 7.556 | VV | 4398 | 52014 | 0.97% | 0.104% |
| 81  | 7.570 | 7.556 | 7.591 | VV | 553  | 8729  | 0.16% | 0.017% |
| 82  | 7.600 | 7.591 | 7.631 | VV | 363  | 5696  | 0.11% | 0.011% |
| 83  | 7.650 | 7.631 | 7.666 | VV | 868  | 10166 | 0.19% | 0.020% |
| 84  | 7.700 | 7.666 | 7.727 | VV | 3445 | 47450 | 0.89% | 0.095% |
| 85  | 7.751 | 7.727 | 7.764 | VV | 670  | 10534 | 0.20% | 0.021% |
| 86  | 7.784 | 7.764 | 7.802 | VV | 652  | 11118 | 0.21% | 0.022% |
| 87  | 7.827 | 7.802 | 7.853 | VV | 537  | 10104 | 0.19% | 0.020% |
| 88  | 7.878 | 7.853 | 7.908 | VV | 970  | 15860 | 0.30% | 0.032% |
| 89  | 7.922 | 7.908 | 7.941 | VV | 219  | 2927  | 0.05% | 0.006% |
| 90  | 7.959 | 7.941 | 7.974 | PV | 177  | 1889  | 0.04% | 0.004% |
| 91  | 8.132 | 8.102 | 8.174 | VV | 3095 | 77210 | 1.45% | 0.154% |
| 92  | 8.186 | 8.174 | 8.212 | VV | 1325 | 20849 | 0.39% | 0.042% |
| 93  | 8.224 | 8.212 | 8.244 | VV | 667  | 10472 | 0.20% | 0.021% |
| 94  | 8.276 | 8.244 | 8.321 | VV | 1639 | 48653 | 0.91% | 0.097% |
| 95  | 8.333 | 8.321 | 8.369 | VV | 826  | 14260 | 0.27% | 0.029% |
| 96  | 8.402 | 8.369 | 8.448 | VV | 3716 | 65415 | 1.22% | 0.131% |
| 97  | 8.509 | 8.448 | 8.524 | VV | 3993 | 57087 | 1.07% | 0.114% |
| 98  | 8.537 | 8.524 | 8.555 | VV | 2541 | 30650 | 0.57% | 0.061% |
| 99  | 8.581 | 8.555 | 8.609 | VV | 4569 | 69204 | 1.30% | 0.138% |
| 100 | 8.625 | 8.609 | 8.644 | VV | 954  | 14963 | 0.28% | 0.030% |
| 101 | 8.694 | 8.644 | 8.726 | VV | 4931 | 98872 | 1.85% | 0.198% |
| 102 | 8.744 | 8.726 | 8.765 | VV | 1815 | 25287 | 0.47% | 0.051% |
| 103 | 8.785 | 8.765 | 8.817 | VV | 841  | 13471 | 0.25% | 0.027% |
| 104 | 8.833 | 8.817 | 8.851 | VV | 470  | 5247  | 0.10% | 0.010% |
| 105 | 8.991 | 8.974 | 9.024 | VV | 5504 | 86240 | 1.61% | 0.172% |
| 106 | 9.042 | 9.024 | 9.064 | VV | 2398 | 41992 | 0.79% | 0.084% |
| 107 | 9.079 | 9.064 | 9.096 | VV | 1397 | 24686 | 0.46% | 0.049% |
| 108 | 9.121 | 9.096 | 9.147 | VV | 3876 | 60889 | 1.14% | 0.122% |
| 109 | 9.178 | 9.147 | 9.198 | VV | 832  | 20892 | 0.39% | 0.042% |
| 110 | 9.208 | 9.198 | 9.221 | VV | 716  | 9155  | 0.17% | 0.018% |
| 111 | 9.235 | 9.221 | 9.250 | VV | 1359 | 17091 | 0.32% | 0.034% |
| 112 | 9.269 | 9.250 | 9.295 | VV | 3242 | 44589 | 0.83% | 0.089% |
| 113 | 9.318 | 9.295 | 9.341 | VV | 1093 | 23974 | 0.45% | 0.048% |
| 114 | 9.357 | 9.341 | 9.378 | VV | 989  | 16203 | 0.30% | 0.032% |
| 115 | 9.407 | 9.378 | 9.430 | VV | 5837 | 78475 | 1.47% | 0.157% |
| 116 | 9.446 | 9.430 | 9.488 | VV | 2036 | 33072 | 0.62% | 0.066% |
| 117 | 9.500 | 9.488 | 9.510 | VV | 396  | 4075  | 0.08% | 0.008% |
| 118 | 9.528 | 9.510 | 9.538 | VV | 479  | 6653  | 0.12% | 0.013% |
| 119 | 9.562 | 9.538 | 9.580 | VV | 2298 | 29737 | 0.56% | 0.059% |
