

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE110824AL\  
 Data File : FE051101.D  
 Signal(s) : FID1B.ch  
 Acq On : 07 Nov 2024 23:41  
 Sample : P4739-14  
 Misc :  
 ALS Vial : 26 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 110724.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         | 3.237       | 3.205        | 3.324      | PH       | 1128           | 31534        | 0.47%          | 0.015%        |
| 2         | 3.348       | 3.324        | 3.358      | PV       | 324            | 4373         | 0.06%          | 0.002%        |
| 3         | 3.377       | 3.358        | 3.394      | VV       | 620            | 8945         | 0.13%          | 0.004%        |
| 4         | 3.429       | 3.394        | 3.497      | VV       | 16245          | 181053       | 2.67%          | 0.084%        |
| 5         | 3.514       | 3.497        | 3.530      | VV       | 398            | 4524         | 0.07%          | 0.002%        |
| 6         | 3.549       | 3.530        | 3.595      | VV       | 943            | 13798        | 0.20%          | 0.006%        |
| 7         | 3.639       | 3.595        | 3.660      | PV       | 548            | 11488        | 0.17%          | 0.005%        |
| 8         | 3.684       | 3.660        | 3.702      | VV       | 1786           | 26693        | 0.39%          | 0.012%        |
| 9         | 3.722       | 3.702        | 3.754      | VV       | 9161           | 114505       | 1.69%          | 0.053%        |
| 10        | 3.763       | 3.754        | 3.798      | VV       | 1346           | 21600        | 0.32%          | 0.010%        |
| 11        | 3.841       | 3.798        | 3.894      | VV       | 5764           | 107478       | 1.59%          | 0.050%        |
| 12        | 3.919       | 3.894        | 3.985      | VV       | 38129          | 419612       | 6.19%          | 0.194%        |
| 13        | 4.004       | 3.985        | 4.013      | VV       | 731            | 7740         | 0.11%          | 0.004%        |
| 14        | 4.030       | 4.013        | 4.045      | VV       | 1488           | 18930        | 0.28%          | 0.009%        |
| 15        | 4.061       | 4.045        | 4.079      | VV       | 1220           | 17906        | 0.26%          | 0.008%        |
| 16        | 4.094       | 4.079        | 4.114      | VV       | 740            | 11241        | 0.17%          | 0.005%        |
| 17        | 4.136       | 4.114        | 4.158      | VV       | 1053           | 15597        | 0.23%          | 0.007%        |
| 18        | 4.175       | 4.158        | 4.187      | VV       | 312            | 3346         | 0.05%          | 0.002%        |
| 19        | 4.224       | 4.187        | 4.250      | VV       | 4264           | 76235        | 1.13%          | 0.035%        |
| 20        | 4.264       | 4.250        | 4.339      | VV       | 1751           | 44110        | 0.65%          | 0.020%        |
| 21        | 4.377       | 4.339        | 4.407      | VV       | 949            | 20425        | 0.30%          | 0.009%        |
| 22        | 4.427       | 4.407        | 4.460      | VV       | 743            | 14752        | 0.22%          | 0.007%        |
| 23        | 4.490       | 4.460        | 4.514      | VV       | 4516           | 53797        | 0.79%          | 0.025%        |
| 24        | 4.533       | 4.514        | 4.554      | VV       | 2323           | 28688        | 0.42%          | 0.013%        |
| 25        | 4.565       | 4.554        | 4.590      | VV       | 817            | 11391        | 0.17%          | 0.005%        |
| 26        | 4.607       | 4.590        | 4.631      | VV       | 403            | 5813         | 0.09%          | 0.003%        |
| 27        | 4.663       | 4.631        | 4.685      | VV       | 890            | 14688        | 0.22%          | 0.007%        |
