

rteres

## Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD041820AL\  
 Data File : FD033005.D  
 Signal(s) : FID2B.CH  
 Acq On : 19 Apr 2020 6:03  
 Sample : L2245-27  
 Misc :  
 ALS Vial : 77 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Alaphatic EPH 040720.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         | 3.303       | 3.255        | 3.380      | BV       | 884            | 11967        | 0.19%          | 0.007%        |
| 2         | 3.409       | 3.380        | 3.417      | PV       | 246            | 2967         | 0.05%          | 0.002%        |
| 3         | 3.427       | 3.417        | 3.439      | VV       | 303            | 3005         | 0.05%          | 0.002%        |
| 4         | 3.486       | 3.439        | 3.531      | VV       | 305            | 9326         | 0.15%          | 0.005%        |
| 5         | 3.567       | 3.531        | 3.595      | PV       | 507            | 7988         | 0.12%          | 0.004%        |
| 6         | 3.602       | 3.595        | 3.653      | VV       | 366            | 8078         | 0.13%          | 0.005%        |
| 7         | 3.675       | 3.653        | 3.702      | VV       | 456            | 7302         | 0.11%          | 0.004%        |
| 8         | 3.710       | 3.702        | 3.724      | VV       | 242            | 2800         | 0.04%          | 0.002%        |
| 9         | 3.744       | 3.724        | 3.758      | VV       | 325            | 4439         | 0.07%          | 0.002%        |
| 10        | 3.768       | 3.758        | 3.785      | VV       | 184            | 1558         | 0.02%          | 0.001%        |
| 11        | 3.797       | 3.785        | 3.809      | VV       | 588            | 5296         | 0.08%          | 0.003%        |
| 12        | 3.814       | 3.809        | 3.827      | VV       | 262            | 1993         | 0.03%          | 0.001%        |
| 13        | 3.842       | 3.827        | 3.859      | VV       | 274            | 2868         | 0.04%          | 0.002%        |
| 14        | 3.881       | 3.859        | 3.937      | VV       | 757            | 10601        | 0.16%          | 0.006%        |
| 15        | 3.974       | 3.937        | 3.986      | PV       | 636            | 9671         | 0.15%          | 0.005%        |
| 16        | 3.997       | 3.986        | 4.020      | VV       | 541            | 9005         | 0.14%          | 0.005%        |
| 17        | 4.034       | 4.020        | 4.049      | VV       | 634            | 7364         | 0.11%          | 0.004%        |
| 18        | 4.063       | 4.049        | 4.100      | VV       | 510            | 6687         | 0.10%          | 0.004%        |
| 19        | 4.134       | 4.100        | 4.159      | VV       | 1155           | 15455        | 0.24%          | 0.009%        |
| 20        | 4.173       | 4.159        | 4.257      | VV       | 481            | 10469        | 0.16%          | 0.006%        |
| 21        | 4.276       | 4.257        | 4.304      | VV       | 128            | 2849         | 0.04%          | 0.002%        |
| 22        | 4.321       | 4.304        | 4.348      | VV       | 175            | 2763         | 0.04%          | 0.002%        |
| 23        | 4.367       | 4.348        | 4.394      | VV       | 1148           | 12434        | 0.19%          | 0.007%        |
| 24        | 4.410       | 4.394        | 4.425      | VV       | 571            | 6146         | 0.10%          | 0.003%        |
| 25        | 4.438       | 4.425        | 4.451      | VV       | 400            | 4981         | 0.08%          | 0.003%        |
| 26        | 4.471       | 4.451        | 4.498      | VV       | 1955           | 21665        | 0.34%          | 0.012%        |
| 27        | 4.517       | 4.498        | 4.538      | VV       | 1333           | 15859        | 0.25%          | 0.009%        |