| 120 | 9.595 | 9.580 | 9.623 | VV | 1628 | 20891 | 0.39% | 0.042% |
| 121 | 9.641 | 9.623 | 9.658 | VV | 411  | 5247  | 0.10% | 0.010% |
| 122 | 9.698 | 9.658 | 9.722 | VV | 1931 | 28831 | 0.54% | 0.058% |
| 123 | 9.739 | 9.722 | 9.758 | VV | 1014 | 13387 | 0.25% | 0.027% |
| 124 | 9.783 | 9.758 | 9.834 | VV | 3063 | 63737 | 1.19% | 0.127% |
| 125 | 9.861 | 9.834 | 9.894 | VV | 2756 | 51663 | 0.97% | 0.103% |
| 126 | 9.936 | 9.894 | 9.951 | VV | 1407 | 34447 | 0.64% | 0.069% |

|     |        |        |        |    |        |         |         |         |
|-----|--------|--------|--------|----|--------|---------|---------|---------|
|     |        |        |        |    | rteres |         |         |         |
| 127 | 9.987  | 9.951  | 10.011 | VV | 1432   | 37833   | 0.71%   | 0.076%  |
| 128 | 10.024 | 10.011 | 10.037 | VV | 653    | 8579    | 0.16%   | 0.017%  |
| 129 | 10.061 | 10.037 | 10.088 | VV | 7105   | 94366   | 1.77%   | 0.189%  |
| 130 | 10.106 | 10.088 | 10.143 | VV | 2478   | 47515   | 0.89%   | 0.095%  |
| 131 | 10.154 | 10.143 | 10.168 | VV | 900    | 11877   | 0.22%   | 0.024%  |
| 132 | 10.190 | 10.168 | 10.248 | VV | 4851   | 95811   | 1.79%   | 0.192%  |
| 133 | 10.270 | 10.248 | 10.282 | VV | 1228   | 15869   | 0.30%   | 0.032%  |
| 134 | 10.297 | 10.282 | 10.333 | VV | 1393   | 23276   | 0.44%   | 0.047%  |
| 135 | 10.367 | 10.333 | 10.451 | VV | 861    | 20525   | 0.38%   | 0.041%  |
| 136 | 10.530 | 10.451 | 10.557 | PV | 1993   | 34124   | 0.64%   | 0.068%  |
| 137 | 10.578 | 10.557 | 10.603 | VV | 2230   | 31503   | 0.59%   | 0.063%  |
| 138 | 10.640 | 10.603 | 10.654 | VV | 1915   | 32914   | 0.62%   | 0.066%  |
| 139 | 10.667 | 10.654 | 10.691 | VV | 1763   | 25506   | 0.48%   | 0.051%  |
| 140 | 10.713 | 10.691 | 10.748 | VV | 1616   | 29796   | 0.56%   | 0.060%  |
| 141 | 10.784 | 10.748 | 10.816 | VV | 1745   | 34206   | 0.64%   | 0.068%  |
| 142 | 10.842 | 10.816 | 10.891 | VV | 3548   | 69581   | 1.30%   | 0.139%  |
| 143 | 10.929 | 10.891 | 10.945 | VV | 5092   | 74344   | 1.39%   | 0.149%  |
| 144 | 10.953 | 10.945 | 10.970 | VV | 2828   | 29352   | 0.55%   | 0.059%  |
| 145 | 10.999 | 10.970 | 11.028 | VV | 6302   | 115815  | 2.17%   | 0.232%  |
| 146 | 11.042 | 11.028 | 11.072 | VV | 1602   | 32944   | 0.62%   | 0.066%  |
| 147 | 11.086 | 11.072 | 11.104 | VV | 1343   | 16816   | 0.31%   | 0.034%  |
| 148 | 11.122 | 11.104 | 11.140 | VV | 780    | 13400   | 0.25%   | 0.027%  |
| 149 | 11.156 | 11.140 | 11.163 | VV | 1107   | 11060   | 0.21%   | 0.022%  |
| 150 | 11.189 | 11.163 | 11.237 | VV | 44665  | 531354  | 9.95%   | 1.062%  |
| 151 | 11.265 | 11.237 | 11.305 | VV | 11143  | 159738  | 2.99%   | 0.319%  |
| 152 | 11.320 | 11.305 | 11.354 | VV | 1176   | 22003   | 0.41%   | 0.044%  |