| 28        | 4.697       | 4.685        | 4.722      | VV       | 624            | 9385         | 0.14%          | 0.004%        |
| 29        | 4.739       | 4.722        | 4.754      | VV       | 483            | 6529         | 0.10%          | 0.003%        |
| 30        | 4.772       | 4.754        | 4.786      | VV       | 1547           | 17003        | 0.25%          | 0.008%        |
| 31        | 4.794       | 4.786        | 4.812      | VV       | 816            | 8612         | 0.13%          | 0.004%        |
| 32        | 4.830       | 4.812        | 4.868      | VV       | 442            | 10815        | 0.16%          | 0.005%        |
| 33        | 4.886       | 4.868        | 4.898      | VV       | 384            | 4810         | 0.07%          | 0.002%        |
| 34        | 4.912       | 4.898        | 4.938      | VV       | 611            | 11889        | 0.18%          | 0.006%        |
| 35        | 4.951       | 4.938        | 4.978      | VV       | 603            | 9707         | 0.14%          | 0.004%        |
| 36        | 4.996       | 4.978        | 5.035      | VV       | 1146           | 16534        | 0.24%          | 0.008%        |

|    |       |       |       |    |        |       |       |        |
|----|-------|-------|-------|----|--------|-------|-------|--------|
|    |       |       |       |    | rteres |       |       |        |
| 37 | 5.074 | 5.035 | 5.089 | PV | 431    | 6412  | 0.09% | 0.003% |
| 38 | 5.101 | 5.089 | 5.145 | VV | 312    | 3775  | 0.06% | 0.002% |
| 39 | 5.166 | 5.145 | 5.183 | VV | 766    | 8435  | 0.12% | 0.004% |
| 40 | 5.198 | 5.183 | 5.224 | VV | 754    | 10131 | 0.15% | 0.005% |
| 41 | 5.239 | 5.224 | 5.274 | VV | 758    | 12796 | 0.19% | 0.006% |
| 42 | 5.308 | 5.274 | 5.349 | VV | 633    | 13129 | 0.19% | 0.006% |
| 43 | 5.371 | 5.349 | 5.386 | PV | 96     | 1427  | 0.02% | 0.001% |
| 44 | 5.406 | 5.386 | 5.419 | VV | 272    | 3070  | 0.05% | 0.001% |
| 45 | 5.503 | 5.419 | 5.603 | VV | 536    | 28438 | 0.42% | 0.013% |
| 46 | 5.628 | 5.603 | 5.653 | PV | 3606   | 43434 | 0.64% | 0.020% |
| 47 | 5.663 | 5.653 | 5.731 | VV | 669    | 12331 | 0.18% | 0.006% |
| 48 | 5.754 | 5.731 | 5.771 | VV | 245    | 4232  | 0.06% | 0.002% |
| 49 | 5.807 | 5.771 | 5.821 | VV | 508    | 9772  | 0.14% | 0.005% |
| 50 | 5.826 | 5.821 | 5.871 | VV | 460    | 7555  | 0.11% | 0.003% |
| 51 | 5.888 | 5.871 | 5.904 | VV | 244    | 3026  | 0.04% | 0.001% |
| 52 | 5.929 | 5.904 | 5.967 | VV | 826    | 17593 | 0.26% | 0.008% |
| 53 | 5.983 | 5.967 | 6.008 | VV | 490    | 8670  | 0.13% | 0.004% |
| 54 | 6.017 | 6.008 | 6.087 | VV | 303    | 6454  | 0.10% | 0.003% |
| 55 | 6.106 | 6.087 | 6.137 | PV | 320    | 4155  | 0.06% | 0.002% |
| 56 | 6.158 | 6.137 | 6.182 | VV | 282    | 4483  | 0.07% | 0.002% |
| 57 | 6.220 | 6.182 | 6.277 | VV | 1259   | 34381 | 0.51% | 0.016% |
| 58 | 6.302 | 6.277 | 6.324 | VV | 570    | 10792 | 0.16% | 0.005% |
| 59 | 6.368 | 6.324 | 6.417 | VV | 699    | 18558 | 0.27% | 0.009% |
| 60 | 6.439 | 6.417 | 6.467 | VV | 275    | 6632  | 0.10% | 0.003% |
| 61 | 6.477 | 6.467 | 6.503 | VV | 241    | 4059  | 0.06% | 0.002% |
| 62 | 6.529 | 6.503 | 6.574 | VV | 335    | 10755 | 0.16% | 0.005% |
| 63 | 6.589 | 6.574 | 6.635 | VV | 293    | 6723  | 0.10% | 0.003% |
| 64 | 6.659 | 6.635 | 6.717 | VV | 1808   | 24241 | 0.36% | 0.011% |
| 65 | 6.745 | 6.717 | 6.766 | VV | 309    | 5166  | 0.08% | 0.002% |
| 66 | 6.778 | 6.766 | 6.791 | VV | 216    | 2254  | 0.03% | 0.001% |
| 67 | 6.810 | 6.791 | 6.830 | VV | 975    | 11216 | 0.17% | 0.005% |
| 68 | 6.845 | 6.830 | 6.871 | VV | 353    | 5360  | 0.08% | 0.002% |
| 69 | 6.881 | 6.871 | 6.904 | VV | 207    | 2591  | 0.04% | 0.001% |
| 70 | 6.916 | 6.904 | 6.930 | VV | 127    | 1599  | 0.02% | 0.001% |
