

rteres

## Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_F\Data\FF110624AL\  
Data File : FF014934.D  
Signal(s) : FID2B.ch  
Acq On : 06 Nov 2024 16:55  
Sample : P4707-01  
Misc :  
ALS Vial : 20 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID\_F\Method\Aliphatic EPH 102124.M  
Title : GC Extractables

Signal : FID2B.ch

| peak<br># | R.T.<br>min | Start<br>min | End<br>min | PK<br>TY | peak<br>height | peak<br>area | peak<br>% max. | % of<br>total |
|-----------|-------------|--------------|------------|----------|----------------|--------------|----------------|---------------|
| 1         | 2.927       | 2.897        | 2.942      | PV       | 230            | 3116         | 0.03%          | 0.002%        |
| 2         | 2.959       | 2.942        | 2.978      | VV       | 230            | 3310         | 0.04%          | 0.002%        |
| 3         | 2.994       | 2.978        | 3.029      | VV       | 257            | 4780         | 0.05%          | 0.003%        |
| 4         | 3.053       | 3.029        | 3.088      | PV       | 291            | 4434         | 0.05%          | 0.003%        |
| 5         | 3.124       | 3.088        | 3.144      | VV       | 1802           | 23051        | 0.26%          | 0.014%        |
| 6         | 3.168       | 3.144        | 3.205      | VV       | 769            | 15882        | 0.18%          | 0.010%        |
| 7         | 3.222       | 3.205        | 3.255      | VV       | 246            | 5707         | 0.06%          | 0.004%        |
| 8         | 3.269       | 3.255        | 3.286      | VV       | 428            | 4933         | 0.05%          | 0.003%        |
| 9         | 3.303       | 3.286        | 3.332      | VV       | 415            | 7548         | 0.08%          | 0.005%        |
| 10        | 3.341       | 3.332        | 3.363      | VV       | 411            | 5523         | 0.06%          | 0.003%        |
| 11        | 3.378       | 3.363        | 3.393      | VV       | 350            | 4662         | 0.05%          | 0.003%        |
| 12        | 3.419       | 3.393        | 3.438      | VV       | 442            | 7487         | 0.08%          | 0.005%        |
| 13        | 3.453       | 3.438        | 3.468      | VV       | 353            | 5438         | 0.06%          | 0.003%        |
| 14        | 3.507       | 3.468        | 3.565      | VV       | 8384           | 89589        | 1.00%          | 0.055%        |
| 15        | 3.590       | 3.565        | 3.628      | VV       | 282            | 7955         | 0.09%          | 0.005%        |
| 16        | 3.650       | 3.628        | 3.701      | VV       | 8085           | 93017        | 1.03%          | 0.057%        |
| 17        | 3.718       | 3.701        | 3.733      | VV       | 682            | 8862         | 0.10%          | 0.005%        |
| 18        | 3.760       | 3.733        | 3.773      | VV       | 625            | 10993        | 0.12%          | 0.007%        |
| 19        | 3.795       | 3.773        | 3.848      | VV       | 8959           | 85786        | 0.95%          | 0.053%        |
| 20        | 3.863       | 3.848        | 3.888      | VV       | 164            | 3220         | 0.04%          | 0.002%        |
| 21        | 3.909       | 3.888        | 3.950      | VV       | 6189           | 60158        | 0.67%          | 0.037%        |
| 22        | 3.965       | 3.950        | 3.974      | VV       | 364            | 3321         | 0.04%          | 0.002%        |
| 23        | 3.997       | 3.974        | 4.074      | VV       | 20355          | 197079       | 2.19%          | 0.121%        |
| 24        | 4.108       | 4.074        | 4.140      | VV       | 736            | 12874        | 0.14%          | 0.008%        |