| 153 | 11.380 | 11.354 | 11.421 | VV | 878    | 18939   | 0.35%   | 0.038%  |
| 154 | 11.440 | 11.421 | 11.454 | VV | 646    | 8745    | 0.16%   | 0.017%  |
| 155 | 11.483 | 11.454 | 11.521 | VV | 3361   | 58725   | 1.10%   | 0.117%  |
| 156 | 11.557 | 11.521 | 11.571 | VV | 1161   | 23865   | 0.45%   | 0.048%  |
| 157 | 11.585 | 11.571 | 11.606 | VV | 1613   | 26825   | 0.50%   | 0.054%  |
| 158 | 11.633 | 11.606 | 11.663 | VV | 5001   | 71927   | 1.35%   | 0.144%  |
| 159 | 11.719 | 11.663 | 11.760 | VV | 3693   | 88497   | 1.66%   | 0.177%  |
| 160 | 11.790 | 11.760 | 11.811 | PV | 2198   | 30589   | 0.57%   | 0.061%  |
| 161 | 11.837 | 11.811 | 11.861 | VV | 1666   | 31947   | 0.60%   | 0.064%  |
| 162 | 11.883 | 11.861 | 11.905 | VV | 1546   | 20964   | 0.39%   | 0.042%  |
| 163 | 11.955 | 11.905 | 11.981 | VV | 480680 | 5342202 | 100.00% | 10.681% |
| 164 | 11.994 | 11.981 | 12.008 | VV | 7862   | 90251   | 1.69%   | 0.180%  |
| 165 | 12.025 | 12.008 | 12.059 | VV | 11206  | 148104  | 2.77%   | 0.296%  |
| 166 | 12.108 | 12.059 | 12.126 | VV | 7760   | 145625  | 2.73%   | 0.291%  |
| 167 | 12.143 | 12.126 | 12.158 | VV | 7959   | 93460   | 1.75%   | 0.187%  |
| 168 | 12.174 | 12.158 | 12.222 | VV | 7199   | 94696   | 1.77%   | 0.189%  |
| 169 | 12.245 | 12.222 | 12.266 | VV | 467    | 8044    | 0.15%   | 0.016%  |
| 170 | 12.304 | 12.266 | 12.338 | VV | 4574   | 80447   | 1.51%   | 0.161%  |
| 171 | 12.358 | 12.338 | 12.377 | VV | 3762   | 51183   | 0.96%   | 0.102%  |
| 172 | 12.390 | 12.377 | 12.440 | VV | 1900   | 37146   | 0.70%   | 0.074%  |
| 173 | 12.465 | 12.440 | 12.507 | VV | 6767   | 97087   | 1.82%   | 0.194%  |
| 174 | 12.523 | 12.507 | 12.554 | VV | 1492   | 22085   | 0.41%   | 0.044%  |

|     |        |        |        |    |               |         |        |        |
|-----|--------|--------|--------|----|---------------|---------|--------|--------|
| 175 | 12.558 | 12.554 | 12.566 | VV | rteres<br>233 | 1095    | 0.02%  | 0.002% |
| 176 | 12.573 | 12.566 | 12.577 | VV | 190           | 968     | 0.02%  | 0.002% |
| 177 | 12.609 | 12.577 | 12.629 | VV | 1480          | 19595   | 0.37%  | 0.039% |
| 178 | 12.645 | 12.629 | 12.658 | VV | 570           | 6371    | 0.12%  | 0.013% |
| 179 | 12.670 | 12.658 | 12.682 | VV | 572           | 5441    | 0.10%  | 0.011% |
| 180 | 12.715 | 12.682 | 12.758 | VV | 1858          | 45449   | 0.85%  | 0.091% |
| 181 | 12.786 | 12.758 | 12.825 | VV | 3863          | 78014   | 1.46%  | 0.156% |
| 182 | 12.848 | 12.825 | 12.874 | VV | 5172          | 83619   | 1.57%  | 0.167% |
| 183 | 12.894 | 12.874 | 12.914 | VV | 9282          | 121044  | 2.27%  | 0.242% |
| 184 | 12.941 | 12.914 | 12.980 | VV | 6354          | 157080  | 2.94%  | 0.314% |