| 71 | 6.946 | 6.930 | 6.963 | VV | 262    | 2975  | 0.04% | 0.001% |
| 72 | 6.984 | 6.963 | 7.005 | VV | 382    | 4536  | 0.07% | 0.002% |
| 73 | 7.021 | 7.005 | 7.038 | VV | 253    | 2469  | 0.04% | 0.001% |
| 74 | 7.068 | 7.038 | 7.096 | PV | 346    | 7185  | 0.11% | 0.003% |
| 75 | 7.120 | 7.096 | 7.138 | VV | 231    | 4078  | 0.06% | 0.002% |
| 76 | 7.189 | 7.138 | 7.211 | VV | 532    | 13778 | 0.20% | 0.006% |
| 77 | 7.231 | 7.211 | 7.255 | VV | 691    | 10872 | 0.16% | 0.005% |
| 78 | 7.278 | 7.255 | 7.294 | VV | 542    | 8571  | 0.13% | 0.004% |
| 79 | 7.317 | 7.294 | 7.356 | VV | 1170   | 29417 | 0.43% | 0.014% |
| 80 | 7.378 | 7.356 | 7.417 | VV | 1708   | 28880 | 0.43% | 0.013% |
| 81 | 7.445 | 7.417 | 7.467 | VV | 1484   | 23514 | 0.35% | 0.011% |
| 82 | 7.481 | 7.467 | 7.532 | VV | 641    | 20392 | 0.30% | 0.009% |
| 83 | 7.552 | 7.532 | 7.568 | VV | 560    | 9337  | 0.14% | 0.004% |
| 84 | 7.605 | 7.568 | 7.637 | VV | 2854   | 41362 | 0.61% | 0.019% |
| 85 | 7.647 | 7.637 | 7.671 | VV | 432    | 6508  | 0.10% | 0.003% |
| 86 | 7.684 | 7.671 | 7.710 | VV | 298    | 5595  | 0.08% | 0.003% |
| 87 | 7.728 | 7.710 | 7.753 | VV | 191    | 3550  | 0.05% | 0.002% |
| 88 | 7.781 | 7.753 | 7.815 | VV | 774    | 10179 | 0.15% | 0.005% |
| 89 | 7.832 | 7.815 | 7.854 | VV | 204    | 2179  | 0.03% | 0.001% |

|     |        |        |        |    |        |        |       |        |
|-----|--------|--------|--------|----|--------|--------|-------|--------|
|     |        |        |        |    | rteres |        |       |        |
| 90  | 7.888  | 7.854  | 7.896  | PV | 309    | 3876   | 0.06% | 0.002% |
| 91  | 8.057  | 8.047  | 8.121  | VV | 3097   | 97323  | 1.44% | 0.045% |
| 92  | 8.131  | 8.121  | 8.151  | VV | 1594   | 24899  | 0.37% | 0.012% |
| 93  | 8.177  | 8.151  | 8.193  | VV | 1627   | 31502  | 0.47% | 0.015% |
| 94  | 8.212  | 8.193  | 8.257  | VV | 1643   | 48216  | 0.71% | 0.022% |
| 95  | 8.270  | 8.257  | 8.283  | VV | 927    | 13227  | 0.20% | 0.006% |
| 96  | 8.304  | 8.283  | 8.374  | VV | 2843   | 77568  | 1.15% | 0.036% |
| 97  | 8.392  | 8.374  | 8.403  | VV | 1405   | 19823  | 0.29% | 0.009% |
| 98  | 8.421  | 8.403  | 8.437  | VV | 2645   | 38353  | 0.57% | 0.018% |
| 99  | 8.451  | 8.437  | 8.463  | VV | 1855   | 25121  | 0.37% | 0.012% |
| 100 | 8.485  | 8.463  | 8.551  | VV | 5490   | 100247 | 1.48% | 0.046% |
| 101 | 8.611  | 8.551  | 8.625  | VV | 2211   | 55094  | 0.81% | 0.026% |
| 102 | 8.636  | 8.625  | 8.682  | VV | 2149   | 38074  | 0.56% | 0.018% |
| 103 | 8.699  | 8.682  | 8.718  | VV | 735    | 11308  | 0.17% | 0.005% |
| 104 | 8.732  | 8.718  | 8.752  | VV | 439    | 5948   | 0.09% | 0.003% |
| 105 | 8.899  | 8.880  | 8.926  | VV | 12855  | 222975 | 3.29% | 0.103% |
| 106 | 8.933  | 8.926  | 8.964  | VV | 4607   | 92058  | 1.36% | 0.043% |
| 107 | 8.973  | 8.964  | 8.991  | VV | 3703   | 54759  | 0.81% | 0.025% |
| 108 | 9.023  | 8.991  | 9.061  | VV | 4875   | 121478 | 1.79% | 0.056% |
| 109 | 9.074  | 9.061  | 9.091  | VV | 1613   | 26132  | 0.39% | 0.012% |
| 110 | 9.097  | 9.091  | 9.117  | VV | 1351   | 17456  | 0.26% | 0.008% |
| 111 | 9.142  | 9.117  | 9.163  | VV | 2386   | 45092  | 0.67% | 0.021% |
| 112 | 9.191  | 9.163  | 9.208  | VV | 2121   | 47688  | 0.70% | 0.022% |
| 113 | 9.233  | 9.208  | 9.286  | VV | 2177   | 76176  | 1.12% | 0.035% |
| 114 | 9.311  | 9.286  | 9.339  | VV | 6759   | 95104  | 1.40% | 0.044% |
| 115 | 9.354  | 9.339  | 9.378  | VV | 1572   | 25778  | 0.38% | 0.012% |
| 116 | 9.393  | 9.378  | 9.421  | VV | 771    | 14270  | 0.21% | 0.007% |
| 117 | 9.437  | 9.421  | 9.451  | VV | 373    | 5067   | 0.07% | 0.002% |
| 118 | 9.467  | 9.451  | 9.489  | VV | 1312   | 17333  | 0.26% | 0.008% |
| 119 | 9.509  | 9.489  | 9.574  | VV | 1168   | 21106  | 0.31% | 0.010% |
