

rteres

## Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE041224AL\  
Data File : FE047610.D  
Signal(s) : FID1B.ch  
Acq On : 12 Apr 2024 18:31  
Sample : P2091-02  
Misc :  
ALS Vial : 15 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 040224.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         | 3.192       | 3.121        | 3.278      | BV       | 1523           | 44844        | 0.56%          | 0.027%        |
| 2         | 3.309       | 3.278        | 3.330      | PV       | 2341           | 26001        | 0.32%          | 0.015%        |
| 3         | 3.341       | 3.330        | 3.406      | VV       | 586            | 8831         | 0.11%          | 0.005%        |
| 4         | 3.415       | 3.406        | 3.454      | VV       | 69             | 1927         | 0.02%          | 0.001%        |
| 5         | 3.495       | 3.454        | 3.514      | PV       | 400            | 5865         | 0.07%          | 0.003%        |
| 6         | 3.543       | 3.514        | 3.605      | VV       | 763            | 11936        | 0.15%          | 0.007%        |
| 7         | 3.608       | 3.605        | 3.692      | PV       | 87             | 2157         | 0.03%          | 0.001%        |
| 8         | 3.709       | 3.692        | 3.736      | PV       | 845            | 8767         | 0.11%          | 0.005%        |
| 9         | 3.781       | 3.736        | 3.804      | VV       | 1163           | 16973        | 0.21%          | 0.010%        |
| 10        | 3.832       | 3.804        | 3.877      | VV       | 9098           | 89231        | 1.11%          | 0.053%        |
| 11        | 3.892       | 3.877        | 3.925      | PV       | 133            | 1976         | 0.02%          | 0.001%        |
| 12        | 3.947       | 3.925        | 3.987      | VV       | 7080           | 68459        | 0.85%          | 0.040%        |
| 13        | 4.007       | 3.987        | 4.021      | VV       | 267            | 2787         | 0.03%          | 0.002%        |
| 14        | 4.037       | 4.021        | 4.101      | VV       | 1530           | 22805        | 0.28%          | 0.013%        |
| 15        | 4.105       | 4.101        | 4.120      | VV       | 170            | 1317         | 0.02%          | 0.001%        |
| 16        | 4.139       | 4.120        | 4.202      | PV       | 1693           | 29535        | 0.37%          | 0.017%        |
| 17        | 4.216       | 4.202        | 4.253      | VV       | 329            | 6035         | 0.07%          | 0.004%        |
| 18        | 4.265       | 4.253        | 4.285      | VV       | 246            | 3091         | 0.04%          | 0.002%        |
| 19        | 4.322       | 4.285        | 4.369      | VV       | 1933           | 51932        | 0.64%          | 0.031%        |
| 20        | 4.379       | 4.369        | 4.485      | VV       | 487            | 11978        | 0.15%          | 0.007%        |
| 21        | 4.498       | 4.485        | 4.591      | PV       | 146            | 4210         | 0.05%          | 0.002%        |
| 22        | 4.616       | 4.591        | 4.641      | VV       | 474            | 5837         | 0.07%          | 0.003%        |
| 23        | 4.653       | 4.641        | 4.671      | VV       | 327            | 4020         | 0.05%          | 0.002%        |
| 24        | 4.683       | 4.671        | 4.758      | VV       | 236            | 4065         | 0.05%          | 0.002%        |
| 25        | 4.774       | 4.758        | 4.811      | VV       | 610            | 6922         | 0.09%          | 0.004%        |
| 26        | 4.846       | 4.811        | 4.885      | PV       | 1768           | 29392        | 0.36%          | 0.017%        |
