

rteres

## Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE081423AL\  
 Data File : FE043940.D  
 Signal(s) : FID1B.ch  
 Acq On : 14 Aug 2023 20:45  
 Sample : 03977-03  
 Misc :  
 ALS Vial : 19 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 080323.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         | 3.273       | 3.204        | 3.293      | BV       | 96             | 328          | 0.01%          | 0.001%        |
| 2         | 3.302       | 3.293        | 3.320      | VV       | 82             | 613          | 0.01%          | 0.001%        |
| 3         | 3.333       | 3.320        | 3.363      | VV       | 150            | 1625         | 0.03%          | 0.003%        |
| 4         | 3.374       | 3.363        | 3.387      | VV       | 140            | 777          | 0.01%          | 0.002%        |
| 5         | 3.421       | 3.387        | 3.444      | PV       | 119            | 2440         | 0.04%          | 0.005%        |
| 6         | 3.615       | 3.444        | 3.654      | VV       | 448            | 20431        | 0.37%          | 0.041%        |
| 7         | 3.674       | 3.654        | 3.707      | VV       | 537            | 10046        | 0.18%          | 0.020%        |
| 8         | 3.734       | 3.707        | 3.759      | VV       | 770            | 16393        | 0.30%          | 0.033%        |
| 9         | 3.773       | 3.759        | 3.808      | VV       | 615            | 14348        | 0.26%          | 0.029%        |
| 10        | 3.817       | 3.808        | 3.861      | VV       | 351            | 9338         | 0.17%          | 0.019%        |
| 11        | 3.866       | 3.861        | 3.871      | VV       | 336            | 1804         | 0.03%          | 0.004%        |
| 12        | 3.894       | 3.871        | 3.934      | VV       | 401            | 12468        | 0.23%          | 0.025%        |
| 13        | 4.040       | 3.934        | 4.098      | VV       | 602            | 32975        | 0.60%          | 0.067%        |
| 14        | 4.159       | 4.098        | 4.204      | VV       | 2092           | 47785        | 0.87%          | 0.097%        |
| 15        | 4.217       | 4.204        | 4.264      | VV       | 530            | 14421        | 0.26%          | 0.029%        |
| 16        | 4.295       | 4.264        | 4.334      | VV       | 5718           | 76882        | 1.40%          | 0.156%        |
| 17        | 4.348       | 4.334        | 4.398      | VV       | 953            | 25161        | 0.46%          | 0.051%        |
| 18        | 4.403       | 4.398        | 4.438      | VV       | 585            | 11606        | 0.21%          | 0.024%        |
| 19        | 4.469       | 4.438        | 4.494      | VV       | 461            | 14081        | 0.26%          | 0.029%        |
| 20        | 4.541       | 4.494        | 4.566      | VV       | 694            | 24698        | 0.45%          | 0.050%        |
| 21        | 4.586       | 4.566        | 4.604      | VV       | 686            | 13213        | 0.24%          | 0.027%        |
| 22        | 4.618       | 4.604        | 4.638      | VV       | 858            | 13382        | 0.24%          | 0.027%        |
| 23        | 4.652       | 4.638        | 4.681      | VV       | 688            | 15172        | 0.28%          | 0.031%        |
| 24        | 4.748       | 4.681        | 4.792      | VV       | 1962           | 50251        | 0.91%          | 0.102%        |
| 25        | 4.813       | 4.792        | 4.847      | VV       | 606            | 18243        | 0.33%          | 0.037%        |
