

rteres

## Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE052725AL\  
 Data File : FE054034.D  
 Signal(s) : FID1B.ch  
 Acq On : 27 May 2025 22:23  
 Sample : Q2127-19  
 Misc :  
 ALS Vial : 23 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 051425.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         | 2.828       | 2.804        | 2.854      | BV       | 226            | 4075         | 0.05%          | 0.003%        |
| 2         | 2.878       | 2.854        | 2.935      | VV       | 737            | 11171        | 0.15%          | 0.008%        |
| 3         | 2.954       | 2.935        | 3.018      | VV       | 154            | 4132         | 0.06%          | 0.003%        |
| 4         | 3.054       | 3.018        | 3.074      | PV       | 86             | 1384         | 0.02%          | 0.001%        |
| 5         | 3.107       | 3.074        | 3.146      | PV       | 144            | 2655         | 0.04%          | 0.002%        |
| 6         | 3.188       | 3.146        | 3.291      | VV       | 649            | 15565        | 0.21%          | 0.012%        |
| 7         | 3.307       | 3.291        | 3.350      | VV       | 160            | 3610         | 0.05%          | 0.003%        |
| 8         | 3.361       | 3.350        | 3.377      | VV       | 150            | 1740         | 0.02%          | 0.001%        |
| 9         | 3.402       | 3.377        | 3.415      | VV       | 180            | 2566         | 0.03%          | 0.002%        |
| 10        | 3.436       | 3.415        | 3.460      | VV       | 151            | 2507         | 0.03%          | 0.002%        |
| 11        | 3.468       | 3.460        | 3.479      | VV       | 96             | 641          | 0.01%          | 0.000%        |
| 12        | 3.504       | 3.479        | 3.571      | PV       | 256            | 6839         | 0.09%          | 0.005%        |
| 13        | 3.586       | 3.571        | 3.613      | VV       | 168            | 2271         | 0.03%          | 0.002%        |
| 14        | 3.638       | 3.613        | 3.663      | VV       | 398            | 6894         | 0.09%          | 0.005%        |
| 15        | 3.678       | 3.663        | 3.705      | VV       | 441            | 7109         | 0.10%          | 0.005%        |
| 16        | 3.721       | 3.705        | 3.754      | VV       | 346            | 4996         | 0.07%          | 0.004%        |
| 17        | 3.779       | 3.754        | 3.791      | PV       | 408            | 4788         | 0.06%          | 0.004%        |
| 18        | 3.804       | 3.791        | 3.858      | VV       | 476            | 10270        | 0.14%          | 0.008%        |
| 19        | 3.879       | 3.858        | 3.940      | PV       | 587            | 10427        | 0.14%          | 0.008%        |
| 20        | 3.986       | 3.940        | 4.006      | VV       | 523            | 9222         | 0.12%          | 0.007%        |
| 21        | 4.024       | 4.006        | 4.039      | VV       | 321            | 4561         | 0.06%          | 0.003%        |
| 22        | 4.055       | 4.039        | 4.068      | VV       | 287            | 3617         | 0.05%          | 0.003%        |
| 23        | 4.091       | 4.068        | 4.124      | VV       | 420            | 6775         | 0.09%          | 0.005%        |
| 24        | 4.175       | 4.124        | 4.212      | VV       | 1044           | 25797        | 0.35%          | 0.019%        |