| 27        | 4.899       | 4.885        | 4.958      | VV       | 414            | 10014        | 0.12%          | 0.006%        |
| 28        | 4.978       | 4.958        | 5.013      | VV       | 584            | 10112        | 0.13%          | 0.006%        |
| 29        | 5.036       | 5.013        | 5.054      | VV       | 305            | 5643         | 0.07%          | 0.003%        |
| 30        | 5.066       | 5.054        | 5.075      | VV       | 256            | 2933         | 0.04%          | 0.002%        |
| 31        | 5.086       | 5.075        | 5.171      | VV       | 469            | 15632        | 0.19%          | 0.009%        |

|    |       |       |       |    |        |        |       |        |
|----|-------|-------|-------|----|--------|--------|-------|--------|
|    |       |       |       |    | rteres |        |       |        |
| 32 | 5.194 | 5.171 | 5.212 | VV | 503    | 6510   | 0.08% | 0.004% |
| 33 | 5.233 | 5.212 | 5.261 | VV | 320    | 5836   | 0.07% | 0.003% |
| 34 | 5.272 | 5.261 | 5.313 | VV | 177    | 4329   | 0.05% | 0.003% |
| 35 | 5.340 | 5.313 | 5.359 | VV | 477    | 7894   | 0.10% | 0.005% |
| 36 | 5.375 | 5.359 | 5.396 | VV | 399    | 6213   | 0.08% | 0.004% |
| 37 | 5.404 | 5.396 | 5.421 | VV | 254    | 3154   | 0.04% | 0.002% |
| 38 | 5.433 | 5.421 | 5.448 | VV | 302    | 3176   | 0.04% | 0.002% |
| 39 | 5.459 | 5.448 | 5.477 | VV | 185    | 1918   | 0.02% | 0.001% |
| 40 | 5.499 | 5.477 | 5.510 | PV | 311    | 4025   | 0.05% | 0.002% |
| 41 | 5.520 | 5.510 | 5.541 | VV | 316    | 4376   | 0.05% | 0.003% |
| 42 | 5.557 | 5.541 | 5.595 | VV | 773    | 10806  | 0.13% | 0.006% |
| 43 | 5.622 | 5.595 | 5.648 | VV | 277    | 5830   | 0.07% | 0.003% |
| 44 | 5.661 | 5.648 | 5.680 | VV | 181    | 2094   | 0.03% | 0.001% |
| 45 | 5.691 | 5.680 | 5.712 | VV | 174    | 2143   | 0.03% | 0.001% |
| 46 | 5.725 | 5.712 | 5.733 | PV | 70     | 857    | 0.01% | 0.001% |
| 47 | 5.753 | 5.733 | 5.769 | VV | 698    | 7982   | 0.10% | 0.005% |
| 48 | 5.785 | 5.769 | 5.836 | VV | 851    | 14897  | 0.18% | 0.009% |
| 49 | 5.858 | 5.836 | 5.897 | VV | 385    | 6343   | 0.08% | 0.004% |
| 50 | 5.914 | 5.897 | 5.924 | VV | 96     | 1225   | 0.02% | 0.001% |
| 51 | 5.944 | 5.924 | 5.969 | VV | 474    | 6788   | 0.08% | 0.004% |
| 52 | 6.024 | 5.969 | 6.038 | PV | 860    | 16494  | 0.20% | 0.010% |
| 53 | 6.069 | 6.038 | 6.091 | VV | 893    | 20479  | 0.25% | 0.012% |
| 54 | 6.101 | 6.091 | 6.173 | VV | 546    | 12547  | 0.16% | 0.007% |
| 55 | 6.186 | 6.173 | 6.201 | VV | 152    | 1804   | 0.02% | 0.001% |
| 56 | 6.223 | 6.201 | 6.247 | VV | 217    | 2962   | 0.04% | 0.002% |
| 57 | 6.289 | 6.247 | 6.301 | VV | 200    | 3404   | 0.04% | 0.002% |
| 58 | 6.327 | 6.301 | 6.360 | VV | 23638  | 236142 | 2.93% | 0.140% |
| 59 | 6.378 | 6.360 | 6.416 | VV | 1096   | 18930  | 0.24% | 0.011% |
| 60 | 6.426 | 6.416 | 6.455 | VV | 282    | 5077   | 0.06% | 0.003% |
| 61 | 6.489 | 6.455 | 6.530 | VV | 347    | 7770   | 0.10% | 0.005% |
| 62 | 6.551 | 6.530 | 6.564 | VV | 183    | 1932   | 0.02% | 0.001% |
| 63 | 6.578 | 6.564 | 6.597 | VV | 138    | 2209   | 0.03% | 0.001% |
| 64 | 6.623 | 6.597 | 6.647 | VV | 525    | 6775   | 0.08% | 0.004% |
| 65 | 6.676 | 6.647 | 6.691 | VV | 160    | 2625   | 0.03% | 0.002% |
| 66 | 6.705 | 6.691 | 6.716 | VV | 209    | 2737   | 0.03% | 0.002% |
| 67 | 6.731 | 6.716 | 6.754 | VV | 300    | 4166   | 0.05% | 0.002% |
| 68 | 6.778 | 6.754 | 6.819 | VV | 1213   | 17627  | 0.22% | 0.010% |
| 69 | 6.862 | 6.819 | 6.883 | VV | 446    | 7236   | 0.09% | 0.004% |
| 70 | 6.908 | 6.883 | 6.957 | VV | 1338   | 20137  | 0.25% | 0.012% |
| 71 | 6.980 | 6.957 | 7.035 | VV | 504    | 7696   | 0.10% | 0.005% |
| 72 | 7.068 | 7.035 | 7.086 | PV | 374    | 4717   | 0.06% | 0.003% |
| 73 | 7.108 | 7.086 | 7.157 | VV | 511    | 10534  | 0.13% | 0.006% |