| 25        | 4.161       | 4.140        | 4.182      | VV       | 870            | 10805        | 0.12%          | 0.007%        |
| 26        | 4.199       | 4.182        | 4.238      | VV       | 281            | 6223         | 0.07%          | 0.004%        |
| 27        | 4.276       | 4.238        | 4.285      | VV       | 766            | 13113        | 0.15%          | 0.008%        |
| 28        | 4.302       | 4.285        | 4.322      | VV       | 1493           | 20556        | 0.23%          | 0.013%        |
| 29        | 4.338       | 4.322        | 4.373      | VV       | 1208           | 15299        | 0.17%          | 0.009%        |
| 30        | 4.391       | 4.373        | 4.417      | VV       | 223            | 4389         | 0.05%          | 0.003%        |
| 31        | 4.434       | 4.417        | 4.449      | VV       | 516            | 5264         | 0.06%          | 0.003%        |
| 32        | 4.460       | 4.449        | 4.477      | VV       | 307            | 3909         | 0.04%          | 0.002%        |
| 33        | 4.492       | 4.477        | 4.508      | VV       | 212            | 2832         | 0.03%          | 0.002%        |
| 34        | 4.578       | 4.508        | 4.622      | VV       | 456            | 15516        | 0.17%          | 0.010%        |
| 35        | 4.654       | 4.622        | 4.678      | VV       | 1007           | 13836        | 0.15%          | 0.008%        |
| 36        | 4.694       | 4.678        | 4.716      | VV       | 227            | 3100         | 0.03%          | 0.002%        |

|    |       |       |       |    |        |       |       |        |
|----|-------|-------|-------|----|--------|-------|-------|--------|
|    |       |       |       |    | rteres |       |       |        |
| 37 | 4.739 | 4.716 | 4.774 | VV | 462    | 6469  | 0.07% | 0.004% |
| 38 | 4.802 | 4.774 | 4.839 | VV | 355    | 7692  | 0.09% | 0.005% |
| 39 | 4.855 | 4.839 | 4.875 | VV | 338    | 4626  | 0.05% | 0.003% |
| 40 | 4.891 | 4.875 | 4.909 | VV | 228    | 3936  | 0.04% | 0.002% |
| 41 | 4.938 | 4.909 | 4.965 | VV | 269    | 7479  | 0.08% | 0.005% |
| 42 | 4.975 | 4.965 | 5.008 | VV | 303    | 5619  | 0.06% | 0.003% |
| 43 | 5.039 | 5.008 | 5.072 | VV | 392    | 10824 | 0.12% | 0.007% |
| 44 | 5.083 | 5.072 | 5.146 | VV | 283    | 9076  | 0.10% | 0.006% |
| 45 | 5.154 | 5.146 | 5.172 | VV | 158    | 1850  | 0.02% | 0.001% |
| 46 | 5.193 | 5.172 | 5.212 | VV | 253    | 4231  | 0.05% | 0.003% |
| 47 | 5.227 | 5.212 | 5.244 | VV | 238    | 3408  | 0.04% | 0.002% |
| 48 | 5.273 | 5.244 | 5.314 | VV | 333    | 7813  | 0.09% | 0.005% |
| 49 | 5.327 | 5.314 | 5.345 | VV | 216    | 2608  | 0.03% | 0.002% |
| 50 | 5.359 | 5.345 | 5.382 | VV | 244    | 3711  | 0.04% | 0.002% |
| 51 | 5.388 | 5.382 | 5.419 | VV | 183    | 2990  | 0.03% | 0.002% |
| 52 | 5.439 | 5.419 | 5.481 | VV | 731    | 10736 | 0.12% | 0.007% |
| 53 | 5.490 | 5.481 | 5.494 | VV | 156    | 983   | 0.01% | 0.001% |
| 54 | 5.514 | 5.494 | 5.543 | VV | 612    | 8269  | 0.09% | 0.005% |
| 55 | 5.554 | 5.543 | 5.568 | VV | 179    | 2021  | 0.02% | 0.001% |
| 56 | 5.583 | 5.568 | 5.604 | VV | 222    | 3146  | 0.04% | 0.002% |
| 57 | 5.616 | 5.604 | 5.632 | VV | 125    | 1443  | 0.02% | 0.001% |
| 58 | 5.639 | 5.632 | 5.669 | VV | 156    | 1860  | 0.02% | 0.001% |
| 59 | 5.677 | 5.669 | 5.687 | VV | 55     | 412   | 0.00% | 0.000% |
| 60 | 5.740 | 5.687 | 5.762 | PV | 1004   | 15002 | 0.17% | 0.009% |
| 61 | 5.773 | 5.762 | 5.788 | VV | 354    | 3900  | 0.04% | 0.002% |
| 62 | 5.805 | 5.788 | 5.848 | VV | 312    | 6913  | 0.08% | 0.004% |
| 63 | 5.854 | 5.848 | 5.866 | VV | 135    | 1409  | 0.02% | 0.001% |