| 28        | 4.568       | 4.538        | 4.605      | VV       | 1306           | 24539        | 0.38%          | 0.014%        |
| 29        | 4.618       | 4.605        | 4.634      | VV       | 648            | 6453         | 0.10%          | 0.004%        |
| 30        | 4.646       | 4.634        | 4.705      | VV       | 326            | 7070         | 0.11%          | 0.004%        |
| 31        | 4.718       | 4.705        | 4.728      | VV       | 272            | 2794         | 0.04%          | 0.002%        |
| 32        | 4.743       | 4.728        | 4.760      | VV       | 418            | 5302         | 0.08%          | 0.003%        |
| 33        | 4.779       | 4.760        | 4.801      | VV       | 376            | 6306         | 0.10%          | 0.004%        |
| 34        | 4.837       | 4.801        | 4.872      | VV       | 413            | 8443         | 0.13%          | 0.005%        |
| 35        | 4.893       | 4.872        | 4.904      | PV       | 141            | 1796         | 0.03%          | 0.001%        |
| 36        | 4.927       | 4.904        | 4.955      | VV       | 392            | 9066         | 0.14%          | 0.005%        |

|    |       |       |       |    | rteres |        |       |        |
|----|-------|-------|-------|----|--------|--------|-------|--------|
| 37 | 4.968 | 4.955 | 4.985 | VV | 340    | 4616   | 0.07% | 0.003% |
| 38 | 5.002 | 4.985 | 5.031 | VV | 471    | 8312   | 0.13% | 0.005% |
| 39 | 5.055 | 5.031 | 5.071 | VV | 644    | 9279   | 0.14% | 0.005% |
| 40 | 5.081 | 5.071 | 5.092 | VV | 350    | 3105   | 0.05% | 0.002% |
|    |       |       |       |    |        |        |       |        |
| 41 | 5.105 | 5.092 | 5.150 | VV | 430    | 7856   | 0.12% | 0.004% |
| 42 | 5.197 | 5.173 | 5.211 | VV | 180    | 2878   | 0.04% | 0.002% |
| 43 | 5.223 | 5.211 | 5.242 | VV | 412    | 4833   | 0.08% | 0.003% |
| 44 | 5.287 | 5.242 | 5.311 | VV | 357    | 7307   | 0.11% | 0.004% |
| 45 | 5.349 | 5.311 | 5.378 | VV | 251    | 4456   | 0.07% | 0.002% |
|    |       |       |       |    |        |        |       |        |
| 46 | 5.398 | 5.378 | 5.425 | VV | 1338   | 16070  | 0.25% | 0.009% |
| 47 | 5.434 | 5.425 | 5.446 | VV | 469    | 4782   | 0.07% | 0.003% |
| 48 | 5.451 | 5.446 | 5.478 | VV | 327    | 3442   | 0.05% | 0.002% |
| 49 | 5.527 | 5.478 | 5.539 | VV | 153    | 3470   | 0.05% | 0.002% |
| 50 | 5.583 | 5.539 | 5.615 | VV | 869    | 13649  | 0.21% | 0.008% |
|    |       |       |       |    |        |        |       |        |
| 51 | 5.636 | 5.615 | 5.650 | VV | 260    | 3752   | 0.06% | 0.002% |
| 52 | 5.679 | 5.650 | 5.717 | VV | 1129   | 18864  | 0.29% | 0.011% |
| 53 | 5.734 | 5.717 | 5.758 | VV | 241    | 3466   | 0.05% | 0.002% |
| 54 | 5.770 | 5.758 | 5.785 | PV | 256    | 2017   | 0.03% | 0.001% |
| 55 | 5.796 | 5.785 | 5.831 | VV | 123    | 2228   | 0.03% | 0.001% |
|    |       |       |       |    |        |        |       |        |
| 56 | 5.849 | 5.831 | 5.881 | VV | 384    | 5822   | 0.09% | 0.003% |
| 57 | 5.909 | 5.881 | 5.923 | VV | 378    | 5462   | 0.08% | 0.003% |
| 58 | 5.947 | 5.923 | 5.983 | VV | 15247  | 164963 | 2.57% | 0.092% |
| 59 | 5.993 | 5.983 | 6.021 | VV | 822    | 11171  | 0.17% | 0.006% |
| 60 | 6.035 | 6.021 | 6.057 | VV | 527    | 8123   | 0.13% | 0.005% |
|    |       |       |       |    |        |        |       |        |
| 61 | 6.088 | 6.057 | 6.108 | VV | 1192   | 20056  | 0.31% | 0.011% |
| 62 | 6.118 | 6.108 | 6.141 | VV | 422    | 5468   | 0.09% | 0.003% |
| 63 | 6.159 | 6.141 | 6.194 | VV | 424    | 6599   | 0.10% | 0.004% |
| 64 | 6.218 | 6.194 | 6.235 | VV | 282    | 4168   | 0.06% | 0.002% |
| 65 | 6.251 | 6.235 | 6.273 | VV | 376    | 5182   | 0.08% | 0.003% |