| 25        | 4.217       | 4.212        | 4.301      | VV       | 579            | 12723        | 0.17%          | 0.010%        |
| 26        | 4.343       | 4.301        | 4.373      | PV       | 284            | 5445         | 0.07%          | 0.004%        |
| 27        | 4.391       | 4.373        | 4.431      | VV       | 362            | 5305         | 0.07%          | 0.004%        |
| 28        | 4.453       | 4.431        | 4.473      | VV       | 723            | 10072        | 0.14%          | 0.008%        |
| 29        | 4.490       | 4.473        | 4.506      | VV       | 577            | 6261         | 0.08%          | 0.005%        |
| 30        | 4.525       | 4.506        | 4.548      | VV       | 342            | 4255         | 0.06%          | 0.003%        |
| 31        | 4.571       | 4.548        | 4.588      | VV       | 132            | 1322         | 0.02%          | 0.001%        |
| 32        | 4.610       | 4.588        | 4.623      | VV       | 838            | 9414         | 0.13%          | 0.007%        |
| 33        | 4.644       | 4.623        | 4.674      | VV       | 804            | 17898        | 0.24%          | 0.013%        |
| 34        | 4.690       | 4.674        | 4.724      | VV       | 853            | 18409        | 0.25%          | 0.014%        |
| 35        | 4.738       | 4.724        | 4.777      | VV       | 882            | 15953        | 0.22%          | 0.012%        |
| 36        | 4.792       | 4.777        | 4.801      | VV       | 296            | 3776         | 0.05%          | 0.003%        |

|    |       |       |       |    |        |        |       |        |
|----|-------|-------|-------|----|--------|--------|-------|--------|
|    |       |       |       |    | rteres |        |       |        |
| 37 | 4.812 | 4.801 | 4.830 | VV | 349    | 4337   | 0.06% | 0.003% |
| 38 | 4.848 | 4.830 | 4.859 | VV | 385    | 5120   | 0.07% | 0.004% |
| 39 | 4.878 | 4.859 | 4.902 | VV | 466    | 9678   | 0.13% | 0.007% |
| 40 | 4.917 | 4.902 | 4.944 | VV | 635    | 10027  | 0.14% | 0.008% |
| 41 | 4.962 | 4.944 | 5.004 | VV | 1254   | 17140  | 0.23% | 0.013% |
| 42 | 5.016 | 5.004 | 5.021 | VV | 130    | 772    | 0.01% | 0.001% |
| 43 | 5.039 | 5.021 | 5.055 | VV | 405    | 3785   | 0.05% | 0.003% |
| 44 | 5.071 | 5.055 | 5.101 | PV | 200    | 2087   | 0.03% | 0.002% |
| 45 | 5.135 | 5.101 | 5.146 | VV | 411    | 4819   | 0.06% | 0.004% |
| 46 | 5.164 | 5.146 | 5.192 | VV | 627    | 10814  | 0.15% | 0.008% |
| 47 | 5.212 | 5.192 | 5.225 | VV | 921    | 11184  | 0.15% | 0.008% |
| 48 | 5.246 | 5.225 | 5.269 | VV | 1022   | 18610  | 0.25% | 0.014% |
| 49 | 5.279 | 5.269 | 5.313 | VV | 490    | 7934   | 0.11% | 0.006% |
| 50 | 5.342 | 5.313 | 5.357 | VV | 354    | 6379   | 0.09% | 0.005% |
| 51 | 5.373 | 5.357 | 5.388 | VV | 474    | 6339   | 0.09% | 0.005% |
| 52 | 5.454 | 5.388 | 5.521 | VV | 1038   | 40932  | 0.55% | 0.031% |
| 53 | 5.535 | 5.521 | 5.549 | VV | 367    | 4508   | 0.06% | 0.003% |
| 54 | 5.561 | 5.549 | 5.574 | VV | 231    | 2218   | 0.03% | 0.002% |
| 55 | 5.603 | 5.574 | 5.621 | PV | 2343   | 35172  | 0.47% | 0.027% |
| 56 | 5.631 | 5.621 | 5.659 | VV | 884    | 13546  | 0.18% | 0.010% |
| 57 | 5.675 | 5.659 | 5.706 | VV | 363    | 7835   | 0.11% | 0.006% |
| 58 | 5.721 | 5.706 | 5.737 | VV | 373    | 5111   | 0.07% | 0.004% |
| 59 | 5.778 | 5.737 | 5.816 | VV | 1633   | 36621  | 0.49% | 0.028% |
| 60 | 5.824 | 5.816 | 5.844 | VV | 526    | 7444   | 0.10% | 0.006% |