| 120 | 9.607  | 9.574  | 9.635  | VV | 1157   | 23112  | 0.34% | 0.011% |
| 121 | 9.698  | 9.635  | 9.740  | VV | 4900   | 115596 | 1.71% | 0.054% |
| 122 | 9.766  | 9.740  | 9.795  | VV | 2664   | 51122  | 0.75% | 0.024% |
| 123 | 9.815  | 9.795  | 9.828  | VV | 1151   | 17971  | 0.27% | 0.008% |
| 124 | 9.846  | 9.828  | 9.885  | VV | 2261   | 52916  | 0.78% | 0.025% |
| 125 | 9.897  | 9.885  | 9.918  | VV | 930    | 15543  | 0.23% | 0.007% |
| 126 | 9.927  | 9.918  | 9.951  | VV | 710    | 8531   | 0.13% | 0.004% |
| 127 | 9.975  | 9.951  | 10.071 | VV | 27531  | 508409 | 7.51% | 0.235% |
| 128 | 10.090 | 10.071 | 10.168 | VV | 7149   | 140189 | 2.07% | 0.065% |
| 129 | 10.200 | 10.168 | 10.237 | VV | 1118   | 31608  | 0.47% | 0.015% |
| 130 | 10.271 | 10.237 | 10.344 | VV | 802    | 24548  | 0.36% | 0.011% |
| 131 | 10.366 | 10.344 | 10.398 | PV | 410    | 6112   | 0.09% | 0.003% |
| 132 | 10.441 | 10.398 | 10.458 | VV | 4329   | 60854  | 0.90% | 0.028% |
| 133 | 10.477 | 10.458 | 10.505 | VV | 4118   | 62136  | 0.92% | 0.029% |
| 134 | 10.543 | 10.505 | 10.550 | VV | 1798   | 31188  | 0.46% | 0.014% |
| 135 | 10.569 | 10.550 | 10.598 | VV | 2032   | 47380  | 0.70% | 0.022% |
| 136 | 10.622 | 10.598 | 10.654 | VV | 2470   | 38623  | 0.57% | 0.018% |
| 137 | 10.692 | 10.654 | 10.730 | PV | 1596   | 39696  | 0.59% | 0.018% |
| 138 | 10.753 | 10.730 | 10.774 | VV | 2013   | 32152  | 0.47% | 0.015% |
| 139 | 10.828 | 10.774 | 10.849 | VV | 7144   | 116188 | 1.72% | 0.054% |
| 140 | 10.858 | 10.849 | 10.873 | VV | 1203   | 14664  | 0.22% | 0.007% |
| 141 | 10.900 | 10.873 | 10.990 | VV | 6205   | 144214 | 2.13% | 0.067% |

|     |        |        |        |    | rteres |         |         |        |
|-----|--------|--------|--------|----|--------|---------|---------|--------|
| 142 | 11.052 | 10.990 | 11.066 | VV | 913    | 21817   | 0.32%   | 0.010% |
| 143 | 11.098 | 11.066 | 11.158 | VV | 52474  | 758590  | 11.20%  | 0.351% |
| 144 | 11.180 | 11.158 | 11.261 | VV | 15122  | 332381  | 4.91%   | 0.154% |
| 145 | 11.280 | 11.261 | 11.325 | VV | 1836   | 46186   | 0.68%   | 0.021% |
| 146 | 11.335 | 11.325 | 11.374 | VV | 692    | 10149   | 0.15%   | 0.005% |
| 147 | 11.406 | 11.374 | 11.420 | PV | 1344   | 19475   | 0.29%   | 0.009% |
| 148 | 11.462 | 11.420 | 11.480 | VV | 3071   | 65643   | 0.97%   | 0.030% |
| 149 | 11.494 | 11.480 | 11.506 | VV | 1535   | 21170   | 0.31%   | 0.010% |
| 150 | 11.531 | 11.506 | 11.557 | VV | 9101   | 121071  | 1.79%   | 0.056% |
| 151 | 11.580 | 11.557 | 11.592 | VV | 946    | 18565   | 0.27%   | 0.009% |
| 152 | 11.623 | 11.592 | 11.675 | VV | 7900   | 136910  | 2.02%   | 0.063% |
| 153 | 11.693 | 11.675 | 11.709 | VV | 988    | 11256   | 0.17%   | 0.005% |
| 154 | 11.762 | 11.709 | 11.787 | PV | 1428   | 36289   | 0.54%   | 0.017% |
| 155 | 11.855 | 11.787 | 11.885 | VV | 626211 | 6774256 | 100.00% | 3.137% |
| 156 | 11.903 | 11.885 | 11.920 | VV | 8966   | 133111  | 1.96%   | 0.062% |
| 157 | 11.936 | 11.920 | 11.985 | VV | 8763   | 159207  | 2.35%   | 0.074% |
| 158 | 12.015 | 11.985 | 12.038 | VV | 14900  | 219579  | 3.24%   | 0.102% |
| 159 | 12.051 | 12.038 | 12.066 | VV | 6006   | 75531   | 1.11%   | 0.035% |
| 160 | 12.083 | 12.066 | 12.120 | VV | 6665   | 104198  | 1.54%   | 0.048% |
| 161 | 12.141 | 12.120 | 12.157 | VV | 870    | 12102   | 0.18%   | 0.006% |
| 162 | 12.199 | 12.157 | 12.223 | PV | 8484   | 120147  | 1.77%   | 0.056% |
| 163 | 12.239 | 12.223 | 12.257 | VV | 986    | 13596   | 0.20%   | 0.006% |
| 164 | 12.308 | 12.257 | 12.356 | VV | 8550   | 179772  | 2.65%   | 0.083% |
| 165 | 12.375 | 12.356 | 12.417 | VV | 4877   | 102555  | 1.51%   | 0.047% |
| 166 | 12.458 | 12.417 | 12.538 | VV | 38540  | 546277  | 8.06%   | 0.253% |
| 167 | 12.577 | 12.538 | 12.611 | PV | 3011   | 70484   | 1.04%   | 0.033% |