|    |       |       |       |    |        |        |       |        |
| 66 | 6.299 | 6.273 | 6.314 | VV | 325    | 4968   | 0.08% | 0.003% |
| 67 | 6.330 | 6.314 | 6.354 | VV | 335    | 5045   | 0.08% | 0.003% |
| 68 | 6.374 | 6.354 | 6.438 | VV | 1263   | 23032  | 0.36% | 0.013% |
| 69 | 6.462 | 6.438 | 6.475 | VV | 152    | 2773   | 0.04% | 0.002% |
| 70 | 6.490 | 6.475 | 6.508 | VV | 417    | 6469   | 0.10% | 0.004% |
|    |       |       |       |    |        |        |       |        |
| 71 | 6.522 | 6.508 | 6.548 | VV | 711    | 8537   | 0.13% | 0.005% |
| 72 | 6.566 | 6.548 | 6.598 | VV | 247    | 3533   | 0.05% | 0.002% |
| 73 | 6.620 | 6.598 | 6.629 | PV | 127    | 1331   | 0.02% | 0.001% |
| 74 | 6.654 | 6.629 | 6.669 | VV | 536    | 5937   | 0.09% | 0.003% |
| 75 | 6.691 | 6.669 | 6.741 | VV | 536    | 11094  | 0.17% | 0.006% |
|    |       |       |       |    |        |        |       |        |
| 76 | 6.772 | 6.741 | 6.791 | VV | 704    | 9663   | 0.15% | 0.005% |
| 77 | 6.807 | 6.791 | 6.823 | VV | 173    | 2557   | 0.04% | 0.001% |
| 78 | 6.870 | 6.823 | 6.881 | VV | 437    | 10293  | 0.16% | 0.006% |
| 79 | 6.899 | 6.881 | 6.915 | VV | 484    | 8058   | 0.13% | 0.005% |
| 80 | 6.932 | 6.915 | 6.961 | VV | 768    | 11127  | 0.17% | 0.006% |
|    |       |       |       |    |        |        |       |        |
| 81 | 6.996 | 6.961 | 7.055 | VV | 17736  | 206627 | 3.21% | 0.116% |
| 82 | 7.072 | 7.055 | 7.108 | VV | 1358   | 25753  | 0.40% | 0.014% |
| 83 | 7.129 | 7.108 | 7.228 | VV | 15779  | 175796 | 2.73% | 0.099% |
| 84 | 7.292 | 7.228 | 7.328 | VV | 1636   | 27080  | 0.42% | 0.015% |
| 85 | 7.364 | 7.328 | 7.398 | VV | 459    | 11586  | 0.18% | 0.006% |
|    |       |       |       |    |        |        |       |        |
| 86 | 7.468 | 7.398 | 7.497 | PV | 602    | 16051  | 0.25% | 0.009% |
| 87 | 7.518 | 7.497 | 7.533 | VV | 294    | 3619   | 0.06% | 0.002% |
| 88 | 7.552 | 7.533 | 7.562 | VV | 183    | 2179   | 0.03% | 0.001% |
| 89 | 7.685 | 7.665 | 7.695 | VV | 2008   | 26573  | 0.41% | 0.015% |

|     |        |        |        |    |        |         |        |        |
|-----|--------|--------|--------|----|--------|---------|--------|--------|
|     |        |        |        |    | rteres |         |        |        |
| 90  | 7.717  | 7.695  | 7.797  | VV | 6369   | 107601  | 1.67%  | 0.060% |
| 91  | 7.816  | 7.797  | 7.834  | VV | 470    | 8556    | 0.13%  | 0.005% |
| 92  | 7.872  | 7.834  | 7.905  | VV | 5432   | 80873   | 1.26%  | 0.045% |
| 93  | 7.917  | 7.905  | 7.935  | VV | 997    | 12996   | 0.20%  | 0.007% |
| 94  | 7.981  | 7.935  | 8.025  | VV | 8424   | 176970  | 2.75%  | 0.099% |
| 95  | 8.045  | 8.025  | 8.061  | VV | 991    | 15400   | 0.24%  | 0.009% |
| 96  | 8.086  | 8.061  | 8.101  | VV | 19610  | 213115  | 3.31%  | 0.119% |
| 97  | 8.114  | 8.101  | 8.138  | VV | 12380  | 136702  | 2.13%  | 0.077% |
| 98  | 8.156  | 8.138  | 8.184  | VV | 2666   | 39375   | 0.61%  | 0.022% |
| 99  | 8.219  | 8.184  | 8.236  | VV | 15926  | 186222  | 2.90%  | 0.104% |
| 100 | 8.249  | 8.236  | 8.305  | VV | 7825   | 169067  | 2.63%  | 0.095% |
| 101 | 8.319  | 8.305  | 8.337  | VV | 949    | 11957   | 0.19%  | 0.007% |
| 102 | 8.358  | 8.337  | 8.387  | VV | 4912   | 51664   | 0.80%  | 0.029% |
| 103 | 8.405  | 8.387  | 8.425  | VV | 1068   | 10573   | 0.16%  | 0.006% |
| 104 | 8.519  | 8.504  | 8.537  | VV | 4083   | 60334   | 0.94%  | 0.034% |
| 105 | 8.562  | 8.537  | 8.590  | VV | 86949  | 896446  | 13.94% | 0.502% |
| 106 | 8.608  | 8.590  | 8.651  | VV | 7810   | 112043  | 1.74%  | 0.063% |
| 107 | 8.679  | 8.651  | 8.708  | VV | 3678   | 68038   | 1.06%  | 0.038% |
| 108 | 8.725  | 8.708  | 8.765  | VV | 1432   | 35006   | 0.54%  | 0.020% |
| 109 | 8.801  | 8.765  | 8.816  | VV | 14668  | 169879  | 2.64%  | 0.095% |