| 61 | 5.862 | 5.844 | 5.870 | VV | 668    | 7818   | 0.11% | 0.006% |
| 62 | 5.891 | 5.870 | 5.932 | VV | 2483   | 59112  | 0.80% | 0.045% |
| 63 | 5.947 | 5.932 | 5.978 | VV | 1817   | 29817  | 0.40% | 0.022% |
| 64 | 5.988 | 5.978 | 6.060 | VV | 808    | 21755  | 0.29% | 0.016% |
| 65 | 6.081 | 6.060 | 6.104 | PV | 969    | 12772  | 0.17% | 0.010% |
| 66 | 6.129 | 6.104 | 6.151 | VV | 1087   | 19349  | 0.26% | 0.015% |
| 67 | 6.174 | 6.151 | 6.253 | VV | 27604  | 465931 | 6.28% | 0.351% |
| 68 | 6.265 | 6.253 | 6.293 | VV | 1730   | 32918  | 0.44% | 0.025% |
| 69 | 6.314 | 6.293 | 6.338 | VV | 1948   | 36459  | 0.49% | 0.027% |
| 70 | 6.355 | 6.338 | 6.385 | VV | 1319   | 30039  | 0.40% | 0.023% |
| 71 | 6.402 | 6.385 | 6.436 | VV | 1420   | 32681  | 0.44% | 0.025% |
| 72 | 6.449 | 6.436 | 6.494 | VV | 1100   | 27741  | 0.37% | 0.021% |
| 73 | 6.505 | 6.494 | 6.521 | VV | 723    | 10508  | 0.14% | 0.008% |
| 74 | 6.550 | 6.521 | 6.563 | VV | 1208   | 22079  | 0.30% | 0.017% |
| 75 | 6.570 | 6.563 | 6.614 | VV | 1053   | 20824  | 0.28% | 0.016% |
| 76 | 6.635 | 6.614 | 6.683 | VV | 990    | 23091  | 0.31% | 0.017% |
| 77 | 6.715 | 6.683 | 6.738 | PV | 787    | 15394  | 0.21% | 0.012% |
| 78 | 6.757 | 6.738 | 6.769 | VV | 1092   | 15200  | 0.20% | 0.011% |
| 79 | 6.788 | 6.769 | 6.810 | VV | 2344   | 35282  | 0.48% | 0.027% |
| 80 | 6.821 | 6.810 | 6.850 | VV | 1037   | 17506  | 0.24% | 0.013% |
| 81 | 6.862 | 6.850 | 6.874 | VV | 462    | 4853   | 0.07% | 0.004% |
| 82 | 6.888 | 6.874 | 6.904 | VV | 576    | 7423   | 0.10% | 0.006% |
| 83 | 6.920 | 6.904 | 6.937 | VV | 957    | 11328  | 0.15% | 0.009% |
| 84 | 6.961 | 6.937 | 6.981 | VV | 1458   | 21993  | 0.30% | 0.017% |
| 85 | 6.995 | 6.981 | 7.011 | VV | 891    | 12701  | 0.17% | 0.010% |
| 86 | 7.041 | 7.011 | 7.073 | VV | 1806   | 36204  | 0.49% | 0.027% |
| 87 | 7.094 | 7.073 | 7.114 | VV | 954    | 17045  | 0.23% | 0.013% |
| 88 | 7.172 | 7.114 | 7.189 | VV | 1579   | 42267  | 0.57% | 0.032% |
| 89 | 7.208 | 7.189 | 7.240 | VV | 2028   | 37696  | 0.51% | 0.028% |

|     |        |        |        |    |        |        |       |        |
|-----|--------|--------|--------|----|--------|--------|-------|--------|
|     |        |        |        |    | rteres |        |       |        |
| 90  | 7.275  | 7.240  | 7.336  | VV | 22856  | 370256 | 4.99% | 0.279% |
| 91  | 7.360  | 7.336  | 7.388  | VV | 4537   | 85993  | 1.16% | 0.065% |
| 92  | 7.411  | 7.388  | 7.446  | VV | 19692  | 263473 | 3.55% | 0.199% |
| 93  | 7.455  | 7.446  | 7.513  | VV | 1853   | 48023  | 0.65% | 0.036% |
| 94  | 7.585  | 7.513  | 7.612  | VV | 1614   | 57775  | 0.78% | 0.044% |
| 95  | 7.643  | 7.612  | 7.654  | VV | 1112   | 20991  | 0.28% | 0.016% |
| 96  | 7.667  | 7.654  | 7.700  | VV | 1007   | 18091  | 0.24% | 0.014% |
| 97  | 7.716  | 7.700  | 7.732  | VV | 531    | 8722   | 0.12% | 0.007% |
| 98  | 7.761  | 7.732  | 7.791  | VV | 2287   | 34410  | 0.46% | 0.026% |
| 99  | 7.811  | 7.791  | 7.834  | VV | 786    | 10914  | 0.15% | 0.008% |
| 100 | 8.019  | 7.994  | 8.096  | VV | 9578   | 256957 | 3.46% | 0.194% |
| 101 | 8.116  | 8.096  | 8.134  | VV | 1990   | 40343  | 0.54% | 0.030% |
| 102 | 8.180  | 8.134  | 8.239  | VV | 5222   | 178477 | 2.41% | 0.135% |
| 103 | 8.289  | 8.239  | 8.361  | VV | 10097  | 284147 | 3.83% | 0.214% |
| 104 | 8.393  | 8.361  | 8.409  | VV | 17372  | 225521 | 3.04% | 0.170% |
| 105 | 8.422  | 8.409  | 8.448  | VV | 10094  | 150086 | 2.02% | 0.113% |