| 26        | 4.856       | 4.847        | 4.884      | VV       | 608            | 11447        | 0.21%          | 0.023%        |
| 27        | 4.951       | 4.884        | 4.975      | VV       | 673            | 27780        | 0.50%          | 0.056%        |
| 28        | 5.004       | 4.975        | 5.031      | VV       | 968            | 21158        | 0.38%          | 0.043%        |
| 29        | 5.061       | 5.031        | 5.083      | VV       | 546            | 15670        | 0.28%          | 0.032%        |
| 30        | 5.107       | 5.083        | 5.117      | VV       | 643            | 11086        | 0.20%          | 0.022%        |
| 31        | 5.131       | 5.117        | 5.154      | VV       | 769            | 13571        | 0.25%          | 0.027%        |

|    |       |       |       |    |        |        |       |        |
|----|-------|-------|-------|----|--------|--------|-------|--------|
|    |       |       |       |    | rteres |        |       |        |
| 32 | 5.271 | 5.154 | 5.303 | VV | 1372   | 70188  | 1.27% | 0.142% |
| 33 | 5.410 | 5.303 | 5.451 | VV | 1825   | 113267 | 2.06% | 0.229% |
| 34 | 5.465 | 5.451 | 5.482 | VV | 645    | 11191  | 0.20% | 0.023% |
| 35 | 5.522 | 5.482 | 5.551 | VV | 1551   | 32574  | 0.59% | 0.066% |
| 36 | 5.564 | 5.551 | 5.573 | VV | 603    | 7218   | 0.13% | 0.015% |
| 37 | 5.582 | 5.573 | 5.644 | VV | 586    | 21292  | 0.39% | 0.043% |
| 38 | 5.652 | 5.644 | 5.699 | VV | 514    | 14380  | 0.26% | 0.029% |
| 39 | 5.744 | 5.699 | 5.756 | VV | 635    | 18031  | 0.33% | 0.037% |
| 40 | 5.775 | 5.756 | 5.808 | VV | 1028   | 20076  | 0.36% | 0.041% |
| 41 | 5.837 | 5.808 | 5.861 | VV | 539    | 15501  | 0.28% | 0.031% |
| 42 | 5.878 | 5.861 | 5.935 | VV | 987    | 30181  | 0.55% | 0.061% |
| 43 | 5.965 | 5.935 | 5.997 | VV | 835    | 22984  | 0.42% | 0.047% |
| 44 | 6.045 | 5.997 | 6.061 | VV | 557    | 17416  | 0.32% | 0.035% |
| 45 | 6.094 | 6.061 | 6.148 | VV | 2784   | 49072  | 0.89% | 0.099% |
| 46 | 6.162 | 6.148 | 6.214 | VV | 891    | 26198  | 0.48% | 0.053% |
| 47 | 6.233 | 6.214 | 6.263 | VV | 576    | 14618  | 0.27% | 0.030% |
| 48 | 6.285 | 6.263 | 6.344 | VV | 1779   | 39958  | 0.73% | 0.081% |
| 49 | 6.364 | 6.344 | 6.388 | VV | 641    | 13601  | 0.25% | 0.028% |
| 50 | 6.397 | 6.388 | 6.424 | VV | 455    | 9245   | 0.17% | 0.019% |
| 51 | 6.436 | 6.424 | 6.444 | VV | 480    | 5069   | 0.09% | 0.010% |
| 52 | 6.461 | 6.444 | 6.484 | VV | 674    | 13111  | 0.24% | 0.027% |
| 53 | 6.504 | 6.484 | 6.532 | VV | 471    | 11602  | 0.21% | 0.024% |
| 54 | 6.550 | 6.532 | 6.560 | VV | 362    | 5539   | 0.10% | 0.011% |
| 55 | 6.583 | 6.560 | 6.614 | VV | 1435   | 23725  | 0.43% | 0.048% |
| 56 | 6.637 | 6.614 | 6.677 | VV | 659    | 17772  | 0.32% | 0.036% |
| 57 | 6.698 | 6.677 | 6.721 | VV | 559    | 11627  | 0.21% | 0.024% |
| 58 | 6.758 | 6.721 | 6.810 | VV | 596    | 24725  | 0.45% | 0.050% |
| 59 | 6.826 | 6.810 | 6.871 | VV | 514    | 14448  | 0.26% | 0.029% |
| 60 | 6.902 | 6.871 | 6.935 | VV | 395    | 12326  | 0.22% | 0.025% |
| 61 | 6.953 | 6.935 | 6.990 | VV | 299    | 7399   | 0.13% | 0.015% |
| 62 | 7.009 | 6.990 | 7.038 | VV | 376    | 8537   | 0.16% | 0.017% |
| 63 | 7.064 | 7.038 | 7.105 | VV | 367    | 12286  | 0.22% | 0.025% |
| 64 | 7.142 | 7.105 | 7.173 | VV | 415    | 11144  | 0.20% | 0.023% |
| 65 | 7.221 | 7.173 | 7.266 | VV | 2026   | 37796  | 0.69% | 0.077% |
| 66 | 7.281 | 7.266 | 7.302 | VV | 453    | 8188   | 0.15% | 0.017% |
| 67 | 7.313 | 7.302 | 7.357 | VV | 368    | 9347   | 0.17% | 0.019% |
| 68 | 7.379 | 7.357 | 7.393 | VV | 474    | 7430   | 0.13% | 0.015% |
| 69 | 7.411 | 7.393 | 7.454 | VV | 1149   | 18785  | 0.34% | 0.038% |
