

rteres

## Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE111323AL\  
 Data File : FE045323.D  
 Signal(s) : FID1B.ch  
 Acq On : 13 Nov 2023 22:15  
 Sample : 05380-01  
 Misc :  
 ALS Vial : 23 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 110423.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         | 3.208       | 3.184        | 3.230      | PV       | 12291          | 120674       | 2.19%          | 0.135%        |
| 2         | 3.243       | 3.230        | 3.340      | PV       | 1975           | 16263        | 0.30%          | 0.018%        |
| 3         | 3.361       | 3.340        | 3.379      | PV       | 215            | 3045         | 0.06%          | 0.003%        |
| 4         | 3.397       | 3.379        | 3.420      | VV       | 668            | 8365         | 0.15%          | 0.009%        |
| 5         | 3.445       | 3.420        | 3.520      | VV       | 3097           | 34776        | 0.63%          | 0.039%        |
| 6         | 3.540       | 3.520        | 3.571      | VV       | 158            | 3264         | 0.06%          | 0.004%        |
| 7         | 3.605       | 3.571        | 3.644      | VV       | 1671           | 24831        | 0.45%          | 0.028%        |
| 8         | 3.686       | 3.644        | 3.705      | VV       | 3311           | 58093        | 1.06%          | 0.065%        |
| 9         | 3.733       | 3.705        | 3.804      | VV       | 56333          | 563757       | 10.24%         | 0.632%        |
| 10        | 3.814       | 3.804        | 3.821      | VV       | 188            | 1650         | 0.03%          | 0.002%        |
| 11        | 3.848       | 3.821        | 3.893      | VV       | 49702          | 473592       | 8.60%          | 0.531%        |
| 12        | 3.907       | 3.893        | 3.918      | VV       | 876            | 10107        | 0.18%          | 0.011%        |
| 13        | 3.936       | 3.918        | 3.988      | VV       | 4269           | 56816        | 1.03%          | 0.064%        |
| 14        | 4.004       | 3.988        | 4.028      | VV       | 2696           | 30998        | 0.56%          | 0.035%        |
| 15        | 4.043       | 4.028        | 4.077      | VV       | 1364           | 25974        | 0.47%          | 0.029%        |
| 16        | 4.101       | 4.077        | 4.186      | VV       | 1720           | 37282        | 0.68%          | 0.042%        |
| 17        | 4.234       | 4.186        | 4.267      | VV       | 3216           | 86597        | 1.57%          | 0.097%        |
| 18        | 4.278       | 4.267        | 4.363      | VV       | 1192           | 27954        | 0.51%          | 0.031%        |
| 19        | 4.376       | 4.363        | 4.391      | VV       | 353            | 4590         | 0.08%          | 0.005%        |
| 20        | 4.406       | 4.391        | 4.481      | VV       | 938            | 17476        | 0.32%          | 0.020%        |
| 21        | 4.514       | 4.481        | 4.534      | VV       | 782            | 12252        | 0.22%          | 0.014%        |
| 22        | 4.550       | 4.534        | 4.569      | VV       | 391            | 5489         | 0.10%          | 0.006%        |
| 23        | 4.585       | 4.569        | 4.611      | VV       | 275            | 5197         | 0.09%          | 0.006%        |