| 185 | 13.011 | 12.980 | 13.056 | VV | 119039        | 1390638 | 26.03% | 2.780% |
| 186 | 13.076 | 13.056 | 13.094 | VV | 1062          | 16938   | 0.32%  | 0.034% |
| 187 | 13.107 | 13.094 | 13.123 | VV | 804           | 10166   | 0.19%  | 0.020% |
| 188 | 13.168 | 13.123 | 13.182 | VV | 3650          | 71203   | 1.33%  | 0.142% |
| 189 | 13.197 | 13.182 | 13.210 | VV | 4119          | 52277   | 0.98%  | 0.105% |
| 190 | 13.224 | 13.210 | 13.280 | VV | 4377          | 87552   | 1.64%  | 0.175% |
| 191 | 13.309 | 13.280 | 13.344 | VV | 98758         | 1149873 | 21.52% | 2.299% |
| 192 | 13.391 | 13.344 | 13.434 | VV | 329872        | 4098240 | 76.71% | 8.194% |
| 193 | 13.484 | 13.434 | 13.498 | VV | 3806          | 72706   | 1.36%  | 0.145% |
| 194 | 13.510 | 13.498 | 13.534 | VV | 3223          | 41186   | 0.77%  | 0.082% |
| 195 | 13.579 | 13.534 | 13.621 | VV | 5528          | 133108  | 2.49%  | 0.266% |
| 196 | 13.643 | 13.621 | 13.681 | VV | 2668          | 47214   | 0.88%  | 0.094% |
| 197 | 13.707 | 13.681 | 13.724 | PV | 3568          | 48863   | 0.91%  | 0.098% |
| 198 | 13.734 | 13.724 | 13.748 | VV | 1991          | 25354   | 0.47%  | 0.051% |
| 199 | 13.771 | 13.748 | 13.798 | VV | 5977          | 95631   | 1.79%  | 0.191% |
| 200 | 13.816 | 13.798 | 13.842 | VV | 1145          | 17560   | 0.33%  | 0.035% |
| 201 | 13.899 | 13.842 | 13.944 | VV | 13227         | 248523  | 4.65%  | 0.497% |
| 202 | 13.966 | 13.944 | 13.983 | VV | 2564          | 34890   | 0.65%  | 0.070% |
| 203 | 14.009 | 13.983 | 14.027 | VV | 5441          | 79396   | 1.49%  | 0.159% |
| 204 | 14.048 | 14.027 | 14.069 | VV | 6990          | 94252   | 1.76%  | 0.188% |
| 205 | 14.088 | 14.069 | 14.111 | VV | 4122          | 59812   | 1.12%  | 0.120% |
| 206 | 14.143 | 14.111 | 14.160 | VV | 5809          | 104195  | 1.95%  | 0.208% |
| 207 | 14.176 | 14.160 | 14.199 | VV | 6909          | 102032  | 1.91%  | 0.204% |
| 208 | 14.218 | 14.199 | 14.257 | VV | 5661          | 75635   | 1.42%  | 0.151% |
| 209 | 14.293 | 14.257 | 14.315 | PV | 1994          | 33013   | 0.62%  | 0.066% |
| 210 | 14.339 | 14.315 | 14.354 | VV | 832           | 14159   | 0.27%  | 0.028% |
| 211 | 14.375 | 14.354 | 14.394 | VV | 899           | 18023   | 0.34%  | 0.036% |
| 212 | 14.404 | 14.394 | 14.419 | VV | 827           | 10435   | 0.20%  | 0.021% |
| 213 | 14.435 | 14.419 | 14.467 | VV | 917           | 14380   | 0.27%  | 0.029% |
| 214 | 14.486 | 14.467 | 14.523 | VV | 867           | 14025   | 0.26%  | 0.028% |
| 215 | 14.543 | 14.523 | 14.551 | PV | 725           | 8059    | 0.15%  | 0.016% |
| 216 | 14.599 | 14.551 | 14.618 | VV | 3339          | 89944   | 1.68%  | 0.180% |
| 217 | 14.637 | 14.618 | 14.671 | VV | 12473         | 168276  | 3.15%  | 0.336% |