| 106 | 8.463  | 8.448  | 8.523  | VV | 3930   | 114553 | 1.54% | 0.086% |
| 107 | 8.578  | 8.523  | 8.607  | VV | 11888  | 299747 | 4.04% | 0.226% |
| 108 | 8.623  | 8.607  | 8.651  | VV | 6151   | 91724  | 1.24% | 0.069% |
| 109 | 8.670  | 8.651  | 8.701  | VV | 5023   | 78285  | 1.06% | 0.059% |
| 110 | 8.717  | 8.701  | 8.750  | VV | 1819   | 34536  | 0.47% | 0.026% |
| 111 | 8.876  | 8.853  | 8.908  | VV | 36896  | 528772 | 7.13% | 0.399% |
| 112 | 8.925  | 8.908  | 8.974  | VV | 7725   | 194176 | 2.62% | 0.146% |
| 113 | 9.011  | 8.974  | 9.055  | VV | 5770   | 162280 | 2.19% | 0.122% |
| 114 | 9.068  | 9.055  | 9.098  | VV | 2025   | 45431  | 0.61% | 0.034% |
| 115 | 9.122  | 9.098  | 9.139  | VV | 6168   | 92424  | 1.25% | 0.070% |
| 116 | 9.160  | 9.139  | 9.234  | VV | 12544  | 299435 | 4.04% | 0.226% |
| 117 | 9.247  | 9.234  | 9.273  | VV | 2941   | 59201  | 0.80% | 0.045% |
| 118 | 9.294  | 9.273  | 9.315  | VV | 6591   | 103698 | 1.40% | 0.078% |
| 119 | 9.335  | 9.315  | 9.372  | VV | 6983   | 119783 | 1.61% | 0.090% |
| 120 | 9.383  | 9.372  | 9.421  | VV | 1483   | 37915  | 0.51% | 0.029% |
| 121 | 9.448  | 9.421  | 9.468  | VV | 7028   | 95023  | 1.28% | 0.072% |
| 122 | 9.484  | 9.468  | 9.517  | VV | 4265   | 71346  | 0.96% | 0.054% |
| 123 | 9.538  | 9.517  | 9.551  | VV | 2661   | 39724  | 0.54% | 0.030% |
| 124 | 9.586  | 9.551  | 9.614  | VV | 5773   | 125539 | 1.69% | 0.095% |
| 125 | 9.630  | 9.614  | 9.647  | VV | 2609   | 36418  | 0.49% | 0.027% |
| 126 | 9.672  | 9.647  | 9.725  | VV | 24217  | 417675 | 5.63% | 0.315% |
| 127 | 9.749  | 9.725  | 9.780  | VV | 6799   | 123402 | 1.66% | 0.093% |
| 128 | 9.792  | 9.780  | 9.801  | VV | 2532   | 29058  | 0.39% | 0.022% |
| 129 | 9.821  | 9.801  | 9.864  | VV | 5622   | 136491 | 1.84% | 0.103% |
| 130 | 9.880  | 9.864  | 9.924  | VV | 4149   | 90025  | 1.21% | 0.068% |
| 131 | 9.953  | 9.924  | 9.984  | VV | 37165  | 545029 | 7.35% | 0.411% |
| 132 | 9.993  | 9.984  | 10.036 | VV | 7404   | 153941 | 2.08% | 0.116% |
| 133 | 10.043 | 10.036 | 10.062 | VV | 2966   | 40927  | 0.55% | 0.031% |
| 134 | 10.084 | 10.062 | 10.141 | VV | 4331   | 134226 | 1.81% | 0.101% |
| 135 | 10.157 | 10.141 | 10.171 | VV | 1652   | 27479  | 0.37% | 0.021% |
| 136 | 10.188 | 10.171 | 10.222 | VV | 1888   | 36462  | 0.49% | 0.027% |
| 137 | 10.256 | 10.222 | 10.321 | VV | 2004   | 45652  | 0.62% | 0.034% |
| 138 | 10.367 | 10.321 | 10.396 | PV | 808    | 18090  | 0.24% | 0.014% |
| 139 | 10.421 | 10.396 | 10.446 | VV | 4011   | 59361  | 0.80% | 0.045% |
| 140 | 10.470 | 10.446 | 10.497 | VV | 2934   | 49594  | 0.67% | 0.037% |
| 141 | 10.526 | 10.497 | 10.537 | VV | 3934   | 54629  | 0.74% | 0.041% |

|     |        |        |        |    | rteres |         |        |        |
|-----|--------|--------|--------|----|--------|---------|--------|--------|
| 142 | 10.558 | 10.537 | 10.582 | VV | 7983   | 135763  | 1.83%  | 0.102% |
| 143 | 10.601 | 10.582 | 10.638 | VV | 6551   | 111278  | 1.50%  | 0.084% |
| 144 | 10.674 | 10.638 | 10.717 | VV | 6548   | 135111  | 1.82%  | 0.102% |
| 145 | 10.751 | 10.717 | 10.785 | VV | 2680   | 83654   | 1.13%  | 0.063% |
| 146 | 10.844 | 10.785 | 10.861 | VV | 4101   | 114421  | 1.54%  | 0.086% |
| 147 | 10.891 | 10.861 | 10.938 | VV | 8591   | 189150  | 2.55%  | 0.143% |
| 148 | 10.952 | 10.938 | 10.994 | VV | 1609   | 37282   | 0.50%  | 0.028% |
| 149 | 11.015 | 10.994 | 11.030 | VV | 854    | 13934   | 0.19%  | 0.011% |