| 64 | 5.895 | 5.866 | 5.928 | VV | 511    | 8128  | 0.09% | 0.005% |
| 65 | 5.961 | 5.928 | 6.000 | VV | 757    | 12601 | 0.14% | 0.008% |
| 66 | 6.021 | 6.000 | 6.055 | VV | 498    | 7650  | 0.09% | 0.005% |
| 67 | 6.073 | 6.055 | 6.108 | VV | 363    | 5865  | 0.07% | 0.004% |
| 68 | 6.120 | 6.108 | 6.132 | VV | 217    | 2219  | 0.02% | 0.001% |
| 69 | 6.142 | 6.132 | 6.164 | VV | 188    | 2127  | 0.02% | 0.001% |
| 70 | 6.190 | 6.164 | 6.205 | VV | 162    | 2357  | 0.03% | 0.001% |
| 71 | 6.242 | 6.205 | 6.262 | VV | 333    | 5498  | 0.06% | 0.003% |
| 72 | 6.280 | 6.262 | 6.325 | VV | 1976   | 24621 | 0.27% | 0.015% |
| 73 | 6.349 | 6.325 | 6.372 | VV | 532    | 8504  | 0.09% | 0.005% |
| 74 | 6.379 | 6.372 | 6.408 | VV | 271    | 4218  | 0.05% | 0.003% |
| 75 | 6.430 | 6.408 | 6.439 | VV | 320    | 4344  | 0.05% | 0.003% |
| 76 | 6.455 | 6.439 | 6.512 | VV | 402    | 12087 | 0.13% | 0.007% |
| 77 | 6.533 | 6.512 | 6.552 | VV | 296    | 5245  | 0.06% | 0.003% |
| 78 | 6.576 | 6.552 | 6.597 | VV | 610    | 9331  | 0.10% | 0.006% |
| 79 | 6.657 | 6.597 | 6.713 | VV | 400    | 19873 | 0.22% | 0.012% |
| 80 | 6.736 | 6.713 | 6.791 | VV | 280    | 10180 | 0.11% | 0.006% |
| 81 | 6.811 | 6.791 | 6.857 | VV | 869    | 12845 | 0.14% | 0.008% |
| 82 | 6.892 | 6.857 | 6.911 | VV | 476    | 7873  | 0.09% | 0.005% |
| 83 | 6.931 | 6.911 | 6.978 | VV | 410    | 8047  | 0.09% | 0.005% |
| 84 | 6.996 | 6.978 | 7.041 | VV | 374    | 7353  | 0.08% | 0.005% |
| 85 | 7.069 | 7.041 | 7.094 | VV | 232    | 4994  | 0.06% | 0.003% |
| 86 | 7.107 | 7.094 | 7.125 | VV | 178    | 2522  | 0.03% | 0.002% |
| 87 | 7.149 | 7.125 | 7.162 | VV | 218    | 3509  | 0.04% | 0.002% |
| 88 | 7.173 | 7.162 | 7.185 | VV | 135    | 1540  | 0.02% | 0.001% |
| 89 | 7.219 | 7.185 | 7.232 | VV | 590    | 8631  | 0.10% | 0.005% |

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|-----|--------|--------|--------|----|--------|--------|-------|--------|
|     |        |        |        |    | rteres |        |       |        |
| 90  | 7.244  | 7.232  | 7.260  | VV | 460    | 7001   | 0.08% | 0.004% |
| 91  | 7.272  | 7.260  | 7.292  | VV | 473    | 6842   | 0.08% | 0.004% |
| 92  | 7.311  | 7.292  | 7.337  | VV | 466    | 8311   | 0.09% | 0.005% |
| 93  | 7.372  | 7.337  | 7.387  | VV | 459    | 9128   | 0.10% | 0.006% |
| 94  | 7.404  | 7.387  | 7.438  | VV | 532    | 9364   | 0.10% | 0.006% |
| 95  | 7.459  | 7.438  | 7.493  | VV | 687    | 13011  | 0.14% | 0.008% |
| 96  | 7.512  | 7.493  | 7.529  | VV | 343    | 4430   | 0.05% | 0.003% |
| 97  | 7.554  | 7.529  | 7.609  | VV | 513    | 11831  | 0.13% | 0.007% |
| 98  | 7.646  | 7.609  | 7.664  | VV | 277    | 6775   | 0.08% | 0.004% |
| 99  | 7.689  | 7.664  | 7.758  | VV | 408    | 16147  | 0.18% | 0.010% |
| 100 | 7.775  | 7.758  | 7.792  | VV | 248    | 4053   | 0.05% | 0.002% |
| 101 | 7.817  | 7.792  | 7.834  | VV | 304    | 6262   | 0.07% | 0.004% |
| 102 | 7.861  | 7.834  | 7.931  | VV | 409    | 10752  | 0.12% | 0.007% |
| 103 | 8.097  | 8.075  | 8.132  | VV | 820    | 21043  | 0.23% | 0.013% |
| 104 | 8.140  | 8.132  | 8.197  | VV | 528    | 11561  | 0.13% | 0.007% |
| 105 | 8.216  | 8.197  | 8.234  | VV | 224    | 4057   | 0.05% | 0.002% |
| 106 | 8.262  | 8.234  | 8.277  | VV | 412    | 7093   | 0.08% | 0.004% |
| 107 | 8.300  | 8.277  | 8.349  | VV | 753    | 16745  | 0.19% | 0.010% |
| 108 | 8.384  | 8.349  | 8.415  | VV | 934    | 18016  | 0.20% | 0.011% |
| 109 | 8.445  | 8.415  | 8.473  | VV | 583    | 15000  | 0.17% | 0.009% |
| 110 | 8.487  | 8.473  | 8.505  | VV | 543    | 7882   | 0.09% | 0.005% |
| 111 | 8.564  | 8.505  | 8.627  | VV | 1033   | 38541  | 0.43% | 0.024% |