| 70 | 7.466 | 7.454 | 7.501 | VV | 269    | 5674   | 0.10% | 0.011% |
| 71 | 7.523 | 7.501 | 7.539 | VV | 374    | 6745   | 0.12% | 0.014% |
| 72 | 7.559 | 7.539 | 7.578 | VV | 808    | 11434  | 0.21% | 0.023% |
| 73 | 7.590 | 7.578 | 7.624 | VV | 789    | 11353  | 0.21% | 0.023% |
| 74 | 7.638 | 7.624 | 7.668 | VV | 265    | 4544   | 0.08% | 0.009% |
| 75 | 7.695 | 7.668 | 7.714 | VV | 632    | 12668  | 0.23% | 0.026% |
| 76 | 7.725 | 7.714 | 7.757 | VV | 653    | 10558  | 0.19% | 0.021% |
| 77 | 7.771 | 7.757 | 7.798 | VV | 396    | 6134   | 0.11% | 0.012% |
| 78 | 7.807 | 7.798 | 7.842 | VV | 255    | 5514   | 0.10% | 0.011% |
| 79 | 7.859 | 7.842 | 7.884 | VV | 333    | 5497   | 0.10% | 0.011% |

|     |        |        |        |    |        |         |        |        |
|-----|--------|--------|--------|----|--------|---------|--------|--------|
| 80  | 7.908  | 7.884  | 7.928  | VV | 615    | 8899    | 0.16%  | 0.018% |
| 81  | 7.943  | 7.928  | 7.961  | VV | 237    | 4024    | 0.07%  | 0.008% |
| 82  | 7.979  | 7.961  | 8.001  | VV | 638    | 8451    | 0.15%  | 0.017% |
| 83  | 8.014  | 8.001  | 8.040  | VV | 431    | 7070    | 0.13%  | 0.014% |
| 84  | 8.058  | 8.040  | 8.081  | VV | 487    | 7190    | 0.13%  | 0.015% |
| 85  | 8.106  | 8.081  | 8.130  | VV | 1050   | 19611   | 0.36%  | 0.040% |
| 86  | 8.149  | 8.130  | 8.198  | VV | 849    | 15652   | 0.28%  | 0.032% |
| 87  | 8.226  | 8.198  | 8.241  | VV | 254    | 4814    | 0.09%  | 0.010% |
| 88  | 8.262  | 8.241  | 8.287  | VV | 534    | 9049    | 0.16%  | 0.018% |
| 89  | 8.298  | 8.287  | 8.316  | VV | 269    | 4145    | 0.08%  | 0.008% |
| 90  | 8.327  | 8.316  | 8.336  | VV | 212    | 2164    | 0.04%  | 0.004% |
| 91  | 8.348  | 8.336  | 8.364  | VV | 282    | 3548    | 0.06%  | 0.007% |
| 92  | 8.394  | 8.364  | 8.421  | VV | 378    | 7629    | 0.14%  | 0.015% |
| 93  | 8.465  | 8.421  | 8.480  | VV | 933    | 16112   | 0.29%  | 0.033% |
| 94  | 8.502  | 8.480  | 8.514  | VV | 6745   | 68913   | 1.25%  | 0.140% |
| 95  | 8.543  | 8.514  | 8.658  | VV | 198304 | 2398309 | 43.55% | 4.858% |
| 96  | 8.681  | 8.658  | 8.698  | VV | 914    | 13618   | 0.25%  | 0.028% |
| 97  | 8.726  | 8.698  | 8.758  | VV | 852    | 17536   | 0.32%  | 0.036% |
| 98  | 8.770  | 8.758  | 8.790  | VV | 356    | 4445    | 0.08%  | 0.009% |
| 99  | 8.805  | 8.790  | 8.834  | VV | 243    | 3737    | 0.07%  | 0.008% |
| 100 | 8.860  | 8.834  | 8.889  | PV | 1212   | 17703   | 0.32%  | 0.036% |
| 101 | 8.930  | 8.889  | 8.995  | VV | 533    | 17883   | 0.32%  | 0.036% |
| 102 | 9.050  | 8.995  | 9.088  | VV | 1219   | 27281   | 0.50%  | 0.055% |
| 103 | 9.110  | 9.088  | 9.128  | VV | 375    | 6601    | 0.12%  | 0.013% |
| 104 | 9.133  | 9.128  | 9.154  | VV | 255    | 2158    | 0.04%  | 0.004% |
| 105 | 9.180  | 9.154  | 9.235  | VV | 2336   | 48079   | 0.87%  | 0.097% |
| 106 | 9.262  | 9.235  | 9.274  | VV | 410    | 8063    | 0.15%  | 0.016% |
| 107 | 9.307  | 9.274  | 9.365  | VV | 1725   | 41899   | 0.76%  | 0.085% |
| 108 | 9.401  | 9.365  | 9.441  | VV | 605    | 17885   | 0.32%  | 0.036% |
| 109 | 9.450  | 9.441  | 9.481  | VV | 323    | 4870    | 0.09%  | 0.010% |
| 110 | 9.515  | 9.481  | 9.571  | VV | 1295   | 21899   | 0.40%  | 0.044% |
| 111 | 9.584  | 9.571  | 9.642  | VV | 229    | 6383    | 0.12%  | 0.013% |
| 112 | 9.660  | 9.642  | 9.700  | VV | 146    | 3416    | 0.06%  | 0.007% |
| 113 | 9.721  | 9.700  | 9.748  | PV | 1910   | 23478   | 0.43%  | 0.048% |
| 114 | 9.777  | 9.748  | 9.804  | VV | 658    | 13043   | 0.24%  | 0.026% |
| 115 | 9.830  | 9.804  | 9.887  | VV | 1599   | 25222   | 0.46%  | 0.051% |