| 24        | 4.617       | 4.611        | 4.654      | VV       | 222            | 3508         | 0.06%          | 0.004%        |
| 25        | 4.680       | 4.654        | 4.708      | VV       | 1068           | 13424        | 0.24%          | 0.015%        |
| 26        | 4.737       | 4.708        | 4.777      | VV       | 1181           | 21020        | 0.38%          | 0.024%        |
| 27        | 4.794       | 4.777        | 4.860      | VV       | 1024           | 15594        | 0.28%          | 0.017%        |
| 28        | 4.881       | 4.860        | 4.914      | VV       | 257            | 6148         | 0.11%          | 0.007%        |
| 29        | 4.937       | 4.914        | 4.981      | VV       | 242            | 7370         | 0.13%          | 0.008%        |
| 30        | 5.013       | 4.981        | 5.058      | VV       | 511            | 13813        | 0.25%          | 0.015%        |
| 31        | 5.096       | 5.058        | 5.157      | VV       | 1055           | 29979        | 0.54%          | 0.034%        |

|    |       |       |       |    |        |        |       |        |
|----|-------|-------|-------|----|--------|--------|-------|--------|
|    |       |       |       |    | rteres |        |       |        |
| 32 | 5.167 | 5.157 | 5.195 | VV | 438    | 7325   | 0.13% | 0.008% |
| 33 | 5.215 | 5.195 | 5.253 | VV | 358    | 7772   | 0.14% | 0.009% |
| 34 | 5.280 | 5.253 | 5.317 | VV | 799    | 11585  | 0.21% | 0.013% |
| 35 | 5.329 | 5.317 | 5.374 | VV | 210    | 2626   | 0.05% | 0.003% |
| 36 | 5.400 | 5.374 | 5.439 | PV | 296    | 6034   | 0.11% | 0.007% |
| 37 | 5.457 | 5.439 | 5.477 | VV | 432    | 6373   | 0.12% | 0.007% |
| 38 | 5.489 | 5.477 | 5.558 | VV | 191    | 5651   | 0.10% | 0.006% |
| 39 | 5.591 | 5.558 | 5.602 | VV | 136    | 2015   | 0.04% | 0.002% |
| 40 | 5.652 | 5.602 | 5.684 | PV | 375    | 9617   | 0.17% | 0.011% |
| 41 | 5.707 | 5.684 | 5.738 | VV | 414    | 7520   | 0.14% | 0.008% |
| 42 | 5.755 | 5.738 | 5.799 | VV | 572    | 6080   | 0.11% | 0.007% |
| 43 | 5.843 | 5.799 | 5.855 | VV | 151    | 2506   | 0.05% | 0.003% |
| 44 | 5.960 | 5.855 | 6.034 | VV | 530    | 26924  | 0.49% | 0.030% |
| 45 | 6.046 | 6.034 | 6.066 | VV | 283    | 4690   | 0.09% | 0.005% |
| 46 | 6.082 | 6.066 | 6.150 | VV | 259    | 9604   | 0.17% | 0.011% |
| 47 | 6.218 | 6.150 | 6.304 | VV | 12668  | 181259 | 3.29% | 0.203% |
| 48 | 6.326 | 6.304 | 6.345 | VV | 499    | 9457   | 0.17% | 0.011% |
| 49 | 6.399 | 6.345 | 6.413 | VV | 370    | 13206  | 0.24% | 0.015% |
| 50 | 6.430 | 6.413 | 6.491 | VV | 485    | 17555  | 0.32% | 0.020% |
| 51 | 6.521 | 6.491 | 6.554 | VV | 377    | 10770  | 0.20% | 0.012% |
| 52 | 6.573 | 6.554 | 6.611 | VV | 242    | 6886   | 0.13% | 0.008% |
| 53 | 6.626 | 6.611 | 6.657 | VV | 268    | 5062   | 0.09% | 0.006% |
| 54 | 6.682 | 6.657 | 6.738 | VV | 522    | 9103   | 0.17% | 0.010% |
| 55 | 6.746 | 6.738 | 6.752 | VV | 170    | 933    | 0.02% | 0.001% |
| 56 | 6.759 | 6.752 | 6.818 | VV | 153    | 4794   | 0.09% | 0.005% |
| 57 | 6.836 | 6.818 | 6.864 | VV | 229    | 3828   | 0.07% | 0.004% |
| 58 | 6.874 | 6.864 | 6.904 | VV | 225    | 1788   | 0.03% | 0.002% |
| 59 | 6.914 | 6.904 | 6.934 | PV | 95     | 684    | 0.01% | 0.001% |
| 60 | 6.965 | 6.934 | 6.983 | VV | 174    | 2850   | 0.05% | 0.003% |
| 61 | 7.007 | 6.983 | 7.049 | PV | 314    | 6999   | 0.13% | 0.008% |
| 62 | 7.074 | 7.049 | 7.097 | VV | 817    | 12424  | 0.23% | 0.014% |