| 74 | 7.181 | 7.157 | 7.209 | VV | 728    | 13049  | 0.16% | 0.008% |
| 75 | 7.269 | 7.209 | 7.308 | VV | 717    | 20070  | 0.25% | 0.012% |
| 76 | 7.326 | 7.308 | 7.343 | VV | 933    | 12561  | 0.16% | 0.007% |
| 77 | 7.360 | 7.343 | 7.387 | VV | 509    | 9340   | 0.12% | 0.006% |
| 78 | 7.423 | 7.387 | 7.464 | VV | 12963  | 143177 | 1.78% | 0.085% |
| 79 | 7.474 | 7.464 | 7.491 | VV | 647    | 8169   | 0.10% | 0.005% |

|     |        |        |        |    |               |        |       |        |
|-----|--------|--------|--------|----|---------------|--------|-------|--------|
| 80  | 7.519  | 7.491  | 7.538  | VV | rteres<br>957 | 16900  | 0.21% | 0.010% |
| 81  | 7.561  | 7.538  | 7.588  | VV | 11790         | 116829 | 1.45% | 0.069% |
| 82  | 7.600  | 7.588  | 7.617  | VV | 339           | 5466   | 0.07% | 0.003% |
| 83  | 7.627  | 7.617  | 7.670  | VV | 396           | 8398   | 0.10% | 0.005% |
| 84  | 7.695  | 7.670  | 7.706  | VV | 328           | 5656   | 0.07% | 0.003% |
| 85  | 7.732  | 7.706  | 7.775  | VV | 1010          | 20246  | 0.25% | 0.012% |
| 86  | 7.790  | 7.775  | 7.834  | VV | 335           | 6822   | 0.08% | 0.004% |
| 87  | 7.865  | 7.834  | 7.884  | VV | 307           | 6067   | 0.08% | 0.004% |
| 88  | 7.912  | 7.884  | 7.938  | VV | 371           | 5880   | 0.07% | 0.003% |
| 89  | 7.959  | 7.938  | 7.981  | PV | 115           | 1862   | 0.02% | 0.001% |
| 90  | 7.992  | 7.981  | 8.001  | PV | 130           | 678    | 0.01% | 0.000% |
| 91  | 8.162  | 8.128  | 8.245  | VV | 3605          | 69426  | 0.86% | 0.041% |
| 92  | 8.264  | 8.245  | 8.284  | VV | 607           | 9111   | 0.11% | 0.005% |
| 93  | 8.322  | 8.284  | 8.381  | VV | 2600          | 56372  | 0.70% | 0.033% |
| 94  | 8.434  | 8.381  | 8.477  | VV | 4682          | 107943 | 1.34% | 0.064% |
| 95  | 8.497  | 8.477  | 8.514  | VV | 886           | 15319  | 0.19% | 0.009% |
| 96  | 8.541  | 8.514  | 8.557  | VV | 10427         | 116178 | 1.44% | 0.069% |
| 97  | 8.569  | 8.557  | 8.586  | VV | 5973          | 64427  | 0.80% | 0.038% |
| 98  | 8.600  | 8.586  | 8.644  | VV | 2648          | 58643  | 0.73% | 0.035% |
| 99  | 8.657  | 8.644  | 8.674  | VV | 671           | 9546   | 0.12% | 0.006% |
| 100 | 8.728  | 8.674  | 8.765  | VV | 10920         | 203825 | 2.53% | 0.120% |
| 101 | 8.778  | 8.765  | 8.799  | VV | 1309          | 17904  | 0.22% | 0.011% |
| 102 | 8.819  | 8.799  | 8.836  | VV | 2407          | 26773  | 0.33% | 0.016% |
| 103 | 8.848  | 8.836  | 8.888  | VV | 793           | 13955  | 0.17% | 0.008% |
| 104 | 9.026  | 8.999  | 9.052  | VV | 32995         | 354365 | 4.40% | 0.209% |
| 105 | 9.071  | 9.052  | 9.118  | VV | 3751          | 78853  | 0.98% | 0.047% |
| 106 | 9.143  | 9.118  | 9.178  | VV | 2202          | 51197  | 0.64% | 0.030% |
| 107 | 9.188  | 9.178  | 9.204  | VV | 874           | 12094  | 0.15% | 0.007% |
| 108 | 9.215  | 9.204  | 9.226  | VV | 662           | 8380   | 0.10% | 0.005% |
| 109 | 9.267  | 9.226  | 9.281  | VV | 4408          | 66287  | 0.82% | 0.039% |
| 110 | 9.300  | 9.281  | 9.328  | VV | 17196         | 187884 | 2.33% | 0.111% |
| 111 | 9.342  | 9.328  | 9.370  | VV | 1524          | 29867  | 0.37% | 0.018% |
| 112 | 9.392  | 9.370  | 9.409  | VV | 1557          | 25878  | 0.32% | 0.015% |
| 113 | 9.439  | 9.409  | 9.458  | VV | 5032          | 68006  | 0.84% | 0.040% |
| 114 | 9.479  | 9.458  | 9.521  | VV | 5301          | 89684  | 1.11% | 0.053% |
| 115 | 9.537  | 9.521  | 9.567  | VV | 800           | 14553  | 0.18% | 0.009% |
| 116 | 9.595  | 9.567  | 9.612  | VV | 3621          | 44172  | 0.55% | 0.026% |
| 117 | 9.627  | 9.612  | 9.649  | VV | 3089          | 34069  | 0.42% | 0.020% |
| 118 | 9.681  | 9.649  | 9.697  | VV | 1590          | 23953  | 0.30% | 0.014% |