| 116 | 9.912  | 9.887  | 9.931  | VV | 214    | 4075    | 0.07%  | 0.008% |
| 117 | 9.955  | 9.931  | 9.988  | VV | 483    | 7434    | 0.13%  | 0.015% |
| 118 | 10.014 | 9.988  | 10.032 | VV | 289    | 4854    | 0.09%  | 0.010% |
| 119 | 10.046 | 10.032 | 10.073 | VV | 441    | 5445    | 0.10%  | 0.011% |
| 120 | 10.114 | 10.073 | 10.138 | VV | 974    | 19337   | 0.35%  | 0.039% |
| 121 | 10.154 | 10.138 | 10.169 | VV | 1073   | 14326   | 0.26%  | 0.029% |
| 122 | 10.181 | 10.169 | 10.221 | VV | 847    | 18812   | 0.34%  | 0.038% |
| 123 | 10.241 | 10.221 | 10.256 | VV | 460    | 7019    | 0.13%  | 0.014% |
| 124 | 10.285 | 10.256 | 10.310 | VV | 874    | 13731   | 0.25%  | 0.028% |
| 125 | 10.328 | 10.310 | 10.358 | VV | 279    | 5664    | 0.10%  | 0.011% |
| 126 | 10.368 | 10.358 | 10.408 | VV | 156    | 2580    | 0.05%  | 0.005% |

|     |        |        |        |    |        |         |         |         |
|-----|--------|--------|--------|----|--------|---------|---------|---------|
|     |        |        |        |    | rteres |         |         |         |
| 127 | 10.437 | 10.408 | 10.448 | PV | 238    | 4524    | 0.08%   | 0.009%  |
| 128 | 10.485 | 10.448 | 10.547 | VV | 4738   | 73091   | 1.33%   | 0.148%  |
| 129 | 10.566 | 10.547 | 10.581 | VV | 585    | 8513    | 0.15%   | 0.017%  |
| 130 | 10.623 | 10.581 | 10.648 | VV | 719    | 17871   | 0.32%   | 0.036%  |
| 131 | 10.661 | 10.648 | 10.686 | VV | 398    | 6828    | 0.12%   | 0.014%  |
| 132 | 10.729 | 10.686 | 10.752 | VV | 1754   | 27880   | 0.51%   | 0.056%  |
| 133 | 10.781 | 10.752 | 10.835 | VV | 4223   | 72161   | 1.31%   | 0.146%  |
| 134 | 10.870 | 10.835 | 10.904 | VV | 4545   | 81930   | 1.49%   | 0.166%  |
| 135 | 10.938 | 10.904 | 10.984 | VV | 2734   | 64409   | 1.17%   | 0.130%  |
| 136 | 11.018 | 10.984 | 11.032 | VV | 889    | 18510   | 0.34%   | 0.037%  |
| 137 | 11.042 | 11.032 | 11.121 | VV | 802    | 24305   | 0.44%   | 0.049%  |
| 138 | 11.146 | 11.121 | 11.153 | VV | 1116   | 13131   | 0.24%   | 0.027%  |
| 139 | 11.191 | 11.153 | 11.227 | VV | 5650   | 99887   | 1.81%   | 0.202%  |
| 140 | 11.248 | 11.227 | 11.298 | VV | 1145   | 23399   | 0.42%   | 0.047%  |
| 141 | 11.317 | 11.298 | 11.330 | VV | 343    | 5066    | 0.09%   | 0.010%  |
| 142 | 11.353 | 11.330 | 11.381 | VV | 530    | 11076   | 0.20%   | 0.022%  |
| 143 | 11.471 | 11.381 | 11.504 | VV | 799    | 27067   | 0.49%   | 0.055%  |
| 144 | 11.521 | 11.504 | 11.536 | VV | 495    | 7134    | 0.13%   | 0.014%  |
| 145 | 11.558 | 11.536 | 11.580 | VV | 1164   | 19351   | 0.35%   | 0.039%  |
| 146 | 11.595 | 11.580 | 11.608 | VV | 756    | 10058   | 0.18%   | 0.020%  |
| 147 | 11.638 | 11.608 | 11.667 | VV | 12743  | 157855  | 2.87%   | 0.320%  |
| 148 | 11.691 | 11.667 | 11.746 | VV | 6672   | 94255   | 1.71%   | 0.191%  |
| 149 | 11.757 | 11.746 | 11.767 | VV | 438    | 4918    | 0.09%   | 0.010%  |
| 150 | 11.783 | 11.767 | 11.798 | VV | 689    | 8652    | 0.16%   | 0.018%  |
| 151 | 11.817 | 11.798 | 11.844 | VV | 1063   | 13793   | 0.25%   | 0.028%  |
| 152 | 11.877 | 11.844 | 11.906 | VV | 5048   | 67681   | 1.23%   | 0.137%  |
| 153 | 11.944 | 11.906 | 11.993 | VV | 499555 | 5506656 | 100.00% | 11.155% |
| 154 | 12.008 | 11.993 | 12.022 | VV | 648    | 8832    | 0.16%   | 0.018%  |
| 155 | 12.048 | 12.022 | 12.063 | VV | 638    | 11591   | 0.21%   | 0.023%  |
| 156 | 12.094 | 12.063 | 12.130 | VV | 1973   | 35802   | 0.65%   | 0.073%  |
| 157 | 12.150 | 12.130 | 12.214 | VV | 1055   | 20197   | 0.37%   | 0.041%  |
| 158 | 12.238 | 12.214 | 12.258 | PV | 381    | 5070    | 0.09%   | 0.010%  |