| 150 | 11.080 | 11.030 | 11.136 | VV | 102239 | 1337882 | 18.03% | 1.008% |
| 151 | 11.161 | 11.136 | 11.318 | VV | 22127  | 434489  | 5.86%  | 0.327% |
| 152 | 11.336 | 11.318 | 11.364 | VV | 444    | 5706    | 0.08%  | 0.004% |
| 153 | 11.393 | 11.364 | 11.417 | PV | 9719   | 151712  | 2.05%  | 0.114% |
| 154 | 11.431 | 11.417 | 11.461 | VV | 3704   | 88149   | 1.19%  | 0.066% |
| 155 | 11.476 | 11.461 | 11.499 | VV | 3718   | 60430   | 0.81%  | 0.046% |
| 156 | 11.528 | 11.499 | 11.544 | VV | 2955   | 54571   | 0.74%  | 0.041% |
| 157 | 11.571 | 11.544 | 11.587 | VV | 2400   | 50399   | 0.68%  | 0.038% |
| 158 | 11.613 | 11.587 | 11.656 | VV | 6932   | 124751  | 1.68%  | 0.094% |
| 159 | 11.680 | 11.656 | 11.702 | VV | 2615   | 37723   | 0.51%  | 0.028% |
| 160 | 11.740 | 11.702 | 11.768 | VV | 3843   | 80745   | 1.09%  | 0.061% |
| 161 | 11.773 | 11.768 | 11.808 | VV | 1485   | 22905   | 0.31%  | 0.017% |
| 162 | 11.847 | 11.808 | 11.872 | VV | 616544 | 6789826 | 91.53% | 5.117% |
| 163 | 11.888 | 11.872 | 11.904 | VV | 27267  | 328376  | 4.43%  | 0.247% |
| 164 | 11.921 | 11.904 | 11.967 | VV | 28523  | 432648  | 5.83%  | 0.326% |
| 165 | 12.001 | 11.967 | 12.020 | VV | 22397  | 362287  | 4.88%  | 0.273% |
| 166 | 12.036 | 12.020 | 12.051 | VV | 20236  | 250345  | 3.37%  | 0.189% |
| 167 | 12.068 | 12.051 | 12.118 | VV | 23189  | 333326  | 4.49%  | 0.251% |
| 168 | 12.139 | 12.118 | 12.157 | PV | 1318   | 16227   | 0.22%  | 0.012% |
| 169 | 12.196 | 12.157 | 12.215 | VV | 3073   | 69329   | 0.93%  | 0.052% |
| 170 | 12.225 | 12.215 | 12.242 | VV | 1939   | 21113   | 0.28%  | 0.016% |
| 171 | 12.286 | 12.242 | 12.338 | VV | 3980   | 98259   | 1.32%  | 0.074% |
| 172 | 12.364 | 12.338 | 12.405 | VV | 6119   | 117199  | 1.58%  | 0.088% |
| 173 | 12.425 | 12.405 | 12.473 | VV | 2840   | 60872   | 0.82%  | 0.046% |
| 174 | 12.505 | 12.473 | 12.525 | VV | 2360   | 34614   | 0.47%  | 0.026% |
| 175 | 12.543 | 12.525 | 12.554 | VV | 1601   | 20134   | 0.27%  | 0.015% |
| 176 | 12.587 | 12.554 | 12.597 | VV | 1954   | 42060   | 0.57%  | 0.032% |
| 177 | 12.635 | 12.597 | 12.658 | VV | 6143   | 121176  | 1.63%  | 0.091% |
| 178 | 12.681 | 12.658 | 12.728 | VV | 12939  | 255237  | 3.44%  | 0.192% |
| 179 | 12.790 | 12.728 | 12.811 | VV | 34414  | 528570  | 7.13%  | 0.398% |
| 180 | 12.827 | 12.811 | 12.880 | VV | 14904  | 411093  | 5.54%  | 0.310% |
| 181 | 12.908 | 12.880 | 12.974 | VV | 98926  | 1335391 | 18.00% | 1.006% |
| 182 | 13.005 | 12.974 | 13.021 | PV | 2616   | 34946   | 0.47%  | 0.026% |
| 183 | 13.055 | 13.021 | 13.079 | VV | 5239   | 124113  | 1.67%  | 0.094% |
| 184 | 13.097 | 13.079 | 13.116 | VV | 7608   | 101985  | 1.37%  | 0.077% |
| 185 | 13.153 | 13.116 | 13.180 | VV | 3382   | 106597  | 1.44%  | 0.080% |
| 186 | 13.206 | 13.180 | 13.247 | VV | 97288  | 1207453 | 16.28% | 0.910% |
| 187 | 13.292 | 13.247 | 13.331 | VV | 443680 | 5519658 | 74.40% | 4.160% |
| 188 | 13.340 | 13.331 | 13.363 | VV | 3836   | 64777   | 0.87%  | 0.049% |
| 189 | 13.383 | 13.363 | 13.436 | VV | 3843   | 106376  | 1.43%  | 0.080% |
| 190 | 13.490 | 13.436 | 13.518 | VV | 10067  | 230956  | 3.11%  | 0.174% |
| 191 | 13.540 | 13.518 | 13.581 | VV | 12423  | 207214  | 2.79%  | 0.156% |
| 192 | 13.605 | 13.581 | 13.618 | VV | 7679   | 102027  | 1.38%  | 0.077% |
| 193 | 13.635 | 13.618 | 13.652 | VV | 7859   | 131640  | 1.77%  | 0.099% |
| 194 | 13.672 | 13.652 | 13.698 | VV | 12433  | 222362  | 3.00%  | 0.168% |

|     |        |        |        |    |        |         |        |        |