| 119 | 9.732  | 9.697  | 9.753  | VV | 3169          | 51075  | 0.63% | 0.030% |
| 120 | 9.773  | 9.753  | 9.789  | VV | 1977          | 26699  | 0.33% | 0.016% |
| 121 | 9.815  | 9.789  | 9.871  | VV | 43645         | 495863 | 6.16% | 0.293% |
| 122 | 9.895  | 9.871  | 9.923  | VV | 3960          | 69329  | 0.86% | 0.041% |
| 123 | 9.938  | 9.923  | 9.947  | VV | 3134          | 32816  | 0.41% | 0.019% |
| 124 | 9.967  | 9.947  | 9.986  | VV | 8188          | 111767 | 1.39% | 0.066% |
| 125 | 9.994  | 9.986  | 10.009 | VV | 2965          | 30482  | 0.38% | 0.018% |
| 126 | 10.028 | 10.009 | 10.061 | VV | 4912          | 71061  | 0.88% | 0.042% |

|     |        |        |        |    |        |         |        |        |
|-----|--------|--------|--------|----|--------|---------|--------|--------|
|     |        |        |        |    | rteres |         |        |        |
| 127 | 10.080 | 10.061 | 10.115 | VV | 2005   | 35208   | 0.44%  | 0.021% |
| 128 | 10.138 | 10.115 | 10.166 | VV | 7792   | 104002  | 1.29%  | 0.061% |
| 129 | 10.187 | 10.166 | 10.202 | VV | 1410   | 26054   | 0.32%  | 0.015% |
| 130 | 10.238 | 10.202 | 10.285 | VV | 9470   | 170395  | 2.12%  | 0.101% |
| 131 | 10.301 | 10.285 | 10.319 | VV | 1866   | 24540   | 0.30%  | 0.015% |
| 132 | 10.334 | 10.319 | 10.365 | VV | 1180   | 19696   | 0.24%  | 0.012% |
| 133 | 10.402 | 10.365 | 10.458 | VV | 1222   | 29996   | 0.37%  | 0.018% |
| 134 | 10.504 | 10.458 | 10.540 | PV | 749    | 17567   | 0.22%  | 0.010% |
| 135 | 10.562 | 10.540 | 10.591 | VV | 1602   | 25220   | 0.31%  | 0.015% |
| 136 | 10.613 | 10.591 | 10.633 | VV | 1760   | 25372   | 0.32%  | 0.015% |
| 137 | 10.671 | 10.633 | 10.680 | VV | 2779   | 43465   | 0.54%  | 0.026% |
| 138 | 10.701 | 10.680 | 10.723 | VV | 9985   | 128896  | 1.60%  | 0.076% |
| 139 | 10.741 | 10.723 | 10.774 | VV | 5303   | 68119   | 0.85%  | 0.040% |
| 140 | 10.819 | 10.774 | 10.854 | VV | 6297   | 121252  | 1.51%  | 0.072% |
| 141 | 10.873 | 10.854 | 10.929 | VV | 3502   | 78433   | 0.97%  | 0.046% |
| 142 | 10.960 | 10.929 | 10.973 | VV | 3837   | 54674   | 0.68%  | 0.032% |
| 143 | 10.989 | 10.973 | 11.001 | VV | 4598   | 54638   | 0.68%  | 0.032% |
| 144 | 11.026 | 11.001 | 11.064 | VV | 14460  | 220731  | 2.74%  | 0.130% |
| 145 | 11.121 | 11.064 | 11.139 | VV | 2874   | 56671   | 0.70%  | 0.033% |
| 146 | 11.154 | 11.139 | 11.171 | VV | 901    | 13356   | 0.17%  | 0.008% |
| 147 | 11.226 | 11.171 | 11.272 | VV | 240617 | 2647455 | 32.87% | 1.565% |
| 148 | 11.299 | 11.272 | 11.342 | VV | 76789  | 882364  | 10.96% | 0.522% |
| 149 | 11.352 | 11.342 | 11.368 | VV | 3187   | 39121   | 0.49%  | 0.023% |
| 150 | 11.379 | 11.368 | 11.450 | VV | 2265   | 55692   | 0.69%  | 0.033% |
| 151 | 11.469 | 11.450 | 11.489 | VV | 2593   | 27503   | 0.34%  | 0.016% |
| 152 | 11.512 | 11.489 | 11.554 | VV | 10650  | 137641  | 1.71%  | 0.081% |
| 153 | 11.586 | 11.554 | 11.602 | PV | 1487   | 28207   | 0.35%  | 0.017% |
| 154 | 11.621 | 11.602 | 11.641 | VV | 2299   | 36960   | 0.46%  | 0.022% |
| 155 | 11.664 | 11.641 | 11.685 | VV | 3412   | 52461   | 0.65%  | 0.031% |
| 156 | 11.754 | 11.685 | 11.792 | VV | 8190   | 182987  | 2.27%  | 0.108% |
| 157 | 11.821 | 11.792 | 11.844 | PV | 3108   | 43843   | 0.54%  | 0.026% |
| 158 | 11.878 | 11.844 | 11.900 | VV | 5141   | 65053   | 0.81%  | 0.038% |
| 159 | 11.918 | 11.900 | 11.941 | VV | 1262   | 17456   | 0.22%  | 0.010% |
| 160 | 11.990 | 11.941 | 12.013 | VV | 369713 | 4065749 | 50.48% | 2.403% |
| 161 | 12.028 | 12.013 | 12.043 | VV | 26247  | 282599  | 3.51%  | 0.167% |
| 162 | 12.059 | 12.043 | 12.102 | VV | 32220  | 368361  | 4.57%  | 0.218% |
| 163 | 12.144 | 12.102 | 12.163 | VV | 38445  | 559392  | 6.95%  | 0.331% |
| 164 | 12.177 | 12.163 | 12.191 | VV | 15002  | 173008  | 2.15%  | 0.102% |