| 63 | 7.131 | 7.097 | 7.146 | VV | 621    | 12724  | 0.23% | 0.014% |
| 64 | 7.163 | 7.146 | 7.187 | VV | 804    | 14050  | 0.26% | 0.016% |
| 65 | 7.221 | 7.187 | 7.280 | VV | 1676   | 41393  | 0.75% | 0.046% |
| 66 | 7.313 | 7.280 | 7.386 | VV | 7453   | 111586 | 2.03% | 0.125% |
| 67 | 7.412 | 7.386 | 7.430 | VV | 1526   | 23248  | 0.42% | 0.026% |
| 68 | 7.449 | 7.430 | 7.594 | VV | 5854   | 88866  | 1.61% | 0.100% |
| 69 | 7.638 | 7.594 | 7.677 | VV | 1536   | 30357  | 0.55% | 0.034% |
| 70 | 7.688 | 7.677 | 7.732 | VV | 228    | 4397   | 0.08% | 0.005% |
| 71 | 7.753 | 7.732 | 7.769 | VV | 77     | 1292   | 0.02% | 0.001% |
| 72 | 7.805 | 7.769 | 7.823 | PV | 104    | 2163   | 0.04% | 0.002% |
| 73 | 7.847 | 7.823 | 7.868 | PV | 182    | 1650   | 0.03% | 0.002% |
| 74 | 8.052 | 8.026 | 8.144 | VV | 4332   | 131783 | 2.39% | 0.148% |
| 75 | 8.150 | 8.144 | 8.183 | VV | 793    | 14985  | 0.27% | 0.017% |
| 76 | 8.211 | 8.183 | 8.291 | VV | 1977   | 58471  | 1.06% | 0.066% |
| 77 | 8.324 | 8.291 | 8.369 | VV | 2305   | 58897  | 1.07% | 0.066% |
| 78 | 8.394 | 8.369 | 8.406 | VV | 1123   | 17181  | 0.31% | 0.019% |
| 79 | 8.428 | 8.406 | 8.443 | VV | 4971   | 63897  | 1.16% | 0.072% |

|     |        |        |        |    |        |         |        |        |
|-----|--------|--------|--------|----|--------|---------|--------|--------|
| 80  | 8.477  | 8.443  | 8.531  | VV | 114154 | 1430227 | 25.98% | 1.602% |
| 81  | 8.544  | 8.531  | 8.561  | VV | 1565   | 23781   | 0.43%  | 0.027% |
| 82  | 8.612  | 8.561  | 8.686  | VV | 17544  | 311974  | 5.67%  | 0.350% |
| 83  | 8.702  | 8.686  | 8.727  | VV | 1498   | 22104   | 0.40%  | 0.025% |
| 84  | 8.745  | 8.727  | 8.776  | VV | 691    | 13894   | 0.25%  | 0.016% |
| 85  | 8.908  | 8.887  | 8.943  | VV | 21173  | 285573  | 5.19%  | 0.320% |
| 86  | 8.959  | 8.943  | 9.015  | VV | 3112   | 83413   | 1.51%  | 0.093% |
| 87  | 9.030  | 9.015  | 9.121  | VV | 1448   | 63324   | 1.15%  | 0.071% |
| 88  | 9.153  | 9.121  | 9.166  | VV | 2122   | 34052   | 0.62%  | 0.038% |
| 89  | 9.187  | 9.166  | 9.218  | VV | 11220  | 154110  | 2.80%  | 0.173% |
| 90  | 9.245  | 9.218  | 9.301  | VV | 1793   | 63077   | 1.15%  | 0.071% |
| 91  | 9.332  | 9.301  | 9.350  | VV | 2067   | 40040   | 0.73%  | 0.045% |
| 92  | 9.365  | 9.350  | 9.410  | VV | 1931   | 37297   | 0.68%  | 0.042% |
| 93  | 9.426  | 9.410  | 9.458  | VV | 729    | 13008   | 0.24%  | 0.015% |
| 94  | 9.481  | 9.458  | 9.498  | VV | 1864   | 24851   | 0.45%  | 0.028% |
| 95  | 9.516  | 9.498  | 9.546  | VV | 1765   | 30128   | 0.55%  | 0.034% |
| 96  | 9.565  | 9.546  | 9.588  | VV | 1660   | 24893   | 0.45%  | 0.028% |
| 97  | 9.617  | 9.588  | 9.644  | VV | 1468   | 26632   | 0.48%  | 0.030% |
| 98  | 9.662  | 9.644  | 9.676  | VV | 1865   | 23622   | 0.43%  | 0.026% |
| 99  | 9.701  | 9.676  | 9.757  | VV | 21108  | 304413  | 5.53%  | 0.341% |
| 100 | 9.778  | 9.757  | 9.798  | VV | 2492   | 38273   | 0.70%  | 0.043% |
| 101 | 9.851  | 9.798  | 9.893  | VV | 4892   | 116060  | 2.11%  | 0.130% |
| 102 | 9.913  | 9.893  | 9.941  | VV | 2608   | 42004   | 0.76%  | 0.047% |
| 103 | 9.964  | 9.941  | 10.001 | VV | 1753   | 37135   | 0.67%  | 0.042% |
| 104 | 10.026 | 10.001 | 10.065 | VV | 4684   | 77378   | 1.41%  | 0.087% |
| 105 | 10.078 | 10.065 | 10.094 | VV | 998    | 15010   | 0.27%  | 0.017% |