|-----|--------|--------|--------|----|--------|---------|--------|--------|
|     |        |        |        |    | rteres |         |        |        |
| 195 | 13.710 | 13.698 | 13.741 | VV | 4101   | 66376   | 0.89%  | 0.050% |
| 196 | 13.802 | 13.741 | 13.851 | VV | 27529  | 602943  | 8.13%  | 0.454% |
| 197 | 13.866 | 13.851 | 13.883 | VV | 3105   | 47120   | 0.64%  | 0.036% |
| 198 | 13.909 | 13.883 | 13.930 | VV | 18658  | 264408  | 3.56%  | 0.199% |
| 199 | 13.950 | 13.930 | 14.011 | VV | 19341  | 389981  | 5.26%  | 0.294% |
| 200 | 14.041 | 14.011 | 14.054 | VV | 6611   | 123358  | 1.66%  | 0.093% |
| 201 | 14.078 | 14.054 | 14.100 | VV | 20133  | 310595  | 4.19%  | 0.234% |
| 202 | 14.120 | 14.100 | 14.219 | VV | 15861  | 292414  | 3.94%  | 0.220% |
| 203 | 14.272 | 14.219 | 14.294 | PV | 2656   | 66997   | 0.90%  | 0.050% |
| 204 | 14.310 | 14.294 | 14.346 | VV | 1428   | 24269   | 0.33%  | 0.018% |
| 205 | 14.416 | 14.346 | 14.451 | VV | 4532   | 133251  | 1.80%  | 0.100% |
| 206 | 14.510 | 14.451 | 14.580 | VV | 9259   | 369065  | 4.97%  | 0.278% |
| 207 | 14.612 | 14.580 | 14.626 | VV | 7951   | 142088  | 1.92%  | 0.107% |
| 208 | 14.642 | 14.626 | 14.694 | VV | 9473   | 215026  | 2.90%  | 0.162% |
| 209 | 14.725 | 14.694 | 14.760 | VV | 10719  | 284073  | 3.83%  | 0.214% |
| 210 | 14.781 | 14.760 | 14.804 | VV | 17355  | 286609  | 3.86%  | 0.216% |
| 211 | 14.813 | 14.804 | 14.881 | VV | 6501   | 186591  | 2.52%  | 0.141% |
| 212 | 14.901 | 14.881 | 14.923 | VV | 5556   | 90520   | 1.22%  | 0.068% |
| 213 | 14.943 | 14.923 | 14.960 | VV | 4754   | 81260   | 1.10%  | 0.061% |
| 214 | 14.977 | 14.960 | 15.024 | VV | 4391   | 79046   | 1.07%  | 0.060% |
| 215 | 15.097 | 15.024 | 15.117 | PV | 40072  | 600126  | 8.09%  | 0.452% |
| 216 | 15.137 | 15.117 | 15.224 | VV | 44796  | 777420  | 10.48% | 0.586% |
| 217 | 15.257 | 15.224 | 15.324 | VV | 8914   | 311771  | 4.20%  | 0.235% |
| 218 | 15.337 | 15.324 | 15.354 | VV | 2750   | 46423   | 0.63%  | 0.035% |
| 219 | 15.368 | 15.354 | 15.382 | VV | 2695   | 40091   | 0.54%  | 0.030% |
| 220 | 15.408 | 15.382 | 15.432 | VV | 7137   | 136796  | 1.84%  | 0.103% |
| 221 | 15.449 | 15.432 | 15.472 | VV | 4337   | 76379   | 1.03%  | 0.058% |
| 222 | 15.482 | 15.472 | 15.497 | VV | 1941   | 26552   | 0.36%  | 0.020% |
| 223 | 15.547 | 15.497 | 15.631 | VV | 12560  | 438767  | 5.91%  | 0.331% |
| 224 | 15.684 | 15.631 | 15.707 | VV | 4787   | 121116  | 1.63%  | 0.091% |
| 225 | 15.729 | 15.707 | 15.748 | VV | 5963   | 93607   | 1.26%  | 0.071% |
| 226 | 15.773 | 15.748 | 15.794 | VV | 23923  | 338658  | 4.57%  | 0.255% |
| 227 | 15.811 | 15.794 | 15.843 | VV | 11328  | 189375  | 2.55%  | 0.143% |
| 228 | 15.883 | 15.843 | 15.894 | VV | 5296   | 141588  | 1.91%  | 0.107% |
| 229 | 15.938 | 15.894 | 15.985 | VV | 12559  | 408523  | 5.51%  | 0.308% |
| 230 | 16.008 | 15.985 | 16.035 | VV | 3752   | 80909   | 1.09%  | 0.061% |
| 231 | 16.056 | 16.035 | 16.081 | VV | 2007   | 41008   | 0.55%  | 0.031% |
| 232 | 16.100 | 16.081 | 16.117 | VV | 2387   | 37778   | 0.51%  | 0.028% |
| 233 | 16.131 | 16.117 | 16.154 | VV | 2098   | 36795   | 0.50%  | 0.028% |
| 234 | 16.175 | 16.154 | 16.231 | VV | 4138   | 111123  | 1.50%  | 0.084% |
| 235 | 16.236 | 16.231 | 16.261 | VV | 1305   | 15754   | 0.21%  | 0.012% |
| 236 | 16.276 | 16.261 | 16.298 | VV | 1551   | 18964   | 0.26%  | 0.014% |
| 237 | 16.305 | 16.298 | 16.324 | VV | 760    | 6693    | 0.09%  | 0.005% |