| 165 | 12.208 | 12.191 | 12.236 | VV | 20916  | 257529  | 3.20%  | 0.152% |
| 166 | 12.249 | 12.236 | 12.260 | PV | 474    | 3986    | 0.05%  | 0.002% |
| 167 | 12.285 | 12.260 | 12.303 | VV | 1644   | 21951   | 0.27%  | 0.013% |
| 168 | 12.336 | 12.303 | 12.361 | VV | 2904   | 48100   | 0.60%  | 0.028% |
| 169 | 12.386 | 12.361 | 12.406 | VV | 7317   | 84834   | 1.05%  | 0.050% |
| 170 | 12.428 | 12.406 | 12.472 | VV | 2861   | 56326   | 0.70%  | 0.033% |
| 171 | 12.498 | 12.472 | 12.519 | VV | 15910  | 175207  | 2.18%  | 0.104% |
| 172 | 12.531 | 12.519 | 12.545 | VV | 2469   | 27965   | 0.35%  | 0.017% |
| 173 | 12.581 | 12.545 | 12.623 | VV | 17067  | 232770  | 2.89%  | 0.138% |
| 174 | 12.646 | 12.623 | 12.663 | VV | 2402   | 30010   | 0.37%  | 0.018% |

|     |        |        |        |    |        |         |        |        |
|-----|--------|--------|--------|----|--------|---------|--------|--------|
| 175 | 12.678 | 12.663 | 12.692 | VV | 1572   | 18597   | 0.23%  | 0.011% |
| 176 | 12.708 | 12.692 | 12.721 | VV | 1828   | 22772   | 0.28%  | 0.013% |
| 177 | 12.751 | 12.721 | 12.762 | VV | 3132   | 48716   | 0.60%  | 0.029% |
| 178 | 12.774 | 12.762 | 12.801 | VV | 3322   | 46972   | 0.58%  | 0.028% |
| 179 | 12.820 | 12.801 | 12.858 | VV | 6927   | 115015  | 1.43%  | 0.068% |
| 180 | 12.880 | 12.858 | 12.908 | PV | 4907   | 90859   | 1.13%  | 0.054% |
| 181 | 12.930 | 12.908 | 12.948 | VV | 16902  | 206901  | 2.57%  | 0.122% |
| 182 | 12.969 | 12.948 | 13.011 | VV | 8151   | 214766  | 2.67%  | 0.127% |
| 183 | 13.049 | 13.011 | 13.090 | VV | 271524 | 3048990 | 37.86% | 1.802% |
| 184 | 13.107 | 13.090 | 13.127 | VV | 3064   | 43165   | 0.54%  | 0.026% |
| 185 | 13.144 | 13.127 | 13.157 | VV | 1362   | 19109   | 0.24%  | 0.011% |
| 186 | 13.201 | 13.157 | 13.215 | VV | 5417   | 137434  | 1.71%  | 0.081% |
| 187 | 13.234 | 13.215 | 13.317 | VV | 9469   | 244801  | 3.04%  | 0.145% |
| 188 | 13.348 | 13.317 | 13.379 | VV | 210047 | 2372127 | 29.45% | 1.402% |
| 189 | 13.425 | 13.379 | 13.496 | VV | 298487 | 4136952 | 51.36% | 2.445% |
| 190 | 13.518 | 13.496 | 13.531 | VV | 8053   | 98922   | 1.23%  | 0.058% |
| 191 | 13.544 | 13.531 | 13.569 | VV | 7563   | 100239  | 1.24%  | 0.059% |
| 192 | 13.611 | 13.569 | 13.632 | VV | 10972  | 173750  | 2.16%  | 0.103% |
| 193 | 13.680 | 13.632 | 13.708 | VV | 5499   | 149076  | 1.85%  | 0.088% |
| 194 | 13.742 | 13.708 | 13.759 | VV | 6991   | 92170   | 1.14%  | 0.054% |
| 195 | 13.768 | 13.759 | 13.780 | VV | 2744   | 30626   | 0.38%  | 0.018% |
| 196 | 13.806 | 13.780 | 13.876 | VV | 14716  | 266036  | 3.30%  | 0.157% |
| 197 | 13.934 | 13.876 | 13.975 | PV | 43526  | 650431  | 8.08%  | 0.384% |
| 198 | 14.003 | 13.975 | 14.017 | VV | 4276   | 68263   | 0.85%  | 0.040% |
| 199 | 14.042 | 14.017 | 14.065 | VV | 33710  | 437966  | 5.44%  | 0.259% |
| 200 | 14.083 | 14.065 | 14.107 | VV | 16530  | 228438  | 2.84%  | 0.135% |
| 201 | 14.124 | 14.107 | 14.146 | VV | 8925   | 125880  | 1.56%  | 0.074% |
| 202 | 14.174 | 14.146 | 14.193 | VV | 8581   | 177052  | 2.20%  | 0.105% |
| 203 | 14.212 | 14.193 | 14.234 | VV | 16138  | 230226  | 2.86%  | 0.136% |
| 204 | 14.253 | 14.234 | 14.289 | VV | 12763  | 172632  | 2.14%  | 0.102% |
| 205 | 14.325 | 14.289 | 14.345 | VV | 2750   | 50046   | 0.62%  | 0.030% |
| 206 | 14.362 | 14.345 | 14.382 | VV | 1155   | 19665   | 0.24%  | 0.012% |
| 207 | 14.414 | 14.382 | 14.427 | VV | 1449   | 30325   | 0.38%  | 0.018% |
| 208 | 14.442 | 14.427 | 14.452 | VV | 1199   | 16316   | 0.20%  | 0.010% |
| 209 | 14.462 | 14.452 | 14.481 | VV | 1141   | 12445   | 0.15%  | 0.007% |
| 210 | 14.518 | 14.481 | 14.548 | PV | 1609   | 30863   | 0.38%  | 0.018% |
| 211 | 14.572 | 14.548 | 14.584 | VV | 908    | 15733   | 0.20%  | 0.009% |