| 110 | 8.834  | 8.816  | 8.861  | VV | 41832  | 450470  | 7.01%  | 0.252% |
| 111 | 8.872  | 8.861  | 8.905  | VV | 2499   | 43477   | 0.68%  | 0.024% |
| 112 | 8.924  | 8.905  | 8.947  | VV | 2986   | 41442   | 0.64%  | 0.023% |
| 113 | 8.971  | 8.947  | 8.991  | VV | 8692   | 104908  | 1.63%  | 0.059% |
| 114 | 9.010  | 8.991  | 9.085  | VV | 8287   | 114143  | 1.78%  | 0.064% |
| 115 | 9.125  | 9.085  | 9.142  | VV | 8006   | 95043   | 1.48%  | 0.053% |
| 116 | 9.157  | 9.142  | 9.185  | VV | 7350   | 79880   | 1.24%  | 0.045% |
| 117 | 9.206  | 9.185  | 9.221  | VV | 1094   | 14461   | 0.22%  | 0.008% |
| 118 | 9.260  | 9.221  | 9.284  | VV | 8458   | 120579  | 1.88%  | 0.068% |
| 119 | 9.303  | 9.284  | 9.316  | VV | 2767   | 32351   | 0.50%  | 0.018% |
| 120 | 9.342  | 9.316  | 9.396  | VV | 95497  | 1029179 | 16.01% | 0.577% |
| 121 | 9.421  | 9.396  | 9.438  | VV | 9734   | 126813  | 1.97%  | 0.071% |
| 122 | 9.462  | 9.438  | 9.474  | VV | 9926   | 131854  | 2.05%  | 0.074% |
| 123 | 9.493  | 9.474  | 9.532  | VV | 24782  | 349438  | 5.44%  | 0.196% |
| 124 | 9.553  | 9.532  | 9.592  | VV | 15407  | 202779  | 3.15%  | 0.114% |
| 125 | 9.614  | 9.592  | 9.638  | VV | 1768   | 35897   | 0.56%  | 0.020% |
| 126 | 9.663  | 9.638  | 9.695  | VV | 23534  | 283974  | 4.42%  | 0.159% |
| 127 | 9.712  | 9.695  | 9.730  | VV | 3555   | 51846   | 0.81%  | 0.029% |
| 128 | 9.762  | 9.730  | 9.803  | VV | 32446  | 462039  | 7.19%  | 0.259% |
| 129 | 9.823  | 9.803  | 9.841  | VV | 6230   | 79215   | 1.23%  | 0.044% |
| 130 | 9.857  | 9.841  | 9.885  | VV | 3168   | 46551   | 0.72%  | 0.026% |
| 131 | 9.930  | 9.885  | 9.998  | VV | 3205   | 81303   | 1.26%  | 0.046% |
| 132 | 10.026 | 9.998  | 10.045 | PV | 960    | 12556   | 0.20%  | 0.007% |
| 133 | 10.082 | 10.045 | 10.093 | VV | 3096   | 41168   | 0.64%  | 0.023% |
| 134 | 10.105 | 10.093 | 10.119 | VV | 3467   | 36581   | 0.57%  | 0.021% |
| 135 | 10.136 | 10.119 | 10.167 | VV | 4399   | 65881   | 1.02%  | 0.037% |
| 136 | 10.220 | 10.167 | 10.243 | VV | 24982  | 421881  | 6.56%  | 0.236% |
| 137 | 10.260 | 10.243 | 10.296 | VV | 13519  | 171489  | 2.67%  | 0.096% |
| 138 | 10.336 | 10.296 | 10.373 | VV | 16041  | 290861  | 4.52%  | 0.163% |
| 139 | 10.392 | 10.373 | 10.448 | VV | 19393  | 319720  | 4.97%  | 0.179% |
| 140 | 10.506 | 10.448 | 10.519 | VV | 16221  | 278590  | 4.33%  | 0.156% |
| 141 | 10.541 | 10.519 | 10.587 | VV | 31855  | 614774  | 9.56%  | 0.345% |

| rteres |        |        |        |    |        |         |         |        |
|--------|--------|--------|--------|----|--------|---------|---------|--------|
| 142    | 10.612 | 10.587 | 10.621 | VV | 4052   | 68103   | 1.06%   | 0.038% |
| 143    | 10.639 | 10.621 | 10.656 | VV | 11906  | 140710  | 2.19%   | 0.079% |
| 144    | 10.670 | 10.656 | 10.690 | VV | 4946   | 70328   | 1.09%   | 0.039% |
| 145    | 10.743 | 10.690 | 10.787 | VV | 571729 | 6429026 | 100.00% | 3.603% |
| 146    | 10.814 | 10.787 | 10.836 | VV | 158727 | 1720157 | 26.76%  | 0.964% |
| 147    | 10.844 | 10.836 | 10.885 | VV | 10896  | 155453  | 2.42%   | 0.087% |
| 148    | 10.914 | 10.885 | 10.937 | VV | 3028   | 61150   | 0.95%   | 0.034% |
| 149    | 10.952 | 10.937 | 10.967 | VV | 2300   | 27193   | 0.42%   | 0.015% |
| 150    | 10.987 | 10.967 | 11.007 | VV | 8857   | 106454  | 1.66%   | 0.060% |
| 151    | 11.029 | 11.007 | 11.067 | VV | 41562  | 504158  | 7.84%   | 0.283% |
| 152    | 11.098 | 11.067 | 11.113 | VV | 3763   | 64861   | 1.01%   | 0.036% |
| 153    | 11.135 | 11.113 | 11.153 | VV | 6035   | 94984   | 1.48%   | 0.053% |
| 154    | 11.168 | 11.153 | 11.197 | VV | 4170   | 87088   | 1.35%   | 0.049% |
| 155    | 11.265 | 11.197 | 11.297 | VV | 14318  | 373746  | 5.81%   | 0.209% |
| 156    | 11.335 | 11.297 | 11.360 | VV | 9665   | 160227  | 2.49%   | 0.090% |