| 159 | 12.304 | 12.258 | 12.322 | VV | 2641   | 40509   | 0.74%   | 0.082%  |
| 160 | 12.345 | 12.322 | 12.364 | VV | 5978   | 77226   | 1.40%   | 0.156%  |
| 161 | 12.388 | 12.364 | 12.419 | VV | 7709   | 118713  | 2.16%   | 0.240%  |
| 162 | 12.445 | 12.419 | 12.494 | VV | 5322   | 75924   | 1.38%   | 0.154%  |
| 163 | 12.544 | 12.494 | 12.618 | VV | 109815 | 1356391 | 24.63%  | 2.748%  |
| 164 | 12.624 | 12.618 | 12.644 | VV | 920    | 10492   | 0.19%   | 0.021%  |
| 165 | 12.663 | 12.644 | 12.688 | VV | 598    | 12727   | 0.23%   | 0.026%  |
| 166 | 12.716 | 12.688 | 12.738 | VV | 596    | 12274   | 0.22%   | 0.025%  |
| 167 | 12.783 | 12.738 | 12.805 | VV | 3226   | 52184   | 0.95%   | 0.106%  |
| 168 | 12.828 | 12.805 | 12.855 | VV | 3623   | 53268   | 0.97%   | 0.108%  |
| 169 | 12.876 | 12.855 | 12.912 | VV | 1244   | 26960   | 0.49%   | 0.055%  |
| 170 | 12.942 | 12.912 | 12.967 | VV | 2600   | 45343   | 0.82%   | 0.092%  |
| 171 | 12.995 | 12.967 | 13.041 | VV | 9337   | 137023  | 2.49%   | 0.278%  |
| 172 | 13.067 | 13.041 | 13.089 | VV | 1749   | 27259   | 0.50%   | 0.055%  |
| 173 | 13.099 | 13.089 | 13.114 | VV | 510    | 6210    | 0.11%   | 0.013%  |
| 174 | 13.126 | 13.114 | 13.142 | VV | 461    | 5298    | 0.10%   | 0.011%  |

|     |        |        |        |    |                |         |        |        |
|-----|--------|--------|--------|----|----------------|---------|--------|--------|
| 175 | 13.167 | 13.142 | 13.215 | VV | rteres<br>2814 | 43761   | 0.79%  | 0.089% |
| 176 | 13.232 | 13.215 | 13.264 | VV | 503            | 8179    | 0.15%  | 0.017% |
| 177 | 13.290 | 13.264 | 13.318 | PV | 5613           | 63408   | 1.15%  | 0.128% |
| 178 | 13.383 | 13.318 | 13.410 | VV | 352455         | 4253350 | 77.24% | 8.616% |
| 179 | 13.423 | 13.410 | 13.448 | VV | 8788           | 105530  | 1.92%  | 0.214% |
| 180 | 13.463 | 13.448 | 13.479 | VV | 757            | 11430   | 0.21%  | 0.023% |
| 181 | 13.488 | 13.479 | 13.515 | VV | 594            | 7879    | 0.14%  | 0.016% |
| 182 | 13.557 | 13.515 | 13.579 | VV | 5767           | 89332   | 1.62%  | 0.181% |
| 183 | 13.606 | 13.579 | 13.625 | VV | 12243          | 190447  | 3.46%  | 0.386% |
| 184 | 13.660 | 13.625 | 13.705 | VV | 11740          | 242198  | 4.40%  | 0.491% |
| 185 | 13.772 | 13.705 | 13.849 | VV | 28564          | 390734  | 7.10%  | 0.791% |
| 186 | 13.879 | 13.849 | 13.914 | VV | 1191           | 24999   | 0.45%  | 0.051% |
| 187 | 13.959 | 13.914 | 13.971 | VV | 658            | 13299   | 0.24%  | 0.027% |
| 188 | 13.992 | 13.971 | 14.013 | VV | 898            | 17479   | 0.32%  | 0.035% |
| 189 | 14.028 | 14.013 | 14.043 | VV | 813            | 11405   | 0.21%  | 0.023% |
| 190 | 14.072 | 14.043 | 14.102 | VV | 1104           | 24442   | 0.44%  | 0.050% |
| 191 | 14.135 | 14.102 | 14.234 | VV | 2917           | 94355   | 1.71%  | 0.191% |
| 192 | 14.267 | 14.234 | 14.297 | VV | 1204           | 22413   | 0.41%  | 0.045% |
| 193 | 14.307 | 14.297 | 14.317 | VV | 439            | 4162    | 0.08%  | 0.008% |
| 194 | 14.342 | 14.317 | 14.378 | VV | 1804           | 36017   | 0.65%  | 0.073% |
| 195 | 14.403 | 14.378 | 14.434 | VV | 1071           | 21110   | 0.38%  | 0.043% |
| 196 | 14.534 | 14.434 | 14.596 | PV | 6107           | 170585  | 3.10%  | 0.346% |
| 197 | 14.612 | 14.596 | 14.666 | VV | 1441           | 38354   | 0.70%  | 0.078% |
| 198 | 14.697 | 14.666 | 14.717 | VV | 6762           | 95581   | 1.74%  | 0.194% |
| 199 | 14.730 | 14.717 | 14.772 | VV | 2612           | 53544   | 0.97%  | 0.108% |
| 200 | 14.798 | 14.772 | 14.838 | VV | 5624           | 89902   | 1.63%  | 0.182% |