| 106 | 10.126 | 10.094 | 10.170 | VV | 5848   | 117056  | 2.13%  | 0.131% |
| 107 | 10.187 | 10.170 | 10.206 | VV | 1299   | 20267   | 0.37%  | 0.023% |
| 108 | 10.221 | 10.206 | 10.254 | VV | 1156   | 16215   | 0.29%  | 0.018% |
| 109 | 10.286 | 10.254 | 10.371 | VV | 574    | 14076   | 0.26%  | 0.016% |
| 110 | 10.395 | 10.371 | 10.407 | PV | 259    | 2805    | 0.05%  | 0.003% |
| 111 | 10.448 | 10.407 | 10.462 | VV | 1488   | 27053   | 0.49%  | 0.030% |
| 112 | 10.470 | 10.462 | 10.488 | VV | 1149   | 12230   | 0.22%  | 0.014% |
| 113 | 10.506 | 10.488 | 10.528 | VV | 822    | 14185   | 0.26%  | 0.016% |
| 114 | 10.587 | 10.528 | 10.610 | VV | 4589   | 97927   | 1.78%  | 0.110% |
| 115 | 10.626 | 10.610 | 10.664 | VV | 2568   | 39849   | 0.72%  | 0.045% |
| 116 | 10.708 | 10.664 | 10.738 | VV | 3896   | 93592   | 1.70%  | 0.105% |
| 117 | 10.759 | 10.738 | 10.794 | VV | 5499   | 102041  | 1.85%  | 0.114% |
| 118 | 10.808 | 10.794 | 10.843 | VV | 2603   | 59749   | 1.09%  | 0.067% |
| 119 | 10.873 | 10.843 | 10.887 | VV | 4419   | 83674   | 1.52%  | 0.094% |
| 120 | 10.909 | 10.887 | 10.949 | VV | 7869   | 144253  | 2.62%  | 0.162% |
| 121 | 10.980 | 10.949 | 10.990 | VV | 1151   | 23113   | 0.42%  | 0.026% |
| 122 | 11.006 | 10.990 | 11.024 | VV | 2208   | 28386   | 0.52%  | 0.032% |
| 123 | 11.039 | 11.024 | 11.057 | VV | 945    | 14363   | 0.26%  | 0.016% |
| 124 | 11.106 | 11.057 | 11.157 | VV | 160100 | 1880399 | 34.15% | 2.107% |
| 125 | 11.182 | 11.157 | 11.271 | VV | 49254  | 697925  | 12.68% | 0.782% |
| 126 | 11.285 | 11.271 | 11.341 | VV | 971    | 23285   | 0.42%  | 0.026% |

|     |        |        |        |    |        |         |         |        |
|-----|--------|--------|--------|----|--------|---------|---------|--------|
|     |        |        |        |    | rteres |         |         |        |
| 127 | 11.364 | 11.341 | 11.381 | PV | 667    | 8407    | 0.15%   | 0.009% |
| 128 | 11.404 | 11.381 | 11.443 | VV | 7948   | 121004  | 2.20%   | 0.136% |
| 129 | 11.499 | 11.443 | 11.531 | VV | 2153   | 60217   | 1.09%   | 0.067% |
| 130 | 11.537 | 11.531 | 11.545 | VV | 1032   | 8103    | 0.15%   | 0.009% |
| 131 | 11.570 | 11.545 | 11.591 | VV | 2173   | 46325   | 0.84%   | 0.052% |
| 132 | 11.641 | 11.591 | 11.678 | VV | 5689   | 136434  | 2.48%   | 0.153% |
| 133 | 11.710 | 11.678 | 11.734 | VV | 2868   | 44267   | 0.80%   | 0.050% |
| 134 | 11.761 | 11.734 | 11.781 | VV | 2783   | 40339   | 0.73%   | 0.045% |
| 135 | 11.803 | 11.781 | 11.844 | VV | 1918   | 39777   | 0.72%   | 0.045% |
| 136 | 11.878 | 11.844 | 11.901 | VV | 488697 | 5506005 | 100.00% | 6.169% |
| 137 | 11.911 | 11.901 | 11.926 | VV | 20141  | 220495  | 4.00%   | 0.247% |
| 138 | 11.942 | 11.926 | 11.985 | VV | 24582  | 318304  | 5.78%   | 0.357% |
| 139 | 12.024 | 11.985 | 12.045 | VV | 26807  | 421543  | 7.66%   | 0.472% |
| 140 | 12.060 | 12.045 | 12.074 | VV | 14035  | 165761  | 3.01%   | 0.186% |
| 141 | 12.090 | 12.074 | 12.129 | VV | 18168  | 235335  | 4.27%   | 0.264% |
| 142 | 12.174 | 12.129 | 12.194 | PV | 1468   | 25317   | 0.46%   | 0.028% |
| 143 | 12.236 | 12.194 | 12.254 | VV | 2460   | 42635   | 0.77%   | 0.048% |
| 144 | 12.276 | 12.254 | 12.359 | VV | 11022  | 231397  | 4.20%   | 0.259% |
| 145 | 12.384 | 12.359 | 12.427 | VV | 12668  | 193432  | 3.51%   | 0.217% |
| 146 | 12.444 | 12.427 | 12.455 | VV | 2373   | 30654   | 0.56%   | 0.034% |