| 157    | 11.387 | 11.360 | 11.410 | VV | 9889   | 144267  | 2.24%   | 0.081% |
| 158    | 11.429 | 11.410 | 11.448 | VV | 5219   | 63629   | 0.99%   | 0.036% |
| 159    | 11.503 | 11.448 | 11.523 | VV | 446796 | 4847842 | 75.41%  | 2.717% |
| 160    | 11.538 | 11.523 | 11.553 | VV | 72291  | 787971  | 12.26%  | 0.442% |
| 161    | 11.569 | 11.553 | 11.603 | VV | 96808  | 1097824 | 17.08%  | 0.615% |
| 162    | 11.652 | 11.603 | 11.670 | VV | 75733  | 1299670 | 20.22%  | 0.728% |
| 163    | 11.686 | 11.670 | 11.699 | VV | 43155  | 480451  | 7.47%   | 0.269% |
| 164    | 11.715 | 11.699 | 11.746 | VV | 62370  | 750603  | 11.68%  | 0.421% |
| 165    | 11.763 | 11.746 | 11.776 | VV | 4422   | 47275   | 0.74%   | 0.026% |
| 166    | 11.800 | 11.776 | 11.823 | VV | 8501   | 137328  | 2.14%   | 0.077% |
| 167    | 11.856 | 11.823 | 11.878 | VV | 5920   | 135526  | 2.11%   | 0.076% |
| 168    | 11.899 | 11.878 | 11.958 | VV | 27625  | 429679  | 6.68%   | 0.241% |
| 169    | 12.005 | 11.958 | 12.050 | VV | 43754  | 609559  | 9.48%   | 0.342% |
| 170    | 12.065 | 12.050 | 12.084 | VV | 4935   | 71741   | 1.12%   | 0.040% |
| 171    | 12.098 | 12.084 | 12.112 | VV | 4553   | 51048   | 0.79%   | 0.029% |
| 172    | 12.150 | 12.112 | 12.171 | VV | 8392   | 178249  | 2.77%   | 0.100% |
| 173    | 12.204 | 12.171 | 12.222 | VV | 2798   | 66917   | 1.04%   | 0.038% |
| 174    | 12.254 | 12.222 | 12.266 | VV | 9960   | 151174  | 2.35%   | 0.085% |
| 175    | 12.278 | 12.266 | 12.295 | VV | 9516   | 119627  | 1.86%   | 0.067% |
| 176    | 12.324 | 12.295 | 12.363 | VV | 19280  | 420754  | 6.54%   | 0.236% |
| 177    | 12.397 | 12.363 | 12.414 | VV | 16471  | 290108  | 4.51%   | 0.163% |
| 178    | 12.435 | 12.414 | 12.454 | VV | 40493  | 520503  | 8.10%   | 0.292% |
| 179    | 12.473 | 12.454 | 12.484 | VV | 19556  | 297855  | 4.63%   | 0.167% |
| 180    | 12.497 | 12.484 | 12.520 | VV | 21177  | 318150  | 4.95%   | 0.178% |
| 181    | 12.556 | 12.520 | 12.594 | VV | 533564 | 6299367 | 97.98%  | 3.531% |
| 182    | 12.614 | 12.594 | 12.632 | VV | 6063   | 79251   | 1.23%   | 0.044% |
| 183    | 12.648 | 12.632 | 12.663 | VV | 3963   | 55374   | 0.86%   | 0.031% |
| 184    | 12.680 | 12.663 | 12.690 | VV | 5720   | 70433   | 1.10%   | 0.039% |
| 185    | 12.709 | 12.690 | 12.719 | VV | 15068  | 182984  | 2.85%   | 0.103% |
| 186    | 12.734 | 12.719 | 12.749 | VV | 19426  | 245337  | 3.82%   | 0.138% |
| 187    | 12.764 | 12.749 | 12.821 | VV | 18260  | 346416  | 5.39%   | 0.194% |
| 188    | 12.851 | 12.821 | 12.880 | VV | 407986 | 4520991 | 70.32%  | 2.534% |
| 189    | 12.903 | 12.880 | 12.911 | VV | 57332  | 601791  | 9.36%   | 0.337% |
| 190    | 12.933 | 12.911 | 12.969 | VV | 358781 | 4304908 | 66.96%  | 2.413% |
| 191    | 13.019 | 12.969 | 13.033 | VV | 23181  | 344900  | 5.36%   | 0.193% |
| 192    | 13.048 | 13.033 | 13.074 | VV | 20903  | 261008  | 4.06%   | 0.146% |
| 193    | 13.113 | 13.074 | 13.155 | VV | 30942  | 478988  | 7.45%   | 0.268% |
| 194    | 13.185 | 13.155 | 13.212 | VV | 10895  | 216462  | 3.37%   | 0.121% |

|     |        |        |        |    |        |         |        |        |
|-----|--------|--------|--------|----|--------|---------|--------|--------|
|     |        |        |        |    | rteres |         |        |        |
| 195 | 13.241 | 13.212 | 13.280 | PV | 21559  | 359131  | 5.59%  | 0.201% |
| 196 | 13.305 | 13.280 | 13.331 | VV | 35569  | 528608  | 8.22%  | 0.296% |
| 197 | 13.341 | 13.331 | 13.367 | VV | 3311   | 48983   | 0.76%  | 0.027% |
| 198 | 13.434 | 13.367 | 13.474 | VV | 102657 | 1576163 | 24.52% | 0.883% |
| 199 | 13.500 | 13.474 | 13.517 | VV | 14932  | 194952  | 3.03%  | 0.109% |
| 200 | 13.541 | 13.517 | 13.563 | VV | 68003  | 864406  | 13.45% | 0.485% |
| 201 | 13.580 | 13.563 | 13.602 | VV | 39009  | 497837  | 7.74%  | 0.279% |