| 212 | 14.638 | 14.584 | 14.655 | VV | 7430   | 174124  | 2.16%  | 0.103% |
| 213 | 14.670 | 14.655 | 14.711 | VV | 7664   | 150721  | 1.87%  | 0.089% |
| 214 | 14.738 | 14.711 | 14.758 | VV | 7801   | 138952  | 1.73%  | 0.082% |
| 215 | 14.773 | 14.758 | 14.821 | VV | 6492   | 153450  | 1.91%  | 0.091% |
| 216 | 14.850 | 14.821 | 14.888 | VV | 15513  | 287114  | 3.56%  | 0.170% |
| 217 | 14.913 | 14.888 | 14.936 | VV | 27712  | 387358  | 4.81%  | 0.229% |
| 218 | 14.979 | 14.936 | 15.012 | VV | 31169  | 533279  | 6.62%  | 0.315% |
| 219 | 15.059 | 15.012 | 15.081 | VV | 26321  | 393504  | 4.89%  | 0.233% |
| 220 | 15.094 | 15.081 | 15.149 | VV | 6557   | 133484  | 1.66%  | 0.079% |
| 221 | 15.176 | 15.149 | 15.193 | VV | 5782   | 74632   | 0.93%  | 0.044% |

|     |        |        |        |    |        |         |        |        |
|-----|--------|--------|--------|----|--------|---------|--------|--------|
|     |        |        |        |    | rteres |         |        |        |
| 222 | 15.225 | 15.193 | 15.245 | VV | 87409  | 1136303 | 14.11% | 0.672% |
| 223 | 15.267 | 15.245 | 15.300 | VV | 82215  | 1138974 | 14.14% | 0.673% |
| 224 | 15.311 | 15.300 | 15.341 | VV | 3553   | 56524   | 0.70%  | 0.033% |
| 225 | 15.384 | 15.341 | 15.442 | VV | 48104  | 780451  | 9.69%  | 0.461% |
| 226 | 15.462 | 15.442 | 15.499 | VV | 4332   | 81098   | 1.01%  | 0.048% |
| 227 | 15.530 | 15.499 | 15.548 | PV | 5511   | 92564   | 1.15%  | 0.055% |
| 228 | 15.568 | 15.548 | 15.611 | VV | 5610   | 141039  | 1.75%  | 0.083% |
| 229 | 15.663 | 15.611 | 15.703 | VV | 11895  | 270045  | 3.35%  | 0.160% |
| 230 | 15.710 | 15.703 | 15.749 | VV | 2770   | 36903   | 0.46%  | 0.022% |
| 231 | 15.817 | 15.749 | 15.841 | PV | 36674  | 555850  | 6.90%  | 0.329% |
| 232 | 15.854 | 15.841 | 15.867 | VV | 6097   | 82404   | 1.02%  | 0.049% |
| 233 | 15.906 | 15.867 | 15.962 | VV | 32519  | 817010  | 10.14% | 0.483% |
| 234 | 15.982 | 15.962 | 15.999 | VV | 9540   | 146771  | 1.82%  | 0.087% |
| 235 | 16.059 | 15.999 | 16.098 | VV | 18771  | 608586  | 7.56%  | 0.360% |
| 236 | 16.134 | 16.098 | 16.161 | VV | 8771   | 201023  | 2.50%  | 0.119% |
| 237 | 16.184 | 16.161 | 16.205 | VV | 3995   | 89000   | 1.11%  | 0.053% |
| 238 | 16.220 | 16.205 | 16.239 | VV | 5781   | 88789   | 1.10%  | 0.052% |
| 239 | 16.256 | 16.239 | 16.275 | VV | 3505   | 66100   | 0.82%  | 0.039% |
| 240 | 16.301 | 16.275 | 16.316 | VV | 6688   | 120247  | 1.49%  | 0.071% |
| 241 | 16.324 | 16.316 | 16.353 | VV | 5113   | 75779   | 0.94%  | 0.045% |
| 242 | 16.394 | 16.353 | 16.416 | VV | 1437   | 44548   | 0.55%  | 0.026% |
| 243 | 16.430 | 16.416 | 16.442 | VV | 768    | 7405    | 0.09%  | 0.004% |
| 244 | 16.499 | 16.442 | 16.522 | PV | 3930   | 79258   | 0.98%  | 0.047% |
| 245 | 16.536 | 16.522 | 16.548 | VV | 1510   | 16664   | 0.21%  | 0.010% |
| 246 | 16.603 | 16.548 | 16.631 | PV | 4424   | 128454  | 1.59%  | 0.076% |
| 247 | 16.700 | 16.631 | 16.728 | VV | 4931   | 175706  | 2.18%  | 0.104% |
| 248 | 16.787 | 16.728 | 16.851 | VV | 84591  | 1710450 | 21.24% | 1.011% |
| 249 | 16.867 | 16.851 | 16.882 | VV | 3648   | 53289   | 0.66%  | 0.031% |
| 250 | 16.915 | 16.882 | 16.938 | VV | 19426  | 286477  | 3.56%  | 0.169% |
| 251 | 16.950 | 16.938 | 16.988 | VV | 4407   | 78295   | 0.97%  | 0.046% |
| 252 | 17.008 | 16.988 | 17.020 | VV | 1529   | 17156   | 0.21%  | 0.010% |
| 253 | 17.039 | 17.020 | 17.049 | PV | 1931   | 16001   | 0.20%  | 0.009% |
| 254 | 17.107 | 17.049 | 17.134 | VV | 50449  | 847108  | 10.52% | 0.501% |
| 255 | 17.164 | 17.134 | 17.206 | VV | 56832  | 788054  | 9.78%  | 0.466% |
| 256 | 17.267 | 17.206 | 17.298 | VV | 19760  | 443418  | 5.51%  | 0.262% |
| 257 | 17.320 | 17.298 | 17.341 | VV | 6193   | 119716  | 1.49%  | 0.071% |
| 258 | 17.373 | 17.341 | 17.384 | VV | 5124   | 88651   | 1.10%  | 0.052% |