| 218 | 14.706 | 14.671 | 14.726 | VV | 4249          | 67734   | 1.27%  | 0.135% |
| 219 | 14.740 | 14.726 | 14.783 | VV | 2387          | 48859   | 0.91%  | 0.098% |
| 220 | 14.812 | 14.783 | 14.851 | VV | 9703          | 171513  | 3.21%  | 0.343% |
| 221 | 14.877 | 14.851 | 14.901 | VV | 14151         | 199582  | 3.74%  | 0.399% |

|     |        |        |        |    |        |         |        |        |
|-----|--------|--------|--------|----|--------|---------|--------|--------|
|     |        |        |        |    | rteres |         |        |        |
| 222 | 14.941 | 14.901 | 14.983 | VV | 11685  | 221730  | 4.15%  | 0.443% |
| 223 | 15.001 | 14.983 | 15.016 | VV | 1353   | 18315   | 0.34%  | 0.037% |
| 224 | 15.062 | 15.016 | 15.117 | VV | 3219   | 84274   | 1.58%  | 0.168% |
| 225 | 15.142 | 15.117 | 15.159 | VV | 3902   | 50653   | 0.95%  | 0.101% |
| 226 | 15.190 | 15.159 | 15.210 | VV | 56766  | 729207  | 13.65% | 1.458% |
| 227 | 15.230 | 15.210 | 15.265 | VV | 56476  | 756971  | 14.17% | 1.513% |
| 228 | 15.279 | 15.265 | 15.311 | VV | 3596   | 62767   | 1.17%  | 0.125% |
| 229 | 15.351 | 15.311 | 15.402 | VV | 13573  | 248239  | 4.65%  | 0.496% |
| 230 | 15.435 | 15.402 | 15.467 | VV | 4099   | 85177   | 1.59%  | 0.170% |
| 231 | 15.497 | 15.467 | 15.515 | PV | 5608   | 86389   | 1.62%  | 0.173% |
| 232 | 15.530 | 15.515 | 15.591 | VV | 4907   | 124284  | 2.33%  | 0.248% |
| 233 | 15.634 | 15.591 | 15.711 | VV | 15460  | 347081  | 6.50%  | 0.694% |
| 234 | 15.768 | 15.711 | 15.800 | VV | 4425   | 95811   | 1.79%  | 0.192% |
| 235 | 15.863 | 15.800 | 15.884 | VV | 12222  | 248380  | 4.65%  | 0.497% |
| 236 | 15.901 | 15.884 | 15.931 | VV | 6005   | 90803   | 1.70%  | 0.182% |
| 237 | 15.948 | 15.931 | 15.961 | VV | 2128   | 27923   | 0.52%  | 0.056% |
| 238 | 16.012 | 15.961 | 16.059 | VV | 6580   | 219975  | 4.12%  | 0.440% |
| 239 | 16.099 | 16.059 | 16.128 | VV | 3683   | 80336   | 1.50%  | 0.161% |
| 240 | 16.147 | 16.128 | 16.164 | VV | 1437   | 26319   | 0.49%  | 0.053% |
| 241 | 16.185 | 16.164 | 16.207 | VV | 3115   | 50022   | 0.94%  | 0.100% |
| 242 | 16.227 | 16.207 | 16.245 | VV | 3226   | 49962   | 0.94%  | 0.100% |
| 243 | 16.267 | 16.245 | 16.320 | VV | 4697   | 114340  | 2.14%  | 0.229% |
| 244 | 16.353 | 16.320 | 16.378 | VV | 639    | 16770   | 0.31%  | 0.034% |
| 245 | 16.393 | 16.378 | 16.409 | VV | 449    | 5389    | 0.10%  | 0.011% |
| 246 | 16.482 | 16.409 | 16.516 | PV | 3677   | 99168   | 1.86%  | 0.198% |
| 247 | 16.537 | 16.516 | 16.555 | VV | 3847   | 56112   | 1.05%  | 0.112% |
| 248 | 16.567 | 16.555 | 16.584 | VV | 2562   | 36190   | 0.68%  | 0.072% |
| 249 | 16.610 | 16.584 | 16.625 | VV | 1830   | 37142   | 0.70%  | 0.074% |
| 250 | 16.659 | 16.625 | 16.704 | VV | 4909   | 147001  | 2.75%  | 0.294% |