| 112 | 8.642  | 8.627  | 8.650  | VV | 372    | 4722   | 0.05% | 0.003% |
| 113 | 8.674  | 8.650  | 8.708  | VV | 3353   | 46146  | 0.51% | 0.028% |
| 114 | 8.727  | 8.708  | 8.772  | VV | 1680   | 28395  | 0.32% | 0.017% |
| 115 | 8.791  | 8.772  | 8.805  | VV | 321    | 5476   | 0.06% | 0.003% |
| 116 | 8.814  | 8.805  | 8.845  | VV | 385    | 7404   | 0.08% | 0.005% |
| 117 | 8.962  | 8.938  | 8.986  | VV | 888    | 22058  | 0.25% | 0.014% |
| 118 | 8.996  | 8.986  | 9.005  | VV | 671    | 7234   | 0.08% | 0.004% |
| 119 | 9.026  | 9.005  | 9.052  | VV | 1616   | 29268  | 0.33% | 0.018% |
| 120 | 9.066  | 9.052  | 9.074  | VV | 691    | 8587   | 0.10% | 0.005% |
| 121 | 9.099  | 9.074  | 9.158  | VV | 1290   | 34126  | 0.38% | 0.021% |
| 122 | 9.189  | 9.158  | 9.231  | VV | 736    | 20923  | 0.23% | 0.013% |
| 123 | 9.248  | 9.231  | 9.268  | VV | 756    | 11419  | 0.13% | 0.007% |
| 124 | 9.307  | 9.268  | 9.351  | VV | 885    | 27850  | 0.31% | 0.017% |
| 125 | 9.390  | 9.351  | 9.412  | VV | 1216   | 22869  | 0.25% | 0.014% |
| 126 | 9.427  | 9.412  | 9.463  | VV | 657    | 14231  | 0.16% | 0.009% |
| 127 | 9.481  | 9.463  | 9.510  | VV | 451    | 7381   | 0.08% | 0.005% |
| 128 | 9.542  | 9.510  | 9.556  | VV | 469    | 7367   | 0.08% | 0.005% |
| 129 | 9.574  | 9.556  | 9.615  | VV | 544    | 12989  | 0.14% | 0.008% |
| 130 | 9.624  | 9.615  | 9.654  | VV | 529    | 7708   | 0.09% | 0.005% |
| 131 | 9.680  | 9.654  | 9.693  | VV | 483    | 7646   | 0.09% | 0.005% |
| 132 | 9.716  | 9.693  | 9.741  | VV | 1172   | 18918  | 0.21% | 0.012% |
| 133 | 9.762  | 9.741  | 9.815  | VV | 1234   | 30428  | 0.34% | 0.019% |
| 134 | 9.842  | 9.815  | 9.881  | VV | 811    | 19246  | 0.21% | 0.012% |
| 135 | 9.904  | 9.881  | 9.987  | VV | 572    | 23158  | 0.26% | 0.014% |
| 136 | 10.039 | 9.987  | 10.068 | VV | 35136  | 375644 | 4.18% | 0.230% |
| 137 | 10.086 | 10.068 | 10.098 | VV | 678    | 9765   | 0.11% | 0.006% |
| 138 | 10.107 | 10.098 | 10.127 | VV | 575    | 7646   | 0.09% | 0.005% |
| 139 | 10.173 | 10.127 | 10.245 | VV | 1330   | 33022  | 0.37% | 0.020% |
| 140 | 10.278 | 10.245 | 10.313 | VV | 307    | 6693   | 0.07% | 0.004% |
| 141 | 10.343 | 10.313 | 10.364 | PV | 176    | 3523   | 0.04% | 0.002% |

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|-----|--------|--------|--------|----|--------|---------|--------|--------|
|     |        |        |        |    | rteres |         |        |        |
| 142 | 10.388 | 10.364 | 10.405 | VV | 132    | 1811    | 0.02%  | 0.001% |
| 143 | 10.422 | 10.405 | 10.435 | VV | 113    | 1226    | 0.01%  | 0.001% |
| 144 | 10.448 | 10.435 | 10.465 | VV | 140    | 1185    | 0.01%  | 0.001% |
| 145 | 10.513 | 10.465 | 10.538 | VV | 3300   | 38695   | 0.43%  | 0.024% |
| 146 | 10.560 | 10.538 | 10.582 | VV | 782    | 11087   | 0.12%  | 0.007% |
| 147 | 10.612 | 10.582 | 10.628 | VV | 606    | 11177   | 0.12%  | 0.007% |
| 148 | 10.645 | 10.628 | 10.668 | VV | 748    | 11032   | 0.12%  | 0.007% |
| 149 | 10.687 | 10.668 | 10.701 | VV | 524    | 6518    | 0.07%  | 0.004% |
| 150 | 10.712 | 10.701 | 10.741 | VV | 378    | 6157    | 0.07%  | 0.004% |
| 151 | 10.763 | 10.741 | 10.791 | VV | 532    | 8673    | 0.10%  | 0.005% |
| 152 | 10.816 | 10.791 | 10.852 | VV | 685    | 14166   | 0.16%  | 0.009% |
| 153 | 10.866 | 10.852 | 10.878 | VV | 530    | 6030    | 0.07%  | 0.004% |
| 154 | 10.912 | 10.878 | 10.949 | VV | 1296   | 27044   | 0.30%  | 0.017% |
| 155 | 10.978 | 10.949 | 11.028 | VV | 1352   | 29804   | 0.33%  | 0.018% |
| 156 | 11.044 | 11.028 | 11.085 | VV | 331    | 7380    | 0.08%  | 0.005% |
| 157 | 11.105 | 11.085 | 11.118 | PV | 153    | 1953    | 0.02%  | 0.001% |
| 158 | 11.133 | 11.118 | 11.141 | VV | 448    | 4406    | 0.05%  | 0.003% |