| 202 | 13.619 | 13.602 | 13.646 | VV | 15655  | 267406  | 4.16%  | 0.150% |
| 203 | 13.709 | 13.646 | 13.731 | VV | 36219  | 949265  | 14.77% | 0.532% |
| 204 | 13.750 | 13.731 | 13.791 | VV | 31201  | 456368  | 7.10%  | 0.256% |
| 205 | 13.827 | 13.791 | 13.848 | VV | 12744  | 239287  | 3.72%  | 0.134% |
| 206 | 13.861 | 13.848 | 13.886 | VV | 5423   | 107131  | 1.67%  | 0.060% |
| 207 | 13.909 | 13.886 | 13.921 | VV | 4371   | 79841   | 1.24%  | 0.045% |
| 208 | 13.937 | 13.921 | 13.970 | VV | 5826   | 125728  | 1.96%  | 0.070% |
| 209 | 13.984 | 13.970 | 14.000 | VV | 3932   | 54763   | 0.85%  | 0.031% |
| 210 | 14.016 | 14.000 | 14.053 | VV | 3645   | 58786   | 0.91%  | 0.033% |
| 211 | 14.070 | 14.053 | 14.081 | PV | 1481   | 12754   | 0.20%  | 0.007% |
| 212 | 14.134 | 14.081 | 14.152 | VV | 19884  | 469274  | 7.30%  | 0.263% |
| 213 | 14.170 | 14.152 | 14.199 | VV | 29903  | 409906  | 6.38%  | 0.230% |
| 214 | 14.241 | 14.199 | 14.256 | VV | 15253  | 297573  | 4.63%  | 0.167% |
| 215 | 14.268 | 14.256 | 14.316 | VV | 13626  | 262785  | 4.09%  | 0.147% |
| 216 | 14.342 | 14.316 | 14.381 | VV | 35094  | 613117  | 9.54%  | 0.344% |
| 217 | 14.406 | 14.381 | 14.430 | VV | 56120  | 829857  | 12.91% | 0.465% |
| 218 | 14.472 | 14.430 | 14.506 | VV | 35160  | 778990  | 12.12% | 0.437% |
| 219 | 14.530 | 14.506 | 14.549 | VV | 8935   | 147863  | 2.30%  | 0.083% |
| 220 | 14.591 | 14.549 | 14.645 | VV | 13014  | 385382  | 5.99%  | 0.216% |
| 221 | 14.672 | 14.645 | 14.688 | VV | 12737  | 165065  | 2.57%  | 0.093% |
| 222 | 14.721 | 14.688 | 14.741 | VV | 232018 | 2821532 | 43.89% | 1.581% |
| 223 | 14.762 | 14.741 | 14.794 | VV | 203162 | 2499236 | 38.87% | 1.401% |
| 224 | 14.809 | 14.794 | 14.837 | VV | 6678   | 105336  | 1.64%  | 0.059% |
| 225 | 14.879 | 14.837 | 14.931 | VV | 43296  | 751620  | 11.69% | 0.421% |
| 226 | 14.961 | 14.931 | 14.994 | VV | 17538  | 301504  | 4.69%  | 0.169% |
| 227 | 15.022 | 14.994 | 15.042 | PV | 20534  | 289092  | 4.50%  | 0.162% |
| 228 | 15.061 | 15.042 | 15.130 | VV | 15022  | 425891  | 6.62%  | 0.239% |
| 229 | 15.162 | 15.130 | 15.180 | VV | 11212  | 208865  | 3.25%  | 0.117% |
| 230 | 15.202 | 15.180 | 15.238 | VV | 13136  | 275108  | 4.28%  | 0.154% |
| 231 | 15.298 | 15.238 | 15.319 | VV | 11486  | 255924  | 3.98%  | 0.143% |
| 232 | 15.346 | 15.319 | 15.364 | VV | 12279  | 226174  | 3.52%  | 0.127% |
| 233 | 15.389 | 15.364 | 15.409 | VV | 55310  | 719622  | 11.19% | 0.403% |
| 234 | 15.426 | 15.409 | 15.454 | VV | 26446  | 381962  | 5.94%  | 0.214% |
| 235 | 15.472 | 15.454 | 15.505 | VV | 14474  | 266555  | 4.15%  | 0.149% |
| 236 | 15.549 | 15.505 | 15.586 | VV | 29804  | 787902  | 12.26% | 0.442% |
| 237 | 15.623 | 15.586 | 15.649 | VV | 13868  | 275200  | 4.28%  | 0.154% |
| 238 | 15.666 | 15.649 | 15.686 | VV | 4260   | 60270   | 0.94%  | 0.034% |
| 239 | 15.708 | 15.686 | 15.733 | VV | 12063  | 149618  | 2.33%  | 0.084% |
| 240 | 15.756 | 15.733 | 15.774 | VV | 13477  | 172171  | 2.68%  | 0.097% |
| 241 | 15.795 | 15.774 | 15.845 | VV | 11651  | 250066  | 3.89%  | 0.140% |
| 242 | 15.886 | 15.845 | 15.903 | PV | 2941   | 42526   | 0.66%  | 0.024% |
| 243 | 15.919 | 15.903 | 15.933 | VV | 2489   | 25882   | 0.40%  | 0.015% |
| 244 | 15.946 | 15.933 | 15.961 | VV | 1568   | 21978   | 0.34%  | 0.012% |
| 245 | 15.984 | 15.961 | 16.002 | VV | 8917   | 139793  | 2.17%  | 0.078% |
| 246 | 16.019 | 16.002 | 16.040 | VV | 8179   | 133327  | 2.07%  | 0.075% |

| rteres |        |        |        |    |        |         |        |        |
|--------|--------|--------|--------|----|--------|---------|--------|--------|
| 247    | 16.061 | 16.040 | 16.077 | VV | 12491  | 172593  | 2.68%  | 0.097% |
| 248    | 16.089 | 16.077 | 16.118 | VV | 9493   | 166810  | 2.59%  | 0.093% |