| 251 | 16.751 | 16.704 | 16.818 | VV | 70410  | 1386289 | 25.95% | 2.772% |
| 252 | 16.830 | 16.818 | 16.850 | VV | 1786   | 26563   | 0.50%  | 0.053% |
| 253 | 16.880 | 16.850 | 16.904 | VV | 15685  | 214631  | 4.02%  | 0.429% |
| 254 | 16.916 | 16.904 | 16.959 | VV | 3197   | 62923   | 1.18%  | 0.126% |
| 255 | 16.973 | 16.959 | 16.983 | VV | 1291   | 13369   | 0.25%  | 0.027% |
| 256 | 17.001 | 16.983 | 17.014 | VV | 2605   | 31466   | 0.59%  | 0.063% |
| 257 | 17.071 | 17.014 | 17.100 | VV | 41772  | 676852  | 12.67% | 1.353% |
| 258 | 17.129 | 17.100 | 17.170 | VV | 51832  | 715010  | 13.38% | 1.430% |
| 259 | 17.231 | 17.170 | 17.261 | VV | 17198  | 321762  | 6.02%  | 0.643% |
| 260 | 17.281 | 17.261 | 17.310 | VV | 3564   | 69550   | 1.30%  | 0.139% |
| 261 | 17.338 | 17.310 | 17.347 | VV | 2318   | 38026   | 0.71%  | 0.076% |
| 262 | 17.376 | 17.347 | 17.407 | VV | 3641   | 97744   | 1.83%  | 0.195% |
| 263 | 17.438 | 17.407 | 17.453 | VV | 2028   | 43886   | 0.82%  | 0.088% |
| 264 | 17.497 | 17.453 | 17.570 | VV | 5279   | 184570  | 3.45%  | 0.369% |
| 265 | 17.634 | 17.570 | 17.643 | PV | 4448   | 107888  | 2.02%  | 0.216% |
| 266 | 17.662 | 17.643 | 17.694 | VV | 6561   | 122289  | 2.29%  | 0.245% |
| 267 | 17.714 | 17.694 | 17.731 | VV | 2966   | 45538   | 0.85%  | 0.091% |
| 268 | 17.745 | 17.731 | 17.765 | VV | 2343   | 35543   | 0.67%  | 0.071% |
| 269 | 17.791 | 17.765 | 17.815 | VV | 5039   | 85179   | 1.59%  | 0.170% |

|     |        |        |        |    |                |         |        |        |
|-----|--------|--------|--------|----|----------------|---------|--------|--------|
| 270 | 17.833 | 17.815 | 17.863 | VV | rteres<br>1563 | 30487   | 0.57%  | 0.061% |
| 271 | 17.941 | 17.863 | 17.958 | VV | 1017           | 41322   | 0.77%  | 0.083% |
| 272 | 17.974 | 17.958 | 17.984 | VV | 591            | 5511    | 0.10%  | 0.011% |
| 273 | 18.005 | 17.984 | 18.028 | PV | 836            | 13269   | 0.25%  | 0.027% |
| 274 | 18.106 | 18.028 | 18.145 | VV | 6416           | 194100  | 3.63%  | 0.388% |
| 275 | 18.196 | 18.145 | 18.209 | VV | 2792           | 53301   | 1.00%  | 0.107% |
| 276 | 18.228 | 18.209 | 18.241 | VV | 3045           | 49864   | 0.93%  | 0.100% |
| 277 | 18.269 | 18.241 | 18.321 | VV | 6262           | 184885  | 3.46%  | 0.370% |
| 278 | 18.356 | 18.321 | 18.378 | VV | 2488           | 51829   | 0.97%  | 0.104% |
| 279 | 18.409 | 18.378 | 18.450 | PV | 10975          | 214103  | 4.01%  | 0.428% |
| 280 | 18.501 | 18.450 | 18.567 | VV | 39046          | 887183  | 16.61% | 1.774% |
| 281 | 18.584 | 18.567 | 18.605 | VV | 4063           | 65188   | 1.22%  | 0.130% |
| 282 | 18.631 | 18.605 | 18.649 | VV | 11698          | 177541  | 3.32%  | 0.355% |