| 159 | 11.166 | 11.141 | 11.209 | VV | 9032   | 109095  | 1.21%  | 0.067% |
| 160 | 11.241 | 11.209 | 11.282 | VV | 3688   | 45221   | 0.50%  | 0.028% |
| 161 | 11.306 | 11.282 | 11.325 | VV | 389    | 6255    | 0.07%  | 0.004% |
| 162 | 11.335 | 11.325 | 11.352 | VV | 158    | 1891    | 0.02%  | 0.001% |
| 163 | 11.361 | 11.352 | 11.375 | VV | 78     | 749     | 0.01%  | 0.000% |
| 164 | 11.386 | 11.375 | 11.402 | VV | 150    | 605     | 0.01%  | 0.000% |
| 165 | 11.418 | 11.402 | 11.438 | PV | 107    | 1558    | 0.02%  | 0.001% |
| 166 | 11.456 | 11.438 | 11.498 | VV | 551    | 11177   | 0.12%  | 0.007% |
| 167 | 11.547 | 11.498 | 11.565 | PV | 683    | 14051   | 0.16%  | 0.009% |
| 168 | 11.581 | 11.565 | 11.597 | VV | 623    | 10378   | 0.12%  | 0.006% |
| 169 | 11.616 | 11.597 | 11.672 | VV | 1290   | 30348   | 0.34%  | 0.019% |
| 170 | 11.700 | 11.672 | 11.734 | VV | 1799   | 37480   | 0.42%  | 0.023% |
| 171 | 11.770 | 11.734 | 11.789 | VV | 740    | 11596   | 0.13%  | 0.007% |
| 172 | 11.816 | 11.789 | 11.838 | VV | 809    | 14902   | 0.17%  | 0.009% |
| 173 | 11.866 | 11.838 | 11.888 | VV | 967    | 18697   | 0.21%  | 0.011% |
| 174 | 11.937 | 11.888 | 11.985 | VV | 477719 | 5350064 | 59.53% | 3.283% |
| 175 | 12.002 | 11.985 | 12.021 | VV | 3967   | 47351   | 0.53%  | 0.029% |
| 176 | 12.030 | 12.021 | 12.048 | VV | 1079   | 12096   | 0.13%  | 0.007% |
| 177 | 12.085 | 12.048 | 12.104 | VV | 3510   | 63901   | 0.71%  | 0.039% |
| 178 | 12.119 | 12.104 | 12.134 | VV | 2921   | 34836   | 0.39%  | 0.021% |
| 179 | 12.151 | 12.134 | 12.200 | VV | 3052   | 39584   | 0.44%  | 0.024% |
| 180 | 12.225 | 12.200 | 12.244 | PV | 401    | 6226    | 0.07%  | 0.004% |
| 181 | 12.283 | 12.244 | 12.305 | VV | 1460   | 29293   | 0.33%  | 0.018% |
| 182 | 12.327 | 12.305 | 12.348 | VV | 1860   | 26043   | 0.29%  | 0.016% |
| 183 | 12.377 | 12.348 | 12.413 | VV | 1353   | 29246   | 0.33%  | 0.018% |
| 184 | 12.439 | 12.413 | 12.485 | VV | 3881   | 58365   | 0.65%  | 0.036% |
| 185 | 12.529 | 12.485 | 12.601 | VV | 40394  | 504865  | 5.62%  | 0.310% |
| 186 | 12.616 | 12.601 | 12.632 | VV | 1036   | 13707   | 0.15%  | 0.008% |
| 187 | 12.650 | 12.632 | 12.682 | VV | 912    | 18182   | 0.20%  | 0.011% |
| 188 | 12.716 | 12.682 | 12.743 | VV | 949    | 22732   | 0.25%  | 0.014% |
| 189 | 12.762 | 12.743 | 12.799 | VV | 1323   | 23785   | 0.26%  | 0.015% |
| 190 | 12.820 | 12.799 | 12.847 | PV | 1252   | 18761   | 0.21%  | 0.012% |
| 191 | 12.871 | 12.847 | 12.891 | VV | 3672   | 48443   | 0.54%  | 0.030% |
| 192 | 12.927 | 12.891 | 12.952 | VV | 2369   | 54332   | 0.60%  | 0.033% |
| 193 | 12.987 | 12.952 | 13.028 | VV | 34423  | 399417  | 4.44%  | 0.245% |
| 194 | 13.044 | 13.028 | 13.064 | VV | 381    | 4690    | 0.05%  | 0.003% |

|     |        |        |        |    |        |         |        |        |
|-----|--------|--------|--------|----|--------|---------|--------|--------|
|     |        |        |        |    | rteres |         |        |        |
| 195 | 13.083 | 13.064 | 13.094 | PV | 246    | 2524    | 0.03%  | 0.002% |
| 196 | 13.123 | 13.094 | 13.139 | VV | 2448   | 32242   | 0.36%  | 0.020% |
| 197 | 13.148 | 13.139 | 13.158 | VV | 1243   | 12763   | 0.14%  | 0.008% |
| 198 | 13.175 | 13.158 | 13.215 | VV | 1836   | 42112   | 0.47%  | 0.026% |
| 199 | 13.226 | 13.215 | 13.257 | VV | 1040   | 16103   | 0.18%  | 0.010% |
| 200 | 13.285 | 13.257 | 13.312 | VV | 29053  | 335132  | 3.73%  | 0.206% |
| 201 | 13.373 | 13.312 | 13.408 | VV | 331874 | 4114058 | 45.78% | 2.524% |
| 202 | 13.461 | 13.408 | 13.508 | VV | 1413   | 50789   | 0.57%  | 0.031% |
| 203 | 13.550 | 13.508 | 13.578 | VV | 4822   | 96000   | 1.07%  | 0.059% |