| 168 | 12.627 | 12.611 | 12.637 | VV | 1283   | 17206   | 0.25%   | 0.008% |
| 169 | 12.654 | 12.637 | 12.671 | VV | 1385   | 20256   | 0.30%   | 0.009% |
| 170 | 12.692 | 12.671 | 12.729 | VV | 3434   | 52631   | 0.78%   | 0.024% |
| 171 | 12.739 | 12.729 | 12.748 | VV | 356    | 3148    | 0.05%   | 0.001% |
| 172 | 12.799 | 12.748 | 12.817 | VV | 9158   | 156532  | 2.31%   | 0.072% |
| 173 | 12.838 | 12.817 | 12.890 | VV | 12903  | 216282  | 3.19%   | 0.100% |
| 174 | 12.916 | 12.890 | 12.972 | VV | 129913 | 1644668 | 24.28%  | 0.762% |
| 175 | 12.985 | 12.972 | 13.000 | VV | 2372   | 30488   | 0.45%   | 0.014% |
| 176 | 13.016 | 13.000 | 13.029 | VV | 1750   | 23667   | 0.35%   | 0.011% |
| 177 | 13.040 | 13.029 | 13.055 | VV | 1219   | 15759   | 0.23%   | 0.007% |
| 178 | 13.076 | 13.055 | 13.087 | VV | 1884   | 27094   | 0.40%   | 0.013% |
| 179 | 13.108 | 13.087 | 13.145 | VV | 4540   | 94218   | 1.39%   | 0.044% |
| 180 | 13.160 | 13.145 | 13.183 | VV | 2074   | 33078   | 0.49%   | 0.015% |
| 181 | 13.214 | 13.183 | 13.253 | PV | 112522 | 1383852 | 20.43%  | 0.641% |
| 182 | 13.288 | 13.253 | 13.371 | VV | 446905 | 5688378 | 83.97%  | 2.634% |
| 183 | 13.397 | 13.371 | 13.416 | VV | 4069   | 70158   | 1.04%   | 0.032% |
| 184 | 13.450 | 13.416 | 13.471 | VV | 11035  | 166216  | 2.45%   | 0.077% |
| 185 | 13.500 | 13.471 | 13.512 | VV | 8017   | 155268  | 2.29%   | 0.072% |
| 186 | 13.521 | 13.512 | 13.535 | VV | 7736   | 103781  | 1.53%   | 0.048% |
| 187 | 13.547 | 13.535 | 13.586 | VV | 7177   | 154936  | 2.29%   | 0.072% |
| 188 | 13.607 | 13.586 | 13.651 | VV | 3191   | 91381   | 1.35%   | 0.042% |
| 189 | 13.685 | 13.651 | 13.743 | VV | 12875  | 250157  | 3.69%   | 0.116% |
| 190 | 13.759 | 13.743 | 13.770 | VV | 1382   | 15010   | 0.22%   | 0.007% |
| 191 | 13.811 | 13.770 | 13.856 | VV | 18061  | 343270  | 5.07%   | 0.159% |
| 192 | 13.869 | 13.856 | 13.891 | VV | 2812   | 40120   | 0.59%   | 0.019% |
| 193 | 13.917 | 13.891 | 13.941 | VV | 14933  | 215405  | 3.18%   | 0.100% |
| 194 | 13.958 | 13.941 | 13.971 | VV | 9599   | 127535  | 1.88%   | 0.059% |

|     |        |        |        |    |        |         |        |        |
|-----|--------|--------|--------|----|--------|---------|--------|--------|
|     |        |        |        |    | rteres |         |        |        |
| 195 | 13.988 | 13.971 | 14.012 | VV | 10186  | 163016  | 2.41%  | 0.075% |
| 196 | 14.036 | 14.012 | 14.065 | VV | 16459  | 278586  | 4.11%  | 0.129% |
| 197 | 14.084 | 14.065 | 14.111 | VV | 10759  | 172985  | 2.55%  | 0.080% |
| 198 | 14.128 | 14.111 | 14.149 | VV | 5875   | 83941   | 1.24%  | 0.039% |
| 199 | 14.181 | 14.149 | 14.221 | VV | 3177   | 79486   | 1.17%  | 0.037% |
| 200 | 14.251 | 14.221 | 14.261 | PV | 3640   | 48240   | 0.71%  | 0.022% |
| 201 | 14.270 | 14.261 | 14.293 | VV | 3073   | 43703   | 0.65%  | 0.020% |
| 202 | 14.306 | 14.293 | 14.324 | VV | 1949   | 25080   | 0.37%  | 0.012% |
| 203 | 14.336 | 14.324 | 14.343 | VV | 2323   | 18256   | 0.27%  | 0.008% |
| 204 | 14.348 | 14.343 | 14.373 | VV | 1821   | 19431   | 0.29%  | 0.009% |
| 205 | 14.394 | 14.373 | 14.406 | PV | 3137   | 36749   | 0.54%  | 0.017% |
| 206 | 14.450 | 14.406 | 14.462 | VV | 4318   | 96249   | 1.42%  | 0.045% |
| 207 | 14.542 | 14.462 | 14.570 | VV | 9861   | 262868  | 3.88%  | 0.122% |
| 208 | 14.598 | 14.570 | 14.624 | VV | 13669  | 207810  | 3.07%  | 0.096% |
| 209 | 14.657 | 14.624 | 14.691 | VV | 7726   | 179088  | 2.64%  | 0.083% |
| 210 | 14.731 | 14.691 | 14.762 | VV | 7706   | 171627  | 2.53%  | 0.079% |
| 211 | 14.788 | 14.762 | 14.829 | VV | 12161  | 242187  | 3.58%  | 0.112% |
| 212 | 14.851 | 14.829 | 14.879 | VV | 6341   | 119031  | 1.76%  | 0.055% |
| 213 | 14.904 | 14.879 | 14.930 | VV | 3745   | 70670   | 1.04%  | 0.033% |