| 283 | 18.666 | 18.649 | 18.725 | VV | 8737           | 183603  | 3.44%  | 0.367% |
| 284 | 18.755 | 18.725 | 18.803 | PV | 35521          | 487597  | 9.13%  | 0.975% |
| 285 | 18.837 | 18.803 | 18.858 | VV | 3758           | 67608   | 1.27%  | 0.135% |
| 286 | 18.888 | 18.858 | 18.913 | VV | 10388          | 159445  | 2.98%  | 0.319% |
| 287 | 18.935 | 18.913 | 18.963 | VV | 4588           | 70279   | 1.32%  | 0.141% |
| 288 | 18.984 | 18.963 | 19.018 | VV | 975            | 14349   | 0.27%  | 0.029% |
| 289 | 19.054 | 19.018 | 19.078 | VV | 2114           | 50488   | 0.95%  | 0.101% |
| 290 | 19.097 | 19.078 | 19.134 | VV | 1965           | 34409   | 0.64%  | 0.069% |
| 291 | 19.188 | 19.134 | 19.207 | VV | 2829           | 54328   | 1.02%  | 0.109% |
| 292 | 19.227 | 19.207 | 19.246 | VV | 1557           | 30134   | 0.56%  | 0.060% |
| 293 | 19.268 | 19.246 | 19.284 | VV | 2997           | 46682   | 0.87%  | 0.093% |
| 294 | 19.332 | 19.284 | 19.398 | VV | 5974           | 260498  | 4.88%  | 0.521% |
| 295 | 19.439 | 19.398 | 19.461 | VV | 4322           | 114108  | 2.14%  | 0.228% |
| 296 | 19.470 | 19.461 | 19.491 | VV | 3058           | 41641   | 0.78%  | 0.083% |
| 297 | 19.562 | 19.491 | 19.574 | VV | 2430           | 92621   | 1.73%  | 0.185% |
| 298 | 19.605 | 19.574 | 19.617 | VV | 2838           | 61333   | 1.15%  | 0.123% |
| 299 | 19.629 | 19.617 | 19.634 | VV | 2448           | 24597   | 0.46%  | 0.049% |
| 300 | 19.648 | 19.634 | 19.664 | VV | 2328           | 38464   | 0.72%  | 0.077% |
| 301 | 19.721 | 19.664 | 19.748 | VV | 5172           | 164066  | 3.07%  | 0.328% |
| 302 | 19.787 | 19.748 | 19.811 | VV | 4307           | 149585  | 2.80%  | 0.299% |
| 303 | 19.851 | 19.811 | 19.878 | VV | 6870           | 209859  | 3.93%  | 0.420% |
| 304 | 19.914 | 19.878 | 19.940 | VV | 18237          | 401545  | 7.52%  | 0.803% |
| 305 | 19.981 | 19.940 | 20.012 | VV | 19006          | 523251  | 9.79%  | 1.046% |
| 306 | 20.036 | 20.012 | 20.053 | VV | 10929          | 249868  | 4.68%  | 0.500% |
| 307 | 20.091 | 20.053 | 20.138 | VV | 11809          | 540983  | 10.13% | 1.082% |
| 308 | 20.198 | 20.138 | 20.221 | VV | 11625          | 487921  | 9.13%  | 0.976% |
| 309 | 20.291 | 20.221 | 20.324 | VV | 25868          | 928245  | 17.38% | 1.856% |
| 310 | 20.362 | 20.324 | 20.407 | VV | 18334          | 768163  | 14.38% | 1.536% |
| 311 | 20.439 | 20.407 | 20.452 | VV | 17153          | 425145  | 7.96%  | 0.850% |
| 312 | 20.464 | 20.452 | 20.482 | VV | 16503          | 295490  | 5.53%  | 0.591% |
| 313 | 20.571 | 20.482 | 20.591 | VV | 17689          | 1074668 | 20.12% | 2.149% |
| 314 | 20.632 | 20.591 | 20.661 | VV | 20516          | 787379  | 14.74% | 1.574% |