| 204 | 13.602 | 13.578 | 13.664 | VV | 5468   | 134600  | 1.50%  | 0.083% |
| 205 | 13.683 | 13.664 | 13.698 | VV | 2037   | 31652   | 0.35%  | 0.019% |
| 206 | 13.710 | 13.698 | 13.720 | VV | 1494   | 18144   | 0.20%  | 0.011% |
| 207 | 13.762 | 13.720 | 13.822 | VV | 9017   | 194088  | 2.16%  | 0.119% |
| 208 | 13.875 | 13.822 | 13.906 | VV | 7280   | 141200  | 1.57%  | 0.087% |
| 209 | 13.941 | 13.906 | 13.959 | VV | 1604   | 39514   | 0.44%  | 0.024% |
| 210 | 13.983 | 13.959 | 14.005 | VV | 4364   | 68243   | 0.76%  | 0.042% |
| 211 | 14.023 | 14.005 | 14.045 | VV | 4104   | 55686   | 0.62%  | 0.034% |
| 212 | 14.072 | 14.045 | 14.095 | VV | 1546   | 34128   | 0.38%  | 0.021% |
| 213 | 14.127 | 14.095 | 14.138 | VV | 2938   | 52609   | 0.59%  | 0.032% |
| 214 | 14.152 | 14.138 | 14.174 | VV | 3876   | 53228   | 0.59%  | 0.033% |
| 215 | 14.194 | 14.174 | 14.224 | VV | 2902   | 39101   | 0.44%  | 0.024% |
| 216 | 14.270 | 14.224 | 14.298 | VV | 612    | 16814   | 0.19%  | 0.010% |
| 217 | 14.355 | 14.298 | 14.386 | VV | 561    | 18591   | 0.21%  | 0.011% |
| 218 | 14.403 | 14.386 | 14.421 | VV | 292    | 3999    | 0.04%  | 0.002% |
| 219 | 14.463 | 14.421 | 14.471 | PV | 179    | 1222    | 0.01%  | 0.001% |
| 220 | 14.515 | 14.471 | 14.530 | PV | 1001   | 13362   | 0.15%  | 0.008% |
| 221 | 14.568 | 14.530 | 14.590 | VV | 1525   | 32799   | 0.36%  | 0.020% |
| 222 | 14.609 | 14.590 | 14.628 | VV | 2425   | 32671   | 0.36%  | 0.020% |
| 223 | 14.637 | 14.628 | 14.658 | VV | 744    | 8849    | 0.10%  | 0.005% |
| 224 | 14.689 | 14.658 | 14.706 | VV | 2620   | 36639   | 0.41%  | 0.022% |
| 225 | 14.719 | 14.706 | 14.736 | VV | 1182   | 16862   | 0.19%  | 0.010% |
| 226 | 14.791 | 14.736 | 14.829 | VV | 3224   | 82302   | 0.92%  | 0.050% |
| 227 | 14.853 | 14.829 | 14.875 | VV | 5827   | 81159   | 0.90%  | 0.050% |
| 228 | 14.912 | 14.875 | 14.935 | VV | 3505   | 74720   | 0.83%  | 0.046% |
| 229 | 14.979 | 14.935 | 14.994 | VV | 1614   | 45791   | 0.51%  | 0.028% |
| 230 | 15.036 | 14.994 | 15.065 | VV | 2320   | 74109   | 0.82%  | 0.045% |
| 231 | 15.075 | 15.065 | 15.085 | VV | 1424   | 16474   | 0.18%  | 0.010% |
| 232 | 15.118 | 15.085 | 15.135 | VV | 2976   | 57604   | 0.64%  | 0.035% |
| 233 | 15.164 | 15.135 | 15.184 | VV | 18429  | 248235  | 2.76%  | 0.152% |
| 234 | 15.205 | 15.184 | 15.245 | VV | 19373  | 291381  | 3.24%  | 0.179% |
| 235 | 15.268 | 15.245 | 15.288 | VV | 2046   | 47749   | 0.53%  | 0.029% |
| 236 | 15.324 | 15.288 | 15.351 | VV | 5158   | 109133  | 1.21%  | 0.067% |
| 237 | 15.366 | 15.351 | 15.384 | VV | 2467   | 41013   | 0.46%  | 0.025% |
| 238 | 15.401 | 15.384 | 15.436 | VV | 1812   | 35076   | 0.39%  | 0.022% |
| 239 | 15.478 | 15.436 | 15.492 | VV | 1481   | 33376   | 0.37%  | 0.020% |
| 240 | 15.508 | 15.492 | 15.558 | VV | 1308   | 30687   | 0.34%  | 0.019% |
| 241 | 15.606 | 15.558 | 15.690 | VV | 13386  | 224346  | 2.50%  | 0.138% |
| 242 | 15.707 | 15.690 | 15.718 | PV | 244    | 2383    | 0.03%  | 0.001% |
| 243 | 15.749 | 15.718 | 15.778 | PV | 3089   | 44057   | 0.49%  | 0.027% |
| 244 | 15.837 | 15.778 | 15.858 | PV | 5534   | 94206   | 1.05%  | 0.058% |
| 245 | 15.879 | 15.858 | 15.903 | VV | 2685   | 41353   | 0.46%  | 0.025% |
| 246 | 15.920 | 15.903 | 15.935 | VV | 996    | 10487   | 0.12%  | 0.006% |

| rteres |        |        |        |    |       |         |        |        |
|--------|--------|--------|--------|----|-------|---------|--------|--------|
| 247    | 16.000 | 15.935 | 16.033 | VV | 3018  | 83231   | 0.93%  | 0.051% |
| 248    | 16.080 | 16.033 | 16.102 | VV | 1447  | 30285   | 0.34%  | 0.019% |
| 249    | 16.165 | 16.102 | 16.181 | VV | 1940  | 52258   | 0.58%  | 0.032% |