| 249    | 16.184 | 16.118 | 16.231 | VV | 15488  | 546712  | 8.50%  | 0.306% |
| 250    | 16.277 | 16.231 | 16.339 | VV | 200236 | 3876219 | 60.29% | 2.173% |
| 251    | 16.352 | 16.339 | 16.374 | VV | 5260   | 95364   | 1.48%  | 0.053% |
| 252    | 16.403 | 16.374 | 16.425 | VV | 41930  | 569411  | 8.86%  | 0.319% |
| 253    | 16.438 | 16.425 | 16.482 | VV | 10512  | 234636  | 3.65%  | 0.132% |
| 254    | 16.524 | 16.482 | 16.537 | VV | 9602   | 198796  | 3.09%  | 0.111% |
| 255    | 16.594 | 16.537 | 16.621 | VV | 112490 | 1820168 | 28.31% | 1.020% |
| 256    | 16.654 | 16.621 | 16.695 | VV | 157909 | 2110113 | 32.82% | 1.183% |
| 257    | 16.751 | 16.695 | 16.779 | VV | 45172  | 839722  | 13.06% | 0.471% |
| 258    | 16.802 | 16.779 | 16.841 | VV | 15059  | 346207  | 5.39%  | 0.194% |
| 259    | 16.895 | 16.841 | 16.934 | VV | 17688  | 683465  | 10.63% | 0.383% |
| 260    | 16.953 | 16.934 | 16.972 | VV | 10866  | 201308  | 3.13%  | 0.113% |
| 261    | 17.014 | 16.972 | 17.088 | VV | 28558  | 1111975 | 17.30% | 0.623% |
| 262    | 17.116 | 17.088 | 17.124 | VV | 11000  | 180509  | 2.81%  | 0.101% |
| 263    | 17.152 | 17.124 | 17.162 | VV | 20571  | 367246  | 5.71%  | 0.206% |
| 264    | 17.179 | 17.162 | 17.212 | VV | 23454  | 526814  | 8.19%  | 0.295% |
| 265    | 17.235 | 17.212 | 17.251 | VV | 16849  | 300127  | 4.67%  | 0.168% |
| 266    | 17.263 | 17.251 | 17.282 | VV | 13963  | 214871  | 3.34%  | 0.120% |
| 267    | 17.308 | 17.282 | 17.334 | VV | 22511  | 460856  | 7.17%  | 0.258% |
| 268    | 17.346 | 17.334 | 17.385 | VV | 11175  | 280082  | 4.36%  | 0.157% |
| 269    | 17.408 | 17.385 | 17.442 | VV | 11052  | 323202  | 5.03%  | 0.181% |
| 270    | 17.457 | 17.442 | 17.475 | VV | 8803   | 160996  | 2.50%  | 0.090% |
| 271    | 17.489 | 17.475 | 17.503 | VV | 8775   | 136131  | 2.12%  | 0.076% |
| 272    | 17.519 | 17.503 | 17.539 | VV | 9356   | 180993  | 2.82%  | 0.101% |
| 273    | 17.625 | 17.539 | 17.661 | VV | 23115  | 1042113 | 16.21% | 0.584% |
| 274    | 17.735 | 17.661 | 17.756 | VV | 18434  | 819292  | 12.74% | 0.459% |
| 275    | 17.793 | 17.756 | 17.838 | VV | 23640  | 875193  | 13.61% | 0.491% |
| 276    | 17.863 | 17.838 | 17.895 | VV | 14137  | 447641  | 6.96%  | 0.251% |
| 277    | 17.926 | 17.895 | 17.984 | VV | 39208  | 1083869 | 16.86% | 0.608% |
| 278    | 18.021 | 17.984 | 18.084 | VV | 98470  | 2361478 | 36.73% | 1.324% |
| 279    | 18.100 | 18.084 | 18.120 | VV | 23009  | 403955  | 6.28%  | 0.226% |
| 280    | 18.149 | 18.120 | 18.166 | VV | 41407  | 738538  | 11.49% | 0.414% |
| 281    | 18.180 | 18.166 | 18.241 | VV | 32460  | 956189  | 14.87% | 0.536% |
| 282    | 18.273 | 18.241 | 18.320 | VV | 88619  | 1605461 | 24.97% | 0.900% |
| 283    | 18.352 | 18.320 | 18.372 | VV | 22530  | 594231  | 9.24%  | 0.333% |
| 284    | 18.404 | 18.372 | 18.430 | VV | 43806  | 953212  | 14.83% | 0.534% |
| 285    | 18.452 | 18.430 | 18.480 | VV | 23367  | 578702  | 9.00%  | 0.324% |
| 286    | 18.502 | 18.480 | 18.525 | VV | 20166  | 483248  | 7.52%  | 0.271% |
| 287    | 18.585 | 18.525 | 18.620 | VV | 21684  | 1118451 | 17.40% | 0.627% |
| 288    | 18.646 | 18.620 | 18.672 | VV | 21813  | 656784  | 10.22% | 0.368% |
| 289    | 18.702 | 18.672 | 18.724 | VV | 28024  | 738510  | 11.49% | 0.414% |
| 290    | 18.746 | 18.724 | 18.761 | VV | 23025  | 490559  | 7.63%  | 0.275% |
| 291    | 18.783 | 18.761 | 18.811 | VV | 28200  | 722087  | 11.23% | 0.405% |
| 292    | 18.846 | 18.811 | 18.921 | VV | 34272  | 1780233 | 27.69% | 0.998% |
| 293    | 18.951 | 18.921 | 18.970 | VV | 30700  | 787510  | 12.25% | 0.441% |
| 294    | 18.984 | 18.970 | 19.006 | VV | 28555  | 583969  | 9.08%  | 0.327% |
| 295    | 19.021 | 19.006 | 19.033 | VV | 24452  | 382769  | 5.95%  | 0.215% |
| 296    | 19.053 | 19.033 | 19.063 | VV | 25748  | 456441  | 7.10%  | 0.256% |