| 147 | 12.481 | 12.455 | 12.514 | VV | 42349  | 494647  | 8.98%   | 0.554% |
| 148 | 12.529 | 12.514 | 12.548 | VV | 2354   | 32038   | 0.58%   | 0.036% |
| 149 | 12.564 | 12.548 | 12.577 | VV | 1444   | 20036   | 0.36%   | 0.022% |
| 150 | 12.588 | 12.577 | 12.602 | VV | 1481   | 17132   | 0.31%   | 0.019% |
| 151 | 12.655 | 12.602 | 12.680 | VV | 3095   | 85448   | 1.55%   | 0.096% |
| 152 | 12.703 | 12.680 | 12.741 | VV | 6342   | 115703  | 2.10%   | 0.130% |
| 153 | 12.765 | 12.741 | 12.791 | VV | 9476   | 146983  | 2.67%   | 0.165% |
| 154 | 12.812 | 12.791 | 12.832 | VV | 17429  | 226299  | 4.11%   | 0.254% |
| 155 | 12.848 | 12.832 | 12.861 | VV | 7951   | 110545  | 2.01%   | 0.124% |
| 156 | 12.875 | 12.861 | 12.897 | VV | 8676   | 123740  | 2.25%   | 0.139% |
| 157 | 12.928 | 12.897 | 12.974 | VV | 261556 | 3058130 | 55.54%  | 3.426% |
| 158 | 12.991 | 12.974 | 13.011 | VV | 2579   | 37322   | 0.68%   | 0.042% |
| 159 | 13.027 | 13.011 | 13.039 | VV | 1565   | 19752   | 0.36%   | 0.022% |
| 160 | 13.065 | 13.039 | 13.098 | VV | 10587  | 201523  | 3.66%   | 0.226% |
| 161 | 13.113 | 13.098 | 13.129 | VV | 8996   | 122004  | 2.22%   | 0.137% |
| 162 | 13.144 | 13.129 | 13.158 | VV | 7394   | 104523  | 1.90%   | 0.117% |
| 163 | 13.167 | 13.158 | 13.198 | VV | 5817   | 87220   | 1.58%   | 0.098% |
| 164 | 13.226 | 13.198 | 13.260 | VV | 207765 | 2473887 | 44.93%  | 2.772% |
| 165 | 13.283 | 13.260 | 13.293 | VV | 17961  | 208615  | 3.79%   | 0.234% |
| 166 | 13.320 | 13.293 | 13.351 | VV | 352349 | 4406795 | 80.04%  | 4.937% |
| 167 | 13.362 | 13.351 | 13.381 | VV | 5641   | 78529   | 1.43%   | 0.088% |
| 168 | 13.401 | 13.381 | 13.418 | VV | 8726   | 118259  | 2.15%   | 0.132% |
| 169 | 13.431 | 13.418 | 13.459 | VV | 5692   | 74586   | 1.35%   | 0.084% |
| 170 | 13.497 | 13.459 | 13.527 | PV | 13609  | 214557  | 3.90%   | 0.240% |
| 171 | 13.560 | 13.527 | 13.581 | VV | 6219   | 152367  | 2.77%   | 0.171% |
| 172 | 13.598 | 13.581 | 13.611 | VV | 8150   | 110044  | 2.00%   | 0.123% |
| 173 | 13.625 | 13.611 | 13.664 | VV | 8859   | 161162  | 2.93%   | 0.181% |
| 174 | 13.687 | 13.664 | 13.759 | VV | 17604  | 398622  | 7.24%   | 0.447% |

|     |        |        |        |    |                 |         |        |        |
|-----|--------|--------|--------|----|-----------------|---------|--------|--------|
| 175 | 13.818 | 13.759 | 13.859 | VV | rteres<br>41229 | 710923  | 12.91% | 0.796% |
| 176 | 13.885 | 13.859 | 13.901 | VV | 4543            | 69636   | 1.26%  | 0.078% |
| 177 | 13.925 | 13.901 | 13.945 | VV | 23011           | 302657  | 5.50%  | 0.339% |
| 178 | 13.964 | 13.945 | 13.988 | VV | 21579           | 285327  | 5.18%  | 0.320% |
| 179 | 14.003 | 13.988 | 14.030 | VV | 5369            | 97280   | 1.77%  | 0.109% |
| 180 | 14.093 | 14.030 | 14.116 | VV | 20215           | 474696  | 8.62%  | 0.532% |
| 181 | 14.135 | 14.116 | 14.180 | VV | 15939           | 244354  | 4.44%  | 0.274% |
| 182 | 14.213 | 14.180 | 14.235 | VV | 4211            | 75868   | 1.38%  | 0.085% |
| 183 | 14.256 | 14.235 | 14.274 | VV | 2137            | 39663   | 0.72%  | 0.044% |
| 184 | 14.301 | 14.274 | 14.310 | VV | 1685            | 31690   | 0.58%  | 0.036% |
| 185 | 14.319 | 14.310 | 14.364 | VV | 1678            | 33296   | 0.60%  | 0.037% |
| 186 | 14.404 | 14.364 | 14.443 | VV | 1891            | 33083   | 0.60%  | 0.037% |