| 250    | 16.252 | 16.181 | 16.295 | VV | 3551  | 112025  | 1.25%  | 0.069% |
| 251    | 16.319 | 16.295 | 16.335 | VV | 975   | 17577   | 0.20%  | 0.011% |
| 252    | 16.371 | 16.335 | 16.385 | VV | 762   | 14239   | 0.16%  | 0.009% |
| 253    | 16.447 | 16.385 | 16.486 | VV | 2134  | 51400   | 0.57%  | 0.032% |
| 254    | 16.547 | 16.486 | 16.572 | PV | 4016  | 73701   | 0.82%  | 0.045% |
| 255    | 16.623 | 16.572 | 16.669 | VV | 4670  | 116757  | 1.30%  | 0.072% |
| 256    | 16.725 | 16.669 | 16.787 | PV | 20754 | 425139  | 4.73%  | 0.261% |
| 257    | 16.855 | 16.787 | 16.875 | VV | 5114  | 109140  | 1.21%  | 0.067% |
| 258    | 16.904 | 16.875 | 16.919 | VV | 2743  | 56071   | 0.62%  | 0.034% |
| 259    | 16.953 | 16.919 | 16.961 | VV | 2118  | 40431   | 0.45%  | 0.025% |
| 260    | 17.043 | 16.961 | 17.068 | VV | 12374 | 260855  | 2.90%  | 0.160% |
| 261    | 17.101 | 17.068 | 17.137 | VV | 15835 | 211998  | 2.36%  | 0.130% |
| 262    | 17.203 | 17.137 | 17.225 | PV | 7574  | 107020  | 1.19%  | 0.066% |
| 263    | 17.278 | 17.225 | 17.300 | VV | 5762  | 134138  | 1.49%  | 0.082% |
| 264    | 17.378 | 17.300 | 17.388 | PV | 1642  | 75572   | 0.84%  | 0.046% |
| 265    | 17.416 | 17.388 | 17.428 | VV | 3312  | 50896   | 0.57%  | 0.031% |
| 266    | 17.455 | 17.428 | 17.481 | VV | 9082  | 187359  | 2.08%  | 0.115% |
| 267    | 17.491 | 17.481 | 17.501 | VV | 4952  | 57571   | 0.64%  | 0.035% |
| 268    | 17.521 | 17.501 | 17.538 | VV | 7143  | 119377  | 1.33%  | 0.073% |
| 269    | 17.564 | 17.538 | 17.586 | VV | 14486 | 253298  | 2.82%  | 0.155% |
| 270    | 17.624 | 17.586 | 17.637 | VV | 7585  | 198563  | 2.21%  | 0.122% |
| 271    | 17.650 | 17.637 | 17.676 | VV | 6976  | 108156  | 1.20%  | 0.066% |
| 272    | 17.695 | 17.676 | 17.712 | VV | 3515  | 58442   | 0.65%  | 0.036% |
| 273    | 17.726 | 17.712 | 17.741 | VV | 3097  | 44041   | 0.49%  | 0.027% |
| 274    | 17.773 | 17.741 | 17.792 | VV | 6744  | 130105  | 1.45%  | 0.080% |
| 275    | 17.829 | 17.792 | 17.848 | VV | 3828  | 90299   | 1.00%  | 0.055% |
| 276    | 17.862 | 17.848 | 17.872 | VV | 2508  | 33159   | 0.37%  | 0.020% |
| 277    | 17.880 | 17.872 | 17.900 | VV | 1860  | 22158   | 0.25%  | 0.014% |
| 278    | 17.946 | 17.900 | 17.968 | PV | 3664  | 77498   | 0.86%  | 0.048% |
| 279    | 18.091 | 17.968 | 18.112 | VV | 12605 | 574099  | 6.39%  | 0.352% |
| 280    | 18.144 | 18.112 | 18.157 | VV | 10766 | 223327  | 2.48%  | 0.137% |
| 281    | 18.177 | 18.157 | 18.189 | VV | 11853 | 193547  | 2.15%  | 0.119% |
| 282    | 18.240 | 18.189 | 18.314 | VV | 22882 | 1085062 | 12.07% | 0.666% |
| 283    | 18.356 | 18.314 | 18.366 | VV | 12525 | 360408  | 4.01%  | 0.221% |
| 284    | 18.383 | 18.366 | 18.395 | VV | 15319 | 222462  | 2.48%  | 0.136% |
| 285    | 18.446 | 18.395 | 18.458 | VV | 23890 | 660215  | 7.35%  | 0.405% |
| 286    | 18.470 | 18.458 | 18.492 | VV | 24359 | 416388  | 4.63%  | 0.255% |
| 287    | 18.513 | 18.492 | 18.538 | VV | 23106 | 481935  | 5.36%  | 0.296% |
| 288    | 18.608 | 18.538 | 18.645 | VV | 33092 | 1219480 | 13.57% | 0.748% |
| 289    | 18.727 | 18.645 | 18.746 | VV | 28403 | 1181887 | 13.15% | 0.725% |
| 290    | 18.772 | 18.746 | 18.787 | VV | 23377 | 550556  | 6.13%  | 0.338% |
| 291    | 18.818 | 18.787 | 18.834 | VV | 24694 | 628963  | 7.00%  | 0.386% |
| 292    | 18.858 | 18.834 | 18.872 | VV | 25928 | 532361  | 5.92%  | 0.327% |
| 293    | 18.922 | 18.872 | 18.961 | VV | 33125 | 1500876 | 16.70% | 0.921% |
| 294    | 19.034 | 18.961 | 19.052 | VV | 37093 | 1655066 | 18.42% | 1.015% |
| 295    | 19.079 | 19.052 | 19.108 | VV | 35592 | 1057784 | 11.77% | 0.649% |
| 296    | 19.132 | 19.108 | 19.147 | VV | 29468 | 677652  | 7.54%  | 0.416% |