| 201 | 14.859 | 14.838 | 14.881 | VV | 1182           | 13985   | 0.25%  | 0.028% |
| 202 | 14.914 | 14.881 | 14.941 | PV | 2482           | 34961   | 0.63%  | 0.071% |
| 203 | 15.040 | 14.941 | 15.056 | VV | 1109           | 43000   | 0.78%  | 0.087% |
| 204 | 15.077 | 15.056 | 15.108 | VV | 1408           | 30296   | 0.55%  | 0.061% |
| 205 | 15.164 | 15.108 | 15.188 | VV | 4224           | 84411   | 1.53%  | 0.171% |
| 206 | 15.215 | 15.188 | 15.227 | VV | 7388           | 108668  | 1.97%  | 0.220% |
| 207 | 15.238 | 15.227 | 15.265 | VV | 7102           | 95175   | 1.73%  | 0.193% |
| 208 | 15.288 | 15.265 | 15.322 | VV | 2722           | 53737   | 0.98%  | 0.109% |
| 209 | 15.336 | 15.322 | 15.356 | VV | 1038           | 13829   | 0.25%  | 0.028% |
| 210 | 15.376 | 15.356 | 15.389 | VV | 631            | 6533    | 0.12%  | 0.013% |
| 211 | 15.436 | 15.389 | 15.458 | PV | 633            | 16232   | 0.29%  | 0.033% |
| 212 | 15.484 | 15.458 | 15.509 | VV | 545            | 11752   | 0.21%  | 0.024% |
| 213 | 15.626 | 15.509 | 15.674 | VV | 32350          | 567514  | 10.31% | 1.150% |
| 214 | 15.703 | 15.674 | 15.730 | VV | 3298           | 66446   | 1.21%  | 0.135% |
| 215 | 15.760 | 15.730 | 15.793 | VV | 7257           | 119296  | 2.17%  | 0.242% |
| 216 | 15.833 | 15.793 | 15.864 | VV | 7541           | 134734  | 2.45%  | 0.273% |
| 217 | 15.886 | 15.864 | 15.911 | VV | 918            | 15594   | 0.28%  | 0.032% |
| 218 | 15.941 | 15.911 | 15.951 | PV | 981            | 13911   | 0.25%  | 0.028% |
| 219 | 15.970 | 15.951 | 15.994 | VV | 1709           | 31629   | 0.57%  | 0.064% |
| 220 | 16.026 | 15.994 | 16.048 | VV | 1074           | 28224   | 0.51%  | 0.057% |
| 221 | 16.086 | 16.048 | 16.106 | VV | 969            | 23584   | 0.43%  | 0.048% |

|     |        |        |        |    |        |        |        |        |
|-----|--------|--------|--------|----|--------|--------|--------|--------|
|     |        |        |        |    | rteres |        |        |        |
| 222 | 16.136 | 16.106 | 16.188 | VV | 29671  | 405785 | 7.37%  | 0.822% |
| 223 | 16.203 | 16.188 | 16.231 | VV | 1098   | 20964  | 0.38%  | 0.042% |
| 224 | 16.261 | 16.231 | 16.303 | VV | 6210   | 103730 | 1.88%  | 0.210% |
| 225 | 16.321 | 16.303 | 16.357 | VV | 1158   | 25614  | 0.47%  | 0.052% |
| 226 | 16.375 | 16.357 | 16.402 | VV | 652    | 11259  | 0.20%  | 0.023% |
| 227 | 16.453 | 16.402 | 16.493 | PV | 1416   | 43908  | 0.80%  | 0.089% |
| 228 | 16.557 | 16.493 | 16.582 | VV | 2490   | 63177  | 1.15%  | 0.128% |
| 229 | 16.643 | 16.582 | 16.682 | VV | 9592   | 187070 | 3.40%  | 0.379% |
| 230 | 16.742 | 16.682 | 16.793 | VV | 7707   | 211479 | 3.84%  | 0.428% |
| 231 | 16.822 | 16.793 | 16.846 | VV | 3976   | 70413  | 1.28%  | 0.143% |
| 232 | 16.869 | 16.846 | 16.894 | VV | 2899   | 58278  | 1.06%  | 0.118% |
| 233 | 16.910 | 16.894 | 16.931 | VV | 1513   | 25403  | 0.46%  | 0.051% |
| 234 | 16.954 | 16.931 | 16.983 | VV | 1244   | 24732  | 0.45%  | 0.050% |
| 235 | 17.049 | 16.983 | 17.079 | VV | 4092   | 105395 | 1.91%  | 0.213% |
| 236 | 17.105 | 17.079 | 17.144 | VV | 4250   | 79531  | 1.44%  | 0.161% |
| 237 | 17.179 | 17.144 | 17.191 | VV | 2694   | 47966  | 0.87%  | 0.097% |
| 238 | 17.211 | 17.191 | 17.234 | VV | 5815   | 105071 | 1.91%  | 0.213% |
| 239 | 17.260 | 17.234 | 17.311 | VV | 5327   | 135677 | 2.46%  | 0.275% |
| 240 | 17.332 | 17.311 | 17.379 | VV | 1314   | 45391  | 0.82%  | 0.092% |
| 241 | 17.444 | 17.379 | 17.488 | VV | 2210   | 116873 | 2.12%  | 0.237% |
| 242 | 17.509 | 17.488 | 17.521 | VV | 1860   | 34435  | 0.63%  | 0.070% |
| 243 | 17.535 | 17.521 | 17.560 | VV | 2376   | 47597  | 0.86%  | 0.096% |