| 187 | 14.519 | 14.443 | 14.536 | VV | 8503            | 226827  | 4.12%  | 0.254% |
| 188 | 14.557 | 14.536 | 14.591 | VV | 18866           | 286803  | 5.21%  | 0.321% |
| 189 | 14.654 | 14.591 | 14.701 | VV | 6374            | 236721  | 4.30%  | 0.265% |
| 190 | 14.732 | 14.701 | 14.770 | VV | 22567           | 423024  | 7.68%  | 0.474% |
| 191 | 14.794 | 14.770 | 14.820 | VV | 36146           | 518515  | 9.42%  | 0.581% |
| 192 | 14.860 | 14.820 | 14.899 | VV | 22132           | 436056  | 7.92%  | 0.489% |
| 193 | 14.921 | 14.899 | 14.936 | VV | 2979            | 48439   | 0.88%  | 0.054% |
| 194 | 14.981 | 14.936 | 15.033 | VV | 7618            | 188304  | 3.42%  | 0.211% |
| 195 | 15.062 | 15.033 | 15.079 | PV | 9570            | 114147  | 2.07%  | 0.128% |
| 196 | 15.108 | 15.079 | 15.128 | VV | 120704          | 1608747 | 29.22% | 1.802% |
| 197 | 15.149 | 15.128 | 15.212 | VV | 128191          | 1866202 | 33.89% | 2.091% |
| 198 | 15.224 | 15.212 | 15.238 | VV | 4559            | 66424   | 1.21%  | 0.074% |
| 199 | 15.270 | 15.238 | 15.326 | VV | 32382           | 597415  | 10.85% | 0.669% |
| 200 | 15.355 | 15.326 | 15.387 | VV | 5304            | 115139  | 2.09%  | 0.129% |
| 201 | 15.418 | 15.387 | 15.434 | PV | 10346           | 152316  | 2.77%  | 0.171% |
| 202 | 15.448 | 15.434 | 15.508 | VV | 9795            | 254729  | 4.63%  | 0.285% |
| 203 | 15.565 | 15.508 | 15.633 | VV | 19938           | 551771  | 10.02% | 0.618% |
| 204 | 15.651 | 15.633 | 15.670 | VV | 3301            | 53558   | 0.97%  | 0.060% |
| 205 | 15.699 | 15.670 | 15.721 | VV | 5496            | 106221  | 1.93%  | 0.119% |
| 206 | 15.782 | 15.721 | 15.804 | VV | 34482           | 660722  | 12.00% | 0.740% |
| 207 | 15.821 | 15.804 | 15.848 | VV | 15359           | 229441  | 4.17%  | 0.257% |
| 208 | 15.866 | 15.848 | 15.895 | VV | 7417            | 141802  | 2.58%  | 0.159% |
| 209 | 15.943 | 15.895 | 15.985 | VV | 18891           | 548998  | 9.97%  | 0.615% |
| 210 | 16.019 | 15.985 | 16.049 | VV | 6873            | 143652  | 2.61%  | 0.161% |
| 211 | 16.063 | 16.049 | 16.082 | VV | 1600            | 22733   | 0.41%  | 0.025% |
| 212 | 16.106 | 16.082 | 16.132 | VV | 6868            | 92002   | 1.67%  | 0.103% |
| 213 | 16.156 | 16.132 | 16.172 | VV | 3933            | 63844   | 1.16%  | 0.072% |
| 214 | 16.206 | 16.172 | 16.244 | VV | 6537            | 151595  | 2.75%  | 0.170% |
| 215 | 16.275 | 16.244 | 16.300 | VV | 1442            | 32166   | 0.58%  | 0.036% |
| 216 | 16.314 | 16.300 | 16.334 | VV | 1063            | 10288   | 0.19%  | 0.012% |
| 217 | 16.342 | 16.334 | 16.347 | VV | 233             | 1073    | 0.02%  | 0.001% |
| 218 | 16.405 | 16.347 | 16.437 | PV | 5563            | 161300  | 2.93%  | 0.181% |
| 219 | 16.458 | 16.437 | 16.475 | VV | 6269            | 90698   | 1.65%  | 0.102% |
| 220 | 16.489 | 16.475 | 16.505 | VV | 4851            | 68477   | 1.24%  | 0.077% |
| 221 | 16.521 | 16.505 | 16.555 | VV | 3536            | 93815   | 1.70%  | 0.105% |

|     |        |        |        |    |        |         |        |        |
|-----|--------|--------|--------|----|--------|---------|--------|--------|
|     |        |        |        |    | rteres |         |        |        |
| 222 | 16.586 | 16.555 | 16.630 | VV | 11386  | 321416  | 5.84%  | 0.360% |
| 223 | 16.672 | 16.630 | 16.737 | VV | 156389 | 3173788 | 57.64% | 3.556% |