| 238 | 16.373 | 16.324 | 16.397 | PV | 5970   | 119452  | 1.61%  | 0.090% |
| 239 | 16.414 | 16.397 | 16.433 | VV | 3929   | 56527   | 0.76%  | 0.043% |
| 240 | 16.474 | 16.433 | 16.502 | VV | 6279   | 167380  | 2.26%  | 0.126% |
| 241 | 16.577 | 16.502 | 16.610 | VV | 9033   | 328213  | 4.42%  | 0.247% |
| 242 | 16.664 | 16.610 | 16.768 | VV | 47041  | 1098635 | 14.81% | 0.828% |
| 243 | 16.798 | 16.768 | 16.894 | VV | 9301   | 233519  | 3.15%  | 0.176% |
| 244 | 16.944 | 16.894 | 16.960 | VV | 6110   | 122815  | 1.66%  | 0.093% |
| 245 | 16.987 | 16.960 | 17.020 | VV | 27954  | 448579  | 6.05%  | 0.338% |
| 246 | 17.048 | 17.020 | 17.106 | VV | 34183  | 634004  | 8.55%  | 0.478% |

| rteres |        |        |        |    |       |         |         |        |
|--------|--------|--------|--------|----|-------|---------|---------|--------|
| 247    | 17.151 | 17.106 | 17.184 | VV | 11818 | 306820  | 4.14%   | 0.231% |
| 248    | 17.198 | 17.184 | 17.235 | VV | 4501  | 107234  | 1.45%   | 0.081% |
| 249    | 17.294 | 17.235 | 17.333 | VV | 7415  | 285867  | 3.85%   | 0.215% |
| 250    | 17.354 | 17.333 | 17.374 | VV | 4924  | 97505   | 1.31%   | 0.073% |
|        |        |        |        |    |       |         |         |        |
| 251    | 17.431 | 17.374 | 17.490 | VV | 9685  | 428691  | 5.78%   | 0.323% |
| 252    | 17.575 | 17.490 | 17.618 | VV | 15340 | 532792  | 7.18%   | 0.402% |
| 253    | 17.641 | 17.618 | 17.658 | VV | 6514  | 129227  | 1.74%   | 0.097% |
| 254    | 17.679 | 17.658 | 17.690 | VV | 7697  | 136480  | 1.84%   | 0.103% |
| 255    | 17.710 | 17.690 | 17.741 | VV | 10242 | 239297  | 3.23%   | 0.180% |
|        |        |        |        |    |       |         |         |        |
| 256    | 17.751 | 17.741 | 17.794 | VV | 5828  | 141885  | 1.91%   | 0.107% |
| 257    | 17.836 | 17.794 | 17.876 | VV | 5516  | 209543  | 2.82%   | 0.158% |
| 258    | 17.905 | 17.876 | 17.928 | VV | 5048  | 135363  | 1.82%   | 0.102% |
| 259    | 18.012 | 17.928 | 18.041 | VV | 10907 | 440625  | 5.94%   | 0.332% |
| 260    | 18.049 | 18.041 | 18.066 | VV | 6393  | 93228   | 1.26%   | 0.070% |
|        |        |        |        |    |       |         |         |        |
| 261    | 18.104 | 18.066 | 18.122 | VV | 9168  | 250382  | 3.38%   | 0.189% |
| 262    | 18.147 | 18.122 | 18.173 | VV | 10532 | 265645  | 3.58%   | 0.200% |
| 263    | 18.199 | 18.173 | 18.248 | VV | 8867  | 354232  | 4.78%   | 0.267% |
| 264    | 18.273 | 18.248 | 18.294 | VV | 7835  | 207920  | 2.80%   | 0.157% |
| 265    | 18.336 | 18.294 | 18.385 | VV | 14261 | 535361  | 7.22%   | 0.403% |
|        |        |        |        |    |       |         |         |        |
| 266    | 18.436 | 18.385 | 18.498 | VV | 34949 | 1119028 | 15.08%  | 0.843% |
| 267    | 18.517 | 18.498 | 18.544 | VV | 12305 | 291131  | 3.92%   | 0.219% |
| 268    | 18.567 | 18.544 | 18.577 | VV | 11732 | 210319  | 2.84%   | 0.159% |
| 269    | 18.596 | 18.577 | 18.621 | VV | 13680 | 312068  | 4.21%   | 0.235% |
| 270    | 18.643 | 18.621 | 18.660 | VV | 10541 | 237492  | 3.20%   | 0.179% |
|        |        |        |        |    |       |         |         |        |
| 271    | 18.689 | 18.660 | 18.750 | VV | 30143 | 873029  | 11.77%  | 0.658% |
| 272    | 18.837 | 18.750 | 18.894 | VV | 17747 | 1092132 | 14.72%  | 0.823% |
| 273    | 18.943 | 18.894 | 18.970 | VV | 17456 | 613267  | 8.27%   | 0.462% |
| 274    | 18.996 | 18.970 | 19.010 | VV | 13281 | 301240  | 4.06%   | 0.227% |