| 214 | 14.949 | 14.930 | 14.962 | VV | 2652   | 24057   | 0.36%  | 0.011% |
| 215 | 14.990 | 14.962 | 15.011 | PV | 3919   | 66985   | 0.99%  | 0.031% |
| 216 | 15.021 | 15.011 | 15.036 | VV | 1754   | 18356   | 0.27%  | 0.008% |
| 217 | 15.101 | 15.036 | 15.120 | VV | 45823  | 659216  | 9.73%  | 0.305% |
| 218 | 15.140 | 15.120 | 15.201 | VV | 59233  | 1073364 | 15.84% | 0.497% |
| 219 | 15.261 | 15.201 | 15.289 | VV | 18482  | 425019  | 6.27%  | 0.197% |
| 220 | 15.303 | 15.289 | 15.321 | VV | 5622   | 88101   | 1.30%  | 0.041% |
| 221 | 15.335 | 15.321 | 15.370 | VV | 3726   | 63927   | 0.94%  | 0.030% |
| 222 | 15.405 | 15.370 | 15.417 | PV | 3170   | 55725   | 0.82%  | 0.026% |
| 223 | 15.453 | 15.417 | 15.498 | VV | 6869   | 187290  | 2.76%  | 0.087% |
| 224 | 15.527 | 15.498 | 15.549 | VV | 12950  | 213904  | 3.16%  | 0.099% |
| 225 | 15.565 | 15.549 | 15.625 | VV | 7267   | 161087  | 2.38%  | 0.075% |
| 226 | 15.658 | 15.625 | 15.708 | PV | 17128  | 398115  | 5.88%  | 0.184% |
| 227 | 15.731 | 15.708 | 15.745 | VV | 5156   | 77254   | 1.14%  | 0.036% |
| 228 | 15.779 | 15.745 | 15.808 | VV | 12916  | 255793  | 3.78%  | 0.118% |
| 229 | 15.820 | 15.808 | 15.850 | VV | 3670   | 67982   | 1.00%  | 0.031% |
| 230 | 15.874 | 15.850 | 15.898 | VV | 5258   | 91675   | 1.35%  | 0.042% |
| 231 | 15.923 | 15.898 | 15.952 | VV | 11349  | 235973  | 3.48%  | 0.109% |
| 232 | 15.963 | 15.952 | 15.995 | VV | 6278   | 111134  | 1.64%  | 0.051% |
| 233 | 16.011 | 15.995 | 16.031 | VV | 4750   | 71134   | 1.05%  | 0.033% |
| 234 | 16.065 | 16.031 | 16.075 | VV | 2760   | 50424   | 0.74%  | 0.023% |
| 235 | 16.089 | 16.075 | 16.096 | VV | 2404   | 22066   | 0.33%  | 0.010% |
| 236 | 16.123 | 16.096 | 16.130 | VV | 3642   | 55332   | 0.82%  | 0.026% |
| 237 | 16.159 | 16.130 | 16.181 | VV | 19559  | 291462  | 4.30%  | 0.135% |
| 238 | 16.222 | 16.181 | 16.263 | VV | 5034   | 190801  | 2.82%  | 0.088% |
| 239 | 16.275 | 16.263 | 16.288 | VV | 2219   | 21719   | 0.32%  | 0.010% |
| 240 | 16.305 | 16.288 | 16.314 | VV | 1934   | 19416   | 0.29%  | 0.009% |
| 241 | 16.357 | 16.314 | 16.391 | VV | 7224   | 231665  | 3.42%  | 0.107% |
| 242 | 16.471 | 16.391 | 16.498 | VV | 9305   | 414260  | 6.12%  | 0.192% |
| 243 | 16.511 | 16.498 | 16.521 | VV | 5632   | 72454   | 1.07%  | 0.034% |
| 244 | 16.544 | 16.521 | 16.591 | VV | 8310   | 289227  | 4.27%  | 0.134% |
| 245 | 16.606 | 16.591 | 16.618 | VV | 7000   | 101873  | 1.50%  | 0.047% |
| 246 | 16.643 | 16.618 | 16.650 | VV | 25709  | 325034  | 4.80%  | 0.150% |

| rteres |        |        |        |    |       |         |        |        |
|--------|--------|--------|--------|----|-------|---------|--------|--------|
| 247    | 16.668 | 16.650 | 16.748 | VV | 52154 | 1532168 | 22.62% | 0.709% |
| 248    | 16.785 | 16.748 | 16.830 | VV | 30275 | 1060818 | 15.66% | 0.491% |
| 249    | 16.851 | 16.830 | 16.887 | VV | 21067 | 557399  | 8.23%  | 0.258% |
| 250    | 16.906 | 16.887 | 16.917 | VV | 13259 | 237044  | 3.50%  | 0.110% |
| 251    | 16.991 | 16.917 | 17.031 | VV | 41238 | 1432529 | 21.15% | 0.663% |
| 252    | 17.055 | 17.031 | 17.079 | VV | 37999 | 783438  | 11.56% | 0.363% |
| 253    | 17.109 | 17.079 | 17.144 | VV | 43715 | 1271522 | 18.77% | 0.589% |
| 254    | 17.160 | 17.144 | 17.179 | VV | 32781 | 593651  | 8.76%  | 0.275% |
| 255    | 17.195 | 17.179 | 17.228 | VV | 24640 | 605698  | 8.94%  | 0.280% |
| 256    | 17.239 | 17.228 | 17.255 | VV | 18867 | 278954  | 4.12%  | 0.129% |
| 257    | 17.285 | 17.255 | 17.293 | VV | 25528 | 517642  | 7.64%  | 0.240% |
| 258    | 17.350 | 17.293 | 17.371 | VV | 30620 | 1198073 | 17.69% | 0.555% |
| 259    | 17.427 | 17.371 | 17.472 | VV | 33527 | 1696531 | 25.04% | 0.786% |
| 260    | 17.519 | 17.472 | 17.533 | VV | 36673 | 1124913 | 16.61% | 0.521% |
| 261    | 17.558 | 17.533 | 17.579 | VV | 47623 | 1043422 | 15.40% | 0.483% |