| 224 | 16.753 | 16.737 | 16.774 | VV | 4918   | 82371   | 1.50%  | 0.092% |
| 225 | 16.801 | 16.774 | 16.882 | VV | 32721  | 593421  | 10.78% | 0.665% |
| 226 | 16.924 | 16.882 | 16.938 | VV | 4914   | 73764   | 1.34%  | 0.083% |
| 227 | 16.992 | 16.938 | 17.021 | VV | 92161  | 1570182 | 28.52% | 1.759% |
| 228 | 17.050 | 17.021 | 17.100 | VV | 109490 | 1645402 | 29.88% | 1.843% |
| 229 | 17.152 | 17.100 | 17.181 | VV | 31702  | 537353  | 9.76%  | 0.602% |
| 230 | 17.203 | 17.181 | 17.219 | VV | 9038   | 148642  | 2.70%  | 0.167% |
| 231 | 17.227 | 17.219 | 17.245 | VV | 6174   | 79095   | 1.44%  | 0.089% |
| 232 | 17.262 | 17.245 | 17.269 | VV | 5458   | 69529   | 1.26%  | 0.078% |
| 233 | 17.300 | 17.269 | 17.339 | VV | 10527  | 285497  | 5.19%  | 0.320% |
| 234 | 17.354 | 17.339 | 17.374 | VV | 4264   | 58449   | 1.06%  | 0.065% |
| 235 | 17.417 | 17.374 | 17.495 | VV | 16113  | 515333  | 9.36%  | 0.577% |
| 236 | 17.552 | 17.495 | 17.566 | PV | 12140  | 290655  | 5.28%  | 0.326% |
| 237 | 17.576 | 17.566 | 17.618 | VV | 10283  | 207527  | 3.77%  | 0.233% |
| 238 | 17.640 | 17.618 | 17.656 | VV | 6162   | 103508  | 1.88%  | 0.116% |
| 239 | 17.669 | 17.656 | 17.685 | VV | 5153   | 73617   | 1.34%  | 0.082% |
| 240 | 17.710 | 17.685 | 17.736 | VV | 11816  | 214027  | 3.89%  | 0.240% |
| 241 | 17.750 | 17.736 | 17.792 | VV | 4311   | 82793   | 1.50%  | 0.093% |
| 242 | 17.826 | 17.792 | 17.877 | VV | 3132   | 78942   | 1.43%  | 0.088% |
| 243 | 17.895 | 17.877 | 17.912 | VV | 1118   | 13392   | 0.24%  | 0.015% |
| 244 | 17.924 | 17.912 | 17.944 | VV | 507    | 5908    | 0.11%  | 0.007% |
| 245 | 18.011 | 17.944 | 18.026 | PV | 5896   | 147849  | 2.69%  | 0.166% |
| 246 | 18.045 | 18.026 | 18.074 | VV | 8027   | 138092  | 2.51%  | 0.155% |
| 247 | 18.134 | 18.074 | 18.170 | VV | 11813  | 321390  | 5.84%  | 0.360% |
| 248 | 18.202 | 18.170 | 18.250 | VV | 10446  | 330506  | 6.00%  | 0.370% |
| 249 | 18.276 | 18.250 | 18.303 | VV | 4993   | 127638  | 2.32%  | 0.143% |
| 250 | 18.334 | 18.303 | 18.385 | VV | 22994  | 551938  | 10.02% | 0.618% |
| 251 | 18.425 | 18.385 | 18.452 | VV | 70442  | 1295986 | 23.54% | 1.452% |
| 252 | 18.466 | 18.452 | 18.496 | VV | 23434  | 460094  | 8.36%  | 0.515% |
| 253 | 18.509 | 18.496 | 18.532 | VV | 10221  | 177274  | 3.22%  | 0.199% |
| 254 | 18.558 | 18.532 | 18.574 | VV | 20283  | 332967  | 6.05%  | 0.373% |
| 255 | 18.590 | 18.574 | 18.648 | VV | 16815  | 475359  | 8.63%  | 0.533% |
| 256 | 18.680 | 18.648 | 18.737 | VV | 58130  | 1067538 | 19.39% | 1.196% |
| 257 | 18.764 | 18.737 | 18.785 | VV | 8377   | 201826  | 3.67%  | 0.226% |
| 258 | 18.813 | 18.785 | 18.846 | VV | 18798  | 412794  | 7.50%  | 0.462% |
| 259 | 18.871 | 18.846 | 18.894 | VV | 8830   | 201686  | 3.66%  | 0.226% |
| 260 | 18.919 | 18.894 | 18.943 | VV | 6393   | 168496  | 3.06%  | 0.189% |
| 261 | 18.977 | 18.943 | 19.008 | VV | 12396  | 326354  | 5.93%  | 0.366% |
| 262 | 19.018 | 19.008 | 19.047 | VV | 6988   | 146364  | 2.66%  | 0.164% |
| 263 | 19.067 | 19.047 | 19.089 | VV | 7088   | 164477  | 2.99%  | 0.184% |
| 264 | 19.115 | 19.089 | 19.139 | VV | 8765   | 214091  | 3.89%  | 0.240% |
| 265 | 19.191 | 19.139 | 19.216 | VV | 12312  | 396809  | 7.21%  | 0.445% |
| 266 | 19.255 | 19.216 | 19.264 | VV | 11945  | 300548  | 5.46%  | 0.337% |
| 267 | 19.276 | 19.264 | 19.316 | VV | 12081  | 314817  | 5.72%  | 0.353% |