| 297    | 19.206 | 19.147 | 19.232 | VV | 35479 | 1591977 | 17.71% | 0.977% |
| 298    | 19.279 | 19.232 | 19.301 | VV | 49824 | 1709941 | 19.03% | 1.049% |
| 299    | 19.327 | 19.301 | 19.345 | VV | 49879 | 1173495 | 13.06% | 0.720% |

|     |        |        |        |    |        |         |         |        |
|-----|--------|--------|--------|----|--------|---------|---------|--------|
|     |        |        |        |    | rteres |         |         |        |
| 300 | 19.355 | 19.345 | 19.378 | VV | 44509  | 863298  | 9.61%   | 0.530% |
| 301 | 19.452 | 19.378 | 19.472 | VV | 47626  | 2495816 | 27.77%  | 1.531% |
| 302 | 19.533 | 19.472 | 19.547 | VV | 48861  | 2047479 | 22.78%  | 1.256% |
| 303 | 19.559 | 19.547 | 19.574 | VV | 48181  | 732338  | 8.15%   | 0.449% |
| 304 | 19.611 | 19.574 | 19.625 | VV | 50048  | 1432900 | 15.94%  | 0.879% |
| 305 | 19.646 | 19.625 | 19.672 | VV | 51060  | 1390106 | 15.47%  | 0.853% |
| 306 | 19.715 | 19.672 | 19.725 | VV | 52577  | 1586048 | 17.65%  | 0.973% |
| 307 | 19.743 | 19.725 | 19.788 | VV | 54567  | 1987698 | 22.12%  | 1.220% |
| 308 | 19.819 | 19.788 | 19.849 | VV | 63636  | 2158188 | 24.01%  | 1.324% |
| 309 | 19.894 | 19.849 | 19.904 | VV | 67805  | 2138707 | 23.80%  | 1.312% |
| 310 | 19.943 | 19.904 | 19.953 | VV | 75079  | 2042803 | 22.73%  | 1.253% |
| 311 | 19.966 | 19.953 | 19.988 | VV | 76577  | 1539752 | 17.13%  | 0.945% |
| 312 | 20.096 | 19.988 | 20.122 | VV | 87998  | 6448520 | 71.75%  | 3.957% |
| 313 | 20.130 | 20.122 | 20.148 | VV | 86249  | 1314061 | 14.62%  | 0.806% |
| 314 | 20.166 | 20.148 | 20.197 | VV | 84948  | 2372021 | 26.39%  | 1.455% |
| 315 | 20.261 | 20.197 | 20.292 | VV | 90352  | 4800792 | 53.42%  | 2.946% |
| 316 | 20.333 | 20.292 | 20.351 | VV | 102210 | 3310257 | 36.83%  | 2.031% |
| 317 | 20.364 | 20.351 | 20.389 | VV | 100396 | 2220996 | 24.71%  | 1.363% |
| 318 | 20.529 | 20.389 | 20.538 | VV | 108550 | 8987283 | 100.00% | 5.514% |
| 319 | 20.611 | 20.538 | 20.631 | VV | 125247 | 6478939 | 72.09%  | 3.975% |
| 320 | 20.657 | 20.631 | 20.705 | VV | 134914 | 5547958 | 61.73%  | 3.404% |
| 321 | 20.728 | 20.705 | 20.738 | VV | 122218 | 2346828 | 26.11%  | 1.440% |
| 322 | 20.748 | 20.738 | 20.785 | VV | 121103 | 3338007 | 37.14%  | 2.048% |
| 323 | 20.797 | 20.785 | 20.842 | VV | 118190 | 3879915 | 43.17%  | 2.381% |
| 324 | 20.870 | 20.842 | 20.945 | VV | 122221 | 7016287 | 78.07%  | 4.305% |
| 325 | 20.952 | 20.945 | 20.962 | VV | 100625 | 997573  | 11.10%  | 0.612% |
| 326 | 21.049 | 20.962 | 21.073 | VV | 110225 | 6994299 | 77.82%  | 4.291% |
| 327 | 21.081 | 21.073 | 21.156 | VV | 108456 | 5047352 | 56.16%  | 3.097% |
| 328 | 21.184 | 21.156 | 21.239 | VV | 93427  | 4442697 | 49.43%  | 2.726% |
| 329 | 21.254 | 21.239 | 21.291 | VV | 84044  | 2473120 | 27.52%  | 1.517% |
| 330 | 21.301 | 21.291 | 21.321 | VV | 76086  | 1362651 | 15.16%  | 0.836% |
| 331 | 21.385 | 21.321 | 21.478 | VV | 79256  | 6878037 | 76.53%  | 4.220% |
| 332 | 21.527 | 21.478 | 21.566 | VV | 70559  | 3474350 | 38.66%  | 2.132% |
| 333 | 21.585 | 21.566 | 21.632 | VV | 64018  | 2322707 | 25.84%  | 1.425% |
| 334 | 21.655 | 21.632 | 21.675 | VV | 54890  | 1379721 | 15.35%  | 0.847% |
| 335 | 21.732 | 21.675 | 21.803 | VV | 60662  | 4021498 | 44.75%  | 2.467% |
| 336 | 21.811 | 21.803 | 21.851 | VV | 40063  | 1102817 | 12.27%  | 0.677% |
| 337 | 21.899 | 21.851 | 21.908 | VV | 39971  | 1310817 | 14.59%  | 0.804% |
| 338 | 21.917 | 21.908 | 21.968 | VV | 39819  | 1269988 | 14.13%  | 0.779% |
| 339 | 22.038 | 21.968 | 22.052 | VV | 36296  | 1646865 | 18.32%  | 1.010% |
| 340 | 22.083 | 22.052 | 22.175 | VV | 35895  | 1700161 | 18.92%  | 1.043% |

Sum of corrected areas: 162981371

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