| 297    | 19.123 | 19.063 | 19.182 | VV | 26991  | 1833721 | 28.52% | 1.028% |
| 298    | 19.230 | 19.182 | 19.246 | VV | 29786  | 1030258 | 16.03% | 0.577% |
| 299    | 19.262 | 19.246 | 19.270 | VV | 29005  | 421574  | 6.56%  | 0.236% |

|     |        |        |        |     |                         |         |           |        |
|-----|--------|--------|--------|-----|-------------------------|---------|-----------|--------|
|     |        |        |        |     |                         | rters   |           |        |
| 300 | 19.287 | 19.270 | 19.323 | VV  | 30351                   | 915038  | 14.23%    | 0.513% |
| 301 | 19.368 | 19.323 | 19.390 | VV  | 33986                   | 1283612 | 19.97%    | 0.719% |
| 302 | 19.425 | 19.390 | 19.453 | VV  | 62395                   | 1689750 | 26.28%    | 0.947% |
| 303 | 19.492 | 19.453 | 19.525 | VV  | 64907                   | 1994683 | 31.03%    | 1.118% |
| 304 | 19.580 | 19.525 | 19.663 | VV  | 47751                   | 3270406 | 50.87%    | 1.833% |
| 305 | 19.709 | 19.663 | 19.741 | VV  | 41679                   | 1721824 | 26.78%    | 0.965% |
| 306 | 19.803 | 19.741 | 19.839 | VV  | 71486                   | 2806516 | 43.65%    | 1.573% |
| 307 | 19.870 | 19.839 | 19.922 | VV  | 52740                   | 2300574 | 35.78%    | 1.289% |
| 308 | 19.947 | 19.922 | 19.989 | VV  | 48507                   | 1836017 | 28.56%    | 1.029% |
| 309 | 20.008 | 19.989 | 20.020 | VV  | 44756                   | 813018  | 12.65%    | 0.456% |
| 310 | 20.080 | 20.020 | 20.097 | VV  | 47540                   | 2129629 | 33.13%    | 1.194% |
| 311 | 20.133 | 20.097 | 20.168 | VV  | 51711                   | 2104176 | 32.73%    | 1.179% |
| 312 | 20.227 | 20.168 | 20.255 | VV  | 50618                   | 2521296 | 39.22%    | 1.413% |
| 313 | 20.325 | 20.255 | 20.345 | VV  | 54318                   | 2819775 | 43.86%    | 1.580% |
| 314 | 20.366 | 20.345 | 20.403 | VV  | 54566                   | 1871334 | 29.11%    | 1.049% |
| 315 | 20.448 | 20.403 | 20.478 | VV  | 55795                   | 2428143 | 37.77%    | 1.361% |
| 316 | 20.484 | 20.478 | 20.515 | VV  | 53858                   | 1173047 | 18.25%    | 0.657% |
| 317 | 20.541 | 20.515 | 20.647 | VV  | 53133                   | 4024017 | 62.59%    | 2.255% |
| 318 | 20.680 | 20.647 | 20.736 | VV  | 50738                   | 2661308 | 41.40%    | 1.492% |
| 319 | 20.802 | 20.736 | 20.863 | VV  | 52425                   | 3842932 | 59.77%    | 2.154% |
| 320 | 20.884 | 20.863 | 20.962 | VV  | 49039                   | 2701886 | 42.03%    | 1.514% |
| 321 | 20.991 | 20.962 | 21.019 | VV  | 44393                   | 1498195 | 23.30%    | 0.840% |
| 322 | 21.077 | 21.019 | 21.109 | VV  | 47350                   | 2394942 | 37.25%    | 1.342% |
| 323 | 21.163 | 21.109 | 21.221 | VV  | 51735                   | 3248046 | 50.52%    | 1.821% |
| 324 | 21.232 | 21.221 | 21.298 | VV  | 45680                   | 2015494 | 31.35%    | 1.130% |
| 325 | 21.318 | 21.298 | 21.344 | VV  | 42150                   | 1145966 | 17.82%    | 0.642% |
| 326 | 21.370 | 21.344 | 21.398 | VV  | 40848                   | 1298090 | 20.19%    | 0.728% |
| 327 | 21.406 | 21.398 | 21.416 | VV  | 39958                   | 439665  | 6.84%     | 0.246% |
| 328 | 21.451 | 21.416 | 21.500 | VV  | 45108                   | 2057574 | 32.00%    | 1.153% |
| 329 | 21.528 | 21.500 | 21.558 | VV  | 41115                   | 1360651 | 21.16%    | 0.763% |
| 330 | 21.583 | 21.558 | 21.599 | VV  | 37390                   | 915764  | 14.24%    | 0.513% |
| 331 | 21.631 | 21.599 | 21.651 | VBA | 38952                   | 1276642 | 19.86%    | 0.716% |
|     |        |        |        |     | Sum of corrected areas: |         | 178411638 |        |

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