| 268 | 19.361 | 19.316 | 19.419 | VV | 11636  | 547386  | 9.94%  | 0.613% |
| 269 | 19.491 | 19.419 | 19.506 | VV | 7217   | 347964  | 6.32%  | 0.390% |

|     |        |        |        |    |                |         |        |        |
|-----|--------|--------|--------|----|----------------|---------|--------|--------|
| 270 | 19.562 | 19.506 | 19.578 | VV | rteres<br>7602 | 307595  | 5.59%  | 0.345% |
| 271 | 19.586 | 19.578 | 19.594 | VV | 7535           | 72295   | 1.31%  | 0.081% |
| 272 | 19.664 | 19.594 | 19.676 | VV | 10519          | 440063  | 7.99%  | 0.493% |
| 273 | 19.710 | 19.676 | 19.740 | VV | 12135          | 422917  | 7.68%  | 0.474% |
| 274 | 19.771 | 19.740 | 19.808 | VV | 14887          | 496125  | 9.01%  | 0.556% |
| 275 | 19.842 | 19.808 | 19.876 | VV | 28021          | 805801  | 14.63% | 0.903% |
| 276 | 19.911 | 19.876 | 19.947 | VV | 30812          | 956913  | 17.38% | 1.072% |
| 277 | 19.961 | 19.947 | 19.981 | VV | 19912          | 388466  | 7.06%  | 0.435% |
| 278 | 20.007 | 19.981 | 20.105 | VV | 20052          | 1256204 | 22.82% | 1.407% |
| 279 | 20.129 | 20.105 | 20.155 | VV | 16352          | 460073  | 8.36%  | 0.515% |
| 280 | 20.223 | 20.155 | 20.261 | VV | 33292          | 1411985 | 25.64% | 1.582% |
| 281 | 20.294 | 20.261 | 20.312 | VV | 23316          | 664607  | 12.07% | 0.745% |
| 282 | 20.323 | 20.312 | 20.344 | VV | 21052          | 393467  | 7.15%  | 0.441% |
| 283 | 20.357 | 20.344 | 20.388 | VV | 20081          | 508599  | 9.24%  | 0.570% |
| 284 | 20.402 | 20.388 | 20.418 | VV | 19604          | 349382  | 6.35%  | 0.391% |
| 285 | 20.518 | 20.418 | 20.551 | VV | 23271          | 1751985 | 31.82% | 1.963% |
| 286 | 20.572 | 20.551 | 20.608 | VV | 22486          | 750893  | 13.64% | 0.841% |
| 287 | 20.615 | 20.608 | 20.646 | VV | 21813          | 497371  | 9.03%  | 0.557% |
| 288 | 20.671 | 20.646 | 20.684 | VV | 21458          | 488854  | 8.88%  | 0.548% |
| 289 | 20.768 | 20.684 | 20.779 | VV | 24843          | 1303070 | 23.67% | 1.460% |
| 290 | 20.801 | 20.779 | 20.824 | VV | 26136          | 683622  | 12.42% | 0.766% |
| 291 | 20.832 | 20.824 | 20.954 | VV | 25214          | 1756321 | 31.90% | 1.968% |
| 292 | 21.008 | 20.954 | 21.028 | VV | 20950          | 907411  | 16.48% | 1.017% |
| 293 | 21.133 | 21.028 | 21.206 | VV | 22391          | 2116450 | 38.44% | 2.371% |
| 294 | 21.262 | 21.206 | 21.311 | VV | 14783          | 896131  | 16.28% | 1.004% |
| 295 | 21.348 | 21.311 | 21.371 | VV | 15686          | 547990  | 9.95%  | 0.614% |
| 296 | 21.406 | 21.371 | 21.489 | VV | 15845          | 1068625 | 19.41% | 1.197% |
| 297 | 21.528 | 21.489 | 21.546 | VV | 14861          | 498620  | 9.06%  | 0.559% |
| 298 | 21.553 | 21.546 | 21.584 | VV | 14388          | 326133  | 5.92%  | 0.365% |
| 299 | 21.626 | 21.584 | 21.824 | VV | 15830          | 1772452 | 32.19% | 1.986% |
| 300 | 21.849 | 21.824 | 21.878 | VV | 8648           | 270097  | 4.91%  | 0.303% |
| 301 | 21.928 | 21.878 | 21.992 | VV | 9792           | 583691  | 10.60% | 0.654% |
| 302 | 22.002 | 21.992 | 22.007 | VV | 7292           | 64660   | 1.17%  | 0.072% |
| 303 | 22.065 | 22.007 | 22.074 | VV | 8043           | 310969  | 5.65%  | 0.348% |
| 304 | 22.096 | 22.074 | 22.304 | VV | 8080           | 605031  | 10.99% | 0.678% |

Sum of corrected areas: 89257853

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