| 315 | 20.716 | 20.661 | 20.734 | VV | 19800          | 858734  | 16.07% | 1.717% |
| 316 | 20.743 | 20.734 | 20.757 | VV | 19523          | 258815  | 4.84%  | 0.517% |

|     |        |        |        |    |                         |          |        |        |
|-----|--------|--------|--------|----|-------------------------|----------|--------|--------|
|     |        |        |        |    | rteres                  |          |        |        |
| 317 | 20.827 | 20.757 | 20.847 | VV | 21177                   | 1082904  | 20.27% | 2.165% |
| 318 | 20.866 | 20.847 | 20.911 | VV | 20298                   | 771616   | 14.44% | 1.543% |
| 319 | 20.948 | 20.911 | 21.026 | VV | 19958                   | 1300003  | 24.33% | 2.599% |
| 320 | 21.036 | 21.026 | 21.053 | VV | 17232                   | 275523   | 5.16%  | 0.551% |
| 321 | 21.061 | 21.053 | 21.069 | VV | 16568                   | 162105   | 3.03%  | 0.324% |
| 322 | 21.100 | 21.069 | 21.111 | VV | 16241                   | 404657   | 7.57%  | 0.809% |
| 323 | 21.137 | 21.111 | 21.148 | VV | 16186                   | 358152   | 6.70%  | 0.716% |
| 324 | 21.212 | 21.148 | 21.280 | VV | 16550                   | 1210530  | 22.66% | 2.420% |
| 325 | 21.323 | 21.280 | 21.345 | VV | 13688                   | 516697   | 9.67%  | 1.033% |
| 326 | 21.354 | 21.345 | 21.391 | VV | 12777                   | 337170   | 6.31%  | 0.674% |
| 327 | 21.420 | 21.391 | 21.468 | VV | 11680                   | 507651   | 9.50%  | 1.015% |
| 328 | 21.481 | 21.468 | 21.491 | VV | 9949                    | 136959   | 2.56%  | 0.274% |
| 329 | 21.529 | 21.491 | 21.568 | VV | 10439                   | 446964   | 8.37%  | 0.894% |
| 330 | 21.579 | 21.568 | 21.598 | VV | 8323                    | 145874   | 2.73%  | 0.292% |
| 331 | 21.617 | 21.598 | 21.629 | VV | 8336                    | 151458   | 2.84%  | 0.303% |
| 332 | 21.636 | 21.629 | 21.659 | VV | 8057                    | 143302   | 2.68%  | 0.287% |
| 333 | 21.709 | 21.659 | 21.824 | VV | 9253                    | 652730   | 12.22% | 1.305% |
| 334 | 21.839 | 21.824 | 21.856 | VV | 3422                    | 62928    | 1.18%  | 0.126% |
| 335 | 21.883 | 21.856 | 21.907 | VV | 3250                    | 92786    | 1.74%  | 0.186% |
| 336 | 21.928 | 21.907 | 21.961 | VV | 2783                    | 76167    | 1.43%  | 0.152% |
| 337 | 22.021 | 21.961 | 22.063 | VV | 2799                    | 110222   | 2.06%  | 0.220% |
| 338 | 22.106 | 22.063 | 22.125 | VV | 1410                    | 36610    | 0.69%  | 0.073% |
| 339 | 22.152 | 22.125 | 22.191 | VV | 1626                    | 35542    | 0.67%  | 0.071% |
|     |        |        |        |    | Sum of corrected areas: | 50015812 |        |        |

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