| 244 | 17.588 | 17.560 | 17.625 | VV | 7143   | 170989 | 3.11%  | 0.346% |
| 245 | 17.662 | 17.625 | 17.686 | VV | 8367   | 163222 | 2.96%  | 0.331% |
| 246 | 17.703 | 17.686 | 17.721 | VV | 3088   | 51004  | 0.93%  | 0.103% |
| 247 | 17.742 | 17.721 | 17.758 | VV | 3263   | 57467  | 1.04%  | 0.116% |
| 248 | 17.784 | 17.758 | 17.816 | VV | 2576   | 72753  | 1.32%  | 0.147% |
| 249 | 17.837 | 17.816 | 17.855 | VV | 4020   | 59918  | 1.09%  | 0.121% |
| 250 | 17.890 | 17.855 | 17.919 | VV | 2184   | 69320  | 1.26%  | 0.140% |
| 251 | 17.935 | 17.919 | 17.968 | VV | 2258   | 54970  | 1.00%  | 0.111% |
| 252 | 18.071 | 17.968 | 18.087 | VV | 9158   | 309186 | 5.61%  | 0.626% |
| 253 | 18.099 | 18.087 | 18.132 | VV | 8937   | 155598 | 2.83%  | 0.315% |
| 254 | 18.190 | 18.132 | 18.214 | VV | 4718   | 160828 | 2.92%  | 0.326% |
| 255 | 18.288 | 18.214 | 18.306 | VV | 4657   | 226617 | 4.12%  | 0.459% |
| 256 | 18.330 | 18.306 | 18.364 | VV | 6783   | 158111 | 2.87%  | 0.320% |
| 257 | 18.388 | 18.364 | 18.397 | VV | 3497   | 62625  | 1.14%  | 0.127% |
| 258 | 18.422 | 18.397 | 18.441 | VV | 7431   | 143622 | 2.61%  | 0.291% |
| 259 | 18.469 | 18.441 | 18.500 | VV | 28167  | 561405 | 10.20% | 1.137% |
| 260 | 18.522 | 18.500 | 18.579 | VV | 13951  | 343861 | 6.24%  | 0.697% |
| 261 | 18.623 | 18.579 | 18.701 | VV | 5363   | 321487 | 5.84%  | 0.651% |
| 262 | 18.731 | 18.701 | 18.771 | VV | 7883   | 206050 | 3.74%  | 0.417% |
| 263 | 18.781 | 18.771 | 18.798 | VV | 3801   | 57168  | 1.04%  | 0.116% |
| 264 | 18.817 | 18.798 | 18.849 | VV | 4865   | 127078 | 2.31%  | 0.257% |
| 265 | 18.925 | 18.849 | 18.981 | VV | 10608  | 509390 | 9.25%  | 1.032% |
| 266 | 19.054 | 18.981 | 19.074 | VV | 8248   | 358390 | 6.51%  | 0.726% |
| 267 | 19.091 | 19.074 | 19.119 | VV | 8160   | 177466 | 3.22%  | 0.359% |
| 268 | 19.159 | 19.119 | 19.177 | VV | 5615   | 185652 | 3.37%  | 0.376% |
| 269 | 19.213 | 19.177 | 19.236 | VV | 9348   | 247990 | 4.50%  | 0.502% |

|     |        |        |        |    |                 |         |        |        |
|-----|--------|--------|--------|----|-----------------|---------|--------|--------|
| 270 | 19.296 | 19.236 | 19.322 | VV | rteres<br>33517 | 816736  | 14.83% | 1.654% |
| 271 | 19.340 | 19.322 | 19.378 | VV | 17333           | 421047  | 7.65%  | 0.853% |
| 272 | 19.418 | 19.378 | 19.443 | VV | 12076           | 388954  | 7.06%  | 0.788% |
| 273 | 19.465 | 19.443 | 19.492 | VV | 13549           | 309891  | 5.63%  | 0.628% |
| 274 | 19.535 | 19.492 | 19.554 | VV | 9571            | 323417  | 5.87%  | 0.655% |
| 275 | 19.580 | 19.554 | 19.607 | VV | 13870           | 365376  | 6.64%  | 0.740% |
| 276 | 19.626 | 19.607 | 19.668 | VV | 12444           | 347205  | 6.31%  | 0.703% |
| 277 | 19.697 | 19.668 | 19.734 | VV | 10358           | 378221  | 6.87%  | 0.766% |
| 278 | 19.779 | 19.734 | 19.804 | VV | 14459           | 471795  | 8.57%  | 0.956% |
| 279 | 19.826 | 19.804 | 19.856 | VV | 11986           | 328768  | 5.97%  | 0.666% |
| 280 | 19.890 | 19.856 | 19.942 | VV | 13544           | 566831  | 10.29% | 1.148% |
| 281 | 19.961 | 19.942 | 19.971 | VV | 11102           | 186695  | 3.39%  | 0.378% |
| 282 | 20.007 | 19.971 | 20.034 | VV | 13860           | 456938  | 8.30%  | 0.926% |
| 283 | 20.068 | 20.034 | 20.112 | VV | 22863           | 743502  | 13.50% | 1.506% |
| 284 | 20.122 | 20.112 | 20.133 | VV | 12142           | 149951  | 2.72%  | 0.304% |
| 285 | 20.152 | 20.133 | 20.191 | VV | 11905           | 403000  | 7.32%  | 0.816% |
| 286 | 20.199 | 20.191 | 20.209 | VV | 11845           | 124853  | 2.27%  | 0.253% |