| 259 | 17.420 | 17.384 | 17.448 | VV | 5978   | 185593  | 2.30%  | 0.110% |
| 260 | 17.471 | 17.448 | 17.487 | VV | 4738   | 77814   | 0.97%  | 0.046% |
| 261 | 17.526 | 17.487 | 17.554 | VV | 11339  | 286977  | 3.56%  | 0.170% |
| 262 | 17.568 | 17.554 | 17.601 | VV | 6499   | 119766  | 1.49%  | 0.071% |
| 263 | 17.627 | 17.601 | 17.641 | VV | 3035   | 50816   | 0.63%  | 0.030% |
| 264 | 17.695 | 17.641 | 17.723 | VV | 10087  | 258849  | 3.21%  | 0.153% |
| 265 | 17.750 | 17.723 | 17.767 | PV | 4652   | 71135   | 0.88%  | 0.042% |
| 266 | 17.782 | 17.767 | 17.797 | VV | 3887   | 45502   | 0.56%  | 0.027% |
| 267 | 17.824 | 17.797 | 17.854 | VV | 10835  | 174718  | 2.17%  | 0.103% |
| 268 | 17.885 | 17.854 | 17.898 | VV | 3191   | 53948   | 0.67%  | 0.032% |
| 269 | 17.931 | 17.898 | 17.964 | VV | 55017  | 781267  | 9.70%  | 0.462% |

|     |        |        |        |    |                 |         |         |        |
|-----|--------|--------|--------|----|-----------------|---------|---------|--------|
| 270 | 18.000 | 17.964 | 18.028 | VV | rteres<br>54216 | 808370  | 10.04%  | 0.478% |
| 271 | 18.142 | 18.028 | 18.177 | VV | 11534           | 670625  | 8.33%   | 0.396% |
| 272 | 18.226 | 18.177 | 18.239 | VV | 7202            | 213802  | 2.65%   | 0.126% |
| 273 | 18.262 | 18.239 | 18.275 | VV | 9121            | 157963  | 1.96%   | 0.093% |
| 274 | 18.296 | 18.275 | 18.316 | VV | 15419           | 290541  | 3.61%   | 0.172% |
| 275 | 18.326 | 18.316 | 18.351 | VV | 10870           | 190180  | 2.36%   | 0.112% |
| 276 | 18.361 | 18.351 | 18.374 | VV | 5873            | 75061   | 0.93%   | 0.044% |
| 277 | 18.390 | 18.374 | 18.411 | VV | 5080            | 93557   | 1.16%   | 0.055% |
| 278 | 18.444 | 18.411 | 18.457 | VV | 12891           | 221242  | 2.75%   | 0.131% |
| 279 | 18.469 | 18.457 | 18.481 | VV | 11927           | 151673  | 1.88%   | 0.090% |
| 280 | 18.536 | 18.481 | 18.601 | VV | 42779           | 1588738 | 19.73%  | 0.939% |
| 281 | 18.667 | 18.601 | 18.688 | VV | 28838           | 973068  | 12.08%  | 0.575% |
| 282 | 18.702 | 18.688 | 18.727 | VV | 20466           | 448439  | 5.57%   | 0.265% |
| 283 | 18.737 | 18.727 | 18.747 | VV | 18230           | 206703  | 2.57%   | 0.122% |
| 284 | 18.791 | 18.747 | 18.825 | VV | 48468           | 1250232 | 15.52%  | 0.739% |
| 285 | 18.877 | 18.825 | 18.888 | VV | 19365           | 656771  | 8.15%   | 0.388% |
| 286 | 18.922 | 18.888 | 18.945 | VV | 27585           | 720595  | 8.95%   | 0.426% |
| 287 | 18.969 | 18.945 | 19.009 | VV | 25327           | 802544  | 9.96%   | 0.474% |
| 288 | 19.088 | 19.009 | 19.115 | VV | 28944           | 1396042 | 17.33%  | 0.825% |
| 289 | 19.136 | 19.115 | 19.158 | VV | 28367           | 658221  | 8.17%   | 0.389% |
| 290 | 19.170 | 19.158 | 19.195 | VV | 23366           | 482228  | 5.99%   | 0.285% |
| 291 | 19.227 | 19.195 | 19.251 | VV | 29223           | 887157  | 11.01%  | 0.524% |
| 292 | 19.301 | 19.251 | 19.315 | VV | 32495           | 1105816 | 13.73%  | 0.654% |
| 293 | 19.338 | 19.315 | 19.384 | VV | 37356           | 1371741 | 17.03%  | 0.811% |
| 294 | 19.416 | 19.384 | 19.440 | VV | 36708           | 1149011 | 14.27%  | 0.679% |
| 295 | 19.483 | 19.440 | 19.501 | VV | 43634           | 1402574 | 17.41%  | 0.829% |
| 296 | 19.513 | 19.501 | 19.528 | VV | 39150           | 607599  | 7.54%   | 0.359% |
| 297 | 19.572 | 19.528 | 19.583 | VV | 37558           | 1177042 | 14.61%  | 0.696% |
| 298 | 19.599 | 19.583 | 19.611 | VV | 38629           | 613819  | 7.62%   | 0.363% |
| 299 | 19.685 | 19.611 | 19.720 | VV | 38372           | 2397906 | 29.77%  | 1.417% |
| 300 | 19.798 | 19.720 | 19.817 | VV | 49746           | 2560531 | 31.79%  | 1.513% |
| 301 | 19.878 | 19.817 | 19.901 | VV | 58113           | 2676787 | 33.23%  | 1.582% |