| 262    | 17.588 | 17.579 | 17.611 | VV | 34994 | 627277  | 9.26%  | 0.290% |
| 263    | 17.622 | 17.611 | 17.641 | VV | 33180 | 557848  | 8.23%  | 0.258% |
| 264    | 17.668 | 17.641 | 17.695 | VV | 39645 | 1053227 | 15.55% | 0.488% |
| 265    | 17.721 | 17.695 | 17.807 | VV | 36798 | 2055486 | 30.34% | 0.952% |
| 266    | 17.852 | 17.807 | 17.866 | VV | 32190 | 1053630 | 15.55% | 0.488% |
| 267    | 17.897 | 17.866 | 17.913 | VV | 39895 | 981651  | 14.49% | 0.455% |
| 268    | 17.962 | 17.913 | 17.975 | VV | 43910 | 1453604 | 21.46% | 0.673% |
| 269    | 17.997 | 17.975 | 18.025 | VV | 66202 | 1449752 | 21.40% | 0.671% |
| 270    | 18.035 | 18.025 | 18.071 | VV | 38177 | 966281  | 14.26% | 0.447% |
| 271    | 18.138 | 18.071 | 18.212 | VV | 78769 | 3936274 | 58.11% | 1.823% |
| 272    | 18.220 | 18.212 | 18.251 | VV | 39165 | 862337  | 12.73% | 0.399% |
| 273    | 18.349 | 18.251 | 18.365 | VV | 52152 | 2983288 | 44.04% | 1.381% |
| 274    | 18.370 | 18.365 | 18.397 | VV | 51300 | 911135  | 13.45% | 0.422% |
| 275    | 18.420 | 18.397 | 18.438 | VV | 58924 | 1238661 | 18.28% | 0.574% |
| 276    | 18.451 | 18.438 | 18.461 | VV | 49374 | 658721  | 9.72%  | 0.305% |
| 277    | 18.506 | 18.461 | 18.568 | VV | 84792 | 3557250 | 52.51% | 1.647% |
| 278    | 18.583 | 18.568 | 18.598 | VV | 47988 | 831210  | 12.27% | 0.385% |
| 279    | 18.607 | 18.598 | 18.621 | VV | 45655 | 636348  | 9.39%  | 0.295% |
| 280    | 18.635 | 18.621 | 18.655 | VV | 49215 | 924485  | 13.65% | 0.428% |
| 281    | 18.668 | 18.655 | 18.680 | VV | 49768 | 726792  | 10.73% | 0.337% |
| 282    | 18.698 | 18.680 | 18.753 | VV | 56975 | 2185530 | 32.26% | 1.012% |
| 283    | 18.828 | 18.753 | 18.872 | VV | 73391 | 3819736 | 56.39% | 1.769% |
| 284    | 18.884 | 18.872 | 18.901 | VV | 49584 | 846297  | 12.49% | 0.392% |
| 285    | 18.929 | 18.901 | 18.954 | VV | 80855 | 2023857 | 29.88% | 0.937% |
| 286    | 18.977 | 18.954 | 19.041 | VV | 76682 | 3133697 | 46.26% | 1.451% |
| 287    | 19.112 | 19.041 | 19.126 | VV | 61948 | 2825390 | 41.71% | 1.308% |
| 288    | 19.139 | 19.126 | 19.167 | VV | 59115 | 1405972 | 20.75% | 0.651% |
| 289    | 19.189 | 19.167 | 19.207 | VV | 63504 | 1395138 | 20.59% | 0.646% |
| 290    | 19.227 | 19.207 | 19.241 | VV | 74439 | 1396613 | 20.62% | 0.647% |
| 291    | 19.256 | 19.241 | 19.287 | VV | 74029 | 1799282 | 26.56% | 0.833% |
| 292    | 19.327 | 19.287 | 19.360 | VV | 74458 | 2730081 | 40.30% | 1.264% |
| 293    | 19.404 | 19.360 | 19.418 | VV | 65764 | 2181829 | 32.21% | 1.010% |
| 294    | 19.437 | 19.418 | 19.463 | VV | 66050 | 1669187 | 24.64% | 0.773% |
| 295    | 19.528 | 19.463 | 19.562 | VV | 66244 | 3748726 | 55.34% | 1.736% |
| 296    | 19.634 | 19.562 | 19.681 | VV | 86531 | 5310642 | 78.39% | 2.459% |
| 297    | 19.687 | 19.681 | 19.708 | VV | 69223 | 1073412 | 15.85% | 0.497% |
| 298    | 19.736 | 19.708 | 19.763 | VV | 81329 | 2404577 | 35.50% | 1.113% |
| 299    | 19.776 | 19.763 | 19.784 | VV | 69306 | 830141  | 12.25% | 0.384% |

|                         |        |        |        |    |        |           |        |        |
|-------------------------|--------|--------|--------|----|--------|-----------|--------|--------|
|                         |        |        |        |    | rteres |           |        |        |
| 300                     | 19.823 | 19.784 | 19.835 | VV | 74778  | 2209316   | 32.61% | 1.023% |
| 301                     | 19.895 | 19.835 | 19.919 | VV | 81474  | 3857512   | 56.94% | 1.786% |
| 302                     | 19.989 | 19.919 | 20.011 | VV | 95751  | 4762786   | 70.31% | 2.205% |
| 303                     | 20.030 | 20.011 | 20.050 | VV | 91188  | 2014938   | 29.74% | 0.933% |
| 304                     | 20.064 | 20.050 | 20.076 | VV | 80759  | 1228077   | 18.13% | 0.569% |