| 287 | 20.271 | 20.209 | 20.299 | VV | 14218           | 682800  | 12.40% | 1.383% |
| 288 | 20.358 | 20.299 | 20.371 | VV | 18137           | 671420  | 12.19% | 1.360% |
| 289 | 20.394 | 20.371 | 20.421 | VV | 25138           | 608882  | 11.06% | 1.233% |
| 290 | 20.457 | 20.421 | 20.481 | VV | 16686           | 572611  | 10.40% | 1.160% |
| 291 | 20.499 | 20.481 | 20.511 | VV | 15643           | 269562  | 4.90%  | 0.546% |
| 292 | 20.531 | 20.511 | 20.548 | VV | 16648           | 355690  | 6.46%  | 0.721% |
| 293 | 20.621 | 20.548 | 20.668 | VV | 25499           | 1387774 | 25.20% | 2.811% |
| 294 | 20.682 | 20.668 | 20.691 | VV | 17797           | 250456  | 4.55%  | 0.507% |
| 295 | 20.700 | 20.691 | 20.714 | VV | 17590           | 233146  | 4.23%  | 0.472% |
| 296 | 20.758 | 20.714 | 20.781 | VV | 20424           | 743290  | 13.50% | 1.506% |
| 297 | 20.816 | 20.781 | 20.842 | VV | 20713           | 695461  | 12.63% | 1.409% |
| 298 | 20.851 | 20.842 | 20.859 | VV | 19135           | 190339  | 3.46%  | 0.386% |
| 299 | 20.865 | 20.859 | 20.891 | VV | 18644           | 350155  | 6.36%  | 0.709% |
| 300 | 20.945 | 20.891 | 20.974 | VV | 18468           | 887867  | 16.12% | 1.799% |
| 301 | 21.007 | 20.974 | 21.036 | VV | 17613           | 610431  | 11.09% | 1.237% |
| 302 | 21.083 | 21.036 | 21.161 | VV | 18284           | 1223590 | 22.22% | 2.479% |
| 303 | 21.201 | 21.161 | 21.248 | VV | 15927           | 768185  | 13.95% | 1.556% |
| 304 | 21.257 | 21.248 | 21.297 | VV | 13237           | 383347  | 6.96%  | 0.777% |
| 305 | 21.307 | 21.297 | 21.335 | VV | 12759           | 281246  | 5.11%  | 0.570% |
| 306 | 21.350 | 21.335 | 21.374 | VV | 12078           | 276471  | 5.02%  | 0.560% |
| 307 | 21.388 | 21.374 | 21.417 | VV | 11462           | 279759  | 5.08%  | 0.567% |
| 308 | 21.473 | 21.417 | 21.501 | VV | 10680           | 521538  | 9.47%  | 1.056% |
| 309 | 21.519 | 21.501 | 21.548 | VV | 10133           | 274478  | 4.98%  | 0.556% |
| 310 | 21.572 | 21.548 | 21.598 | VV | 10031           | 286799  | 5.21%  | 0.581% |
| 311 | 21.638 | 21.598 | 21.694 | VV | 10466           | 554452  | 10.07% | 1.123% |
| 312 | 21.701 | 21.694 | 21.792 | VV | 8487            | 428786  | 7.79%  | 0.869% |
| 313 | 21.828 | 21.792 | 21.839 | VV | 6533            | 179200  | 3.25%  | 0.363% |
| 314 | 21.846 | 21.839 | 21.851 | VV | 6084            | 42860   | 0.78%  | 0.087% |
| 315 | 21.868 | 21.851 | 21.915 | VV | 6411            | 222412  | 4.04%  | 0.451% |
| 316 | 21.939 | 21.915 | 21.997 | VV | 5327            | 232684  | 4.23%  | 0.471% |

|     |        |        |        |    |                         |          |       |        |
|-----|--------|--------|--------|----|-------------------------|----------|-------|--------|
|     |        |        |        |    | rteres                  |          |       |        |
| 317 | 22.017 | 21.997 | 22.029 | VV | 4085                    | 71344    | 1.30% | 0.145% |
| 318 | 22.035 | 22.029 | 22.043 | VV | 3454                    | 28658    | 0.52% | 0.058% |
| 319 | 22.076 | 22.043 | 22.106 | VV | 3740                    | 131966   | 2.40% | 0.267% |
| 320 | 22.116 | 22.106 | 22.164 | VV | 4194                    | 116408   | 2.11% | 0.236% |
| 321 | 22.199 | 22.164 | 22.234 | VV | 2267                    | 72571    | 1.32% | 0.147% |
| 322 | 22.243 | 22.234 | 22.254 | VV | 860                     | 9349     | 0.17% | 0.019% |
| 323 | 22.261 | 22.254 | 22.283 | VV | 901                     | 7986     | 0.15% | 0.016% |
|     |        |        |        |    | Sum of corrected areas: | 49366991 |       |        |

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