| 275    | 19.035 | 19.010 | 19.064 | VV | 14535 | 426401  | 5.75%   | 0.321% |
|        |        |        |        |    |       |         |         |        |
| 276    | 19.125 | 19.064 | 19.141 | VV | 17276 | 638266  | 8.60%   | 0.481% |
| 277    | 19.156 | 19.141 | 19.176 | VV | 16869 | 341758  | 4.61%   | 0.258% |
| 278    | 19.206 | 19.176 | 19.222 | VV | 25460 | 577933  | 7.79%   | 0.436% |
| 279    | 19.242 | 19.222 | 19.302 | VV | 27716 | 1044342 | 14.08%  | 0.787% |
| 280    | 19.369 | 19.302 | 19.458 | VV | 33683 | 1959058 | 26.41%  | 1.476% |
|        |        |        |        |    |       |         |         |        |
| 281    | 19.488 | 19.458 | 19.586 | VV | 21830 | 1520364 | 20.49%  | 1.146% |
| 282    | 19.659 | 19.586 | 19.682 | VV | 22206 | 1164531 | 15.70%  | 0.878% |
| 283    | 19.707 | 19.682 | 19.724 | VV | 21895 | 547166  | 7.38%   | 0.412% |
| 284    | 19.744 | 19.724 | 19.764 | VV | 22364 | 522807  | 7.05%   | 0.394% |
| 285    | 19.866 | 19.764 | 19.894 | VV | 28478 | 1917713 | 25.85%  | 1.445% |
|        |        |        |        |    |       |         |         |        |
| 286    | 19.929 | 19.894 | 19.952 | VV | 30051 | 983908  | 13.26%  | 0.742% |
| 287    | 19.978 | 19.952 | 20.024 | VV | 34394 | 1333550 | 17.98%  | 1.005% |
| 288    | 20.046 | 20.024 | 20.117 | VV | 30024 | 1628219 | 21.95%  | 1.227% |
| 289    | 20.161 | 20.117 | 20.179 | VV | 29903 | 1067490 | 14.39%  | 0.805% |
| 290    | 20.249 | 20.179 | 20.288 | VV | 36778 | 2174322 | 29.31%  | 1.639% |
|        |        |        |        |    |       |         |         |        |
| 291    | 20.384 | 20.288 | 20.407 | VV | 37880 | 2602547 | 35.08%  | 1.961% |
| 292    | 20.439 | 20.407 | 20.450 | VV | 37561 | 968406  | 13.05%  | 0.730% |
| 293    | 20.736 | 20.450 | 20.743 | VV | 46797 | 7418407 | 100.00% | 5.591% |
| 294    | 20.765 | 20.743 | 20.782 | VV | 47207 | 1092305 | 14.72%  | 0.823% |
| 295    | 20.905 | 20.782 | 20.919 | VV | 49973 | 4001043 | 53.93%  | 3.015% |
|        |        |        |        |    |       |         |         |        |
| 296    | 20.928 | 20.919 | 20.994 | VV | 49893 | 2232542 | 30.09%  | 1.683% |
| 297    | 21.013 | 20.994 | 21.023 | VV | 48749 | 827395  | 11.15%  | 0.624% |
| 298    | 21.121 | 21.023 | 21.137 | VV | 49492 | 3363540 | 45.34%  | 2.535% |
| 299    | 21.172 | 21.137 | 21.234 | VV | 49639 | 2879277 | 38.81%  | 2.170% |

|     |        |        |        |                         |        |           |        |        |
|-----|--------|--------|--------|-------------------------|--------|-----------|--------|--------|
|     |        |        |        |                         | rteres |           |        |        |
| 300 | 21.243 | 21.234 | 21.261 | VV                      | 48755  | 776312    | 10.46% | 0.585% |
| 301 | 21.389 | 21.261 | 21.418 | VV                      | 50171  | 4636947   | 62.51% | 3.495% |
| 302 | 21.438 | 21.418 | 21.462 | VV                      | 49677  | 1305145   | 17.59% | 0.984% |
| 303 | 21.520 | 21.462 | 21.617 | VV                      | 49919  | 4594592   | 61.94% | 3.463% |
| 304 | 21.629 | 21.617 | 21.637 | VV                      | 48273  | 566890    | 7.64%  | 0.427% |
| 305 | 21.808 | 21.637 | 21.883 | VV                      | 50110  | 7337232   | 98.91% | 5.530% |
| 306 | 21.897 | 21.883 | 21.980 | VV                      | 49477  | 2826781   | 38.10% | 2.130% |
| 307 | 22.012 | 21.980 | 22.034 | VV                      | 47859  | 1