| 305                     | 20.145 | 20.076 | 20.191 | VV | 93782  | 5923340   | 87.44% | 2.743% |
| 306                     | 20.227 | 20.191 | 20.237 | VV | 94706  | 2513104   | 37.10% | 1.164% |
| 307                     | 20.255 | 20.237 | 20.301 | VV | 103772 | 3728378   | 55.04% | 1.726% |
| 308                     | 20.352 | 20.301 | 20.382 | VV | 113163 | 4860520   | 71.75% | 2.250% |
| 309                     | 20.421 | 20.382 | 20.445 | VV | 110096 | 3912291   | 57.75% | 1.811% |
| 310                     | 20.458 | 20.445 | 20.471 | VV | 102379 | 1601096   | 23.64% | 0.741% |
| 311                     | 20.485 | 20.471 | 20.503 | VV | 102862 | 1894559   | 27.97% | 0.877% |
| 312                     | 20.556 | 20.503 | 20.578 | VV | 111206 | 4738523   | 69.95% | 2.194% |
| 313                     | 20.612 | 20.578 | 20.631 | VV | 110081 | 3423927   | 50.54% | 1.585% |
| 314                     | 20.664 | 20.631 | 20.678 | VV | 110080 | 3081432   | 45.49% | 1.427% |
| 315                     | 20.708 | 20.678 | 20.741 | VV | 124456 | 4256650   | 62.84% | 1.971% |
| 316                     | 20.751 | 20.741 | 20.781 | VV | 111297 | 2585224   | 38.16% | 1.197% |
| 317                     | 20.820 | 20.781 | 20.835 | VV | 112075 | 3454283   | 50.99% | 1.599% |
| 318                     | 20.844 | 20.835 | 20.881 | VV | 106785 | 2872819   | 42.41% | 1.330% |
| 319                     | 20.898 | 20.881 | 20.939 | VV | 101611 | 3468896   | 51.21% | 1.606% |
| 320                     | 20.948 | 20.939 | 21.020 | VV | 97538  | 4355625   | 64.30% | 2.017% |
| 321                     | 21.042 | 21.020 | 21.053 | VV | 85476  | 1644334   | 24.27% | 0.761% |
| 322                     | 21.080 | 21.053 | 21.148 | VV | 94435  | 4877052   | 71.99% | 2.258% |
| 323                     | 21.158 | 21.148 | 21.225 | VV | 80006  | 3478881   | 51.35% | 1.611% |
| 324                     | 21.250 | 21.225 | 21.268 | VV | 70373  | 1771275   | 26.15% | 0.820% |
| 325                     | 21.275 | 21.268 | 21.302 | VV | 71349  | 1368017   | 20.19% | 0.633% |
| 326                     | 21.310 | 21.302 | 21.332 | VV | 62639  | 1107104   | 16.34% | 0.513% |
| 327                     | 21.347 | 21.332 | 21.386 | VV | 60456  | 1865372   | 27.54% | 0.864% |
| 328                     | 21.393 | 21.386 | 21.413 | VV | 56788  | 914510    | 13.50% | 0.423% |
| 329                     | 21.422 | 21.413 | 21.455 | VV | 56925  | 1336218   | 19.72% | 0.619% |
| 330                     | 21.492 | 21.455 | 21.537 | VV | 60132  | 2557042   | 37.75% | 1.184% |
| 331                     | 21.548 | 21.537 | 21.566 | VV | 42784  | 694989    | 10.26% | 0.322% |
| 332                     | 21.596 | 21.566 | 21.661 | VV | 43794  | 2120854   | 31.31% | 0.982% |
| 333                     | 21.675 | 21.661 | 21.688 | VV | 29926  | 467079    | 6.89%  | 0.216% |
| 334                     | 21.718 | 21.688 | 21.728 | VV | 29537  | 690248    | 10.19% | 0.320% |
| 335                     | 21.740 | 21.728 | 21.761 | VV | 31078  | 569883    | 8.41%  | 0.264% |
| 336                     | 21.774 | 21.761 | 21.791 | VV | 27034  | 469663    | 6.93%  | 0.217% |
| 337                     | 21.802 | 21.791 | 21.853 | VV | 25958  | 820223    | 12.11% | 0.380% |
| 338                     | 21.867 | 21.853 | 21.905 | VV | 19011  | 496093    | 7.32%  | 0.230% |
| 339                     | 21.911 | 21.905 | 21.929 | VV | 14728  | 185265    | 2.73%  | 0.086% |
| 340                     | 21.939 | 21.929 | 21.946 | VV | 14640  | 134146    | 1.98%  | 0.062% |
| 341                     | 21.964 | 21.946 | 22.045 | VV | 17175  | 453411    | 6.69%  | 0.210% |
| Sum of corrected areas: |        |        |        |    |        | 215976132 |        |        |

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