| 302 | 19.911 | 19.901 | 19.919 | VV | 50393           | 533966  | 6.63%   | 0.316% |
| 303 | 19.946 | 19.919 | 19.978 | VV | 61039           | 1959873 | 24.33%  | 1.158% |
| 304 | 20.016 | 19.978 | 20.028 | VV | 63450           | 1794313 | 22.28%  | 1.061% |
| 305 | 20.081 | 20.028 | 20.090 | VV | 66315           | 2386109 | 29.63%  | 1.410% |
| 306 | 20.120 | 20.090 | 20.135 | VV | 73189           | 1838733 | 22.83%  | 1.087% |
| 307 | 20.146 | 20.135 | 20.163 | VV | 71768           | 1205519 | 14.97%  | 0.713% |
| 308 | 20.195 | 20.163 | 20.206 | VV | 78199           | 1861394 | 23.11%  | 1.100% |
| 309 | 20.269 | 20.206 | 20.277 | VV | 83589           | 3390177 | 42.09%  | 2.004% |
| 310 | 20.321 | 20.277 | 20.374 | VV | 95814           | 5101439 | 63.34%  | 3.015% |
| 311 | 20.404 | 20.374 | 20.448 | VV | 90805           | 3770410 | 46.81%  | 2.229% |
| 312 | 20.493 | 20.448 | 20.501 | VV | 89368           | 2661674 | 33.05%  | 1.573% |
| 313 | 20.584 | 20.501 | 20.638 | VV | 106082          | 8054218 | 100.00% | 4.761% |
| 314 | 20.648 | 20.638 | 20.661 | VV | 98545           | 1376509 | 17.09%  | 0.814% |
| 315 | 20.763 | 20.661 | 20.781 | VV | 119729          | 7710101 | 95.73%  | 4.557% |
| 316 | 20.812 | 20.781 | 20.828 | VV | 115494          | 3169259 | 39.35%  | 1.873% |

|     |        |        |        |    |                         |           |        |        |
|-----|--------|--------|--------|----|-------------------------|-----------|--------|--------|
|     |        |        |        |    | rteres                  |           |        |        |
| 317 | 20.840 | 20.828 | 20.944 | VV | 111218                  | 6783382   | 84.22% | 4.009% |
| 318 | 21.012 | 20.944 | 21.031 | VV | 97810                   | 4763940   | 59.15% | 2.816% |
| 319 | 21.069 | 21.031 | 21.135 | VV | 101363                  | 5988919   | 74.36% | 3.540% |
| 320 | 21.146 | 21.135 | 21.167 | VV | 87837                   | 1689675   | 20.98% | 0.999% |
| 321 | 21.185 | 21.167 | 21.195 | VV | 84749                   | 1412655   | 17.54% | 0.835% |
| 322 | 21.218 | 21.195 | 21.277 | VV | 83937                   | 3776425   | 46.89% | 2.232% |
| 323 | 21.375 | 21.277 | 21.468 | VV | 76598                   | 7963393   | 98.87% | 4.707% |
| 324 | 21.478 | 21.468 | 21.494 | VV | 56999                   | 870408    | 10.81% | 0.514% |
| 325 | 21.513 | 21.494 | 21.528 | VV | 56931                   | 1120732   | 13.91% | 0.662% |
| 326 | 21.537 | 21.528 | 21.553 | VV | 57005                   | 834774    | 10.36% | 0.493% |
| 327 | 21.560 | 21.553 | 21.606 | VV | 54282                   | 1596059   | 19.82% | 0.943% |
| 328 | 21.675 | 21.606 | 21.713 | VV | 52838                   | 3158226   | 39.21% | 1.867% |
| 329 | 21.722 | 21.713 | 21.728 | VV | 46035                   | 432045    | 5.36%  | 0.255% |
| 330 | 21.754 | 21.728 | 21.764 | VV | 46640                   | 963367    | 11.96% | 0.569% |
| 331 | 21.773 | 21.764 | 21.798 | VV | 46007                   | 914015    | 11.35% | 0.540% |
| 332 | 21.801 | 21.798 | 21.925 | VV | 44027                   | 2323245   | 28.85% | 1.373% |
| 333 | 22.016 | 21.925 | 22.032 | VV | 30969                   | 1644841   | 20.42% | 0.972% |
| 334 | 22.048 | 22.032 | 22.098 | VV | 29404                   | 1006436   | 12.50% | 0.595% |
| 335 | 22.112 | 22.098 | 22.151 | VV | 21161                   | 556886    | 6.91%  | 0.329% |
| 336 | 22.163 | 22.151 | 22.171 | VV | 14119                   | 172307    | 2.14%  | 0.102% |
| 337 | 22.181 | 22.171 | 22.248 | VV | 14524                   | 320821    | 3.98%  | 0.190% |
|     |        |        |        |    | Sum of corrected areas: | 169183574 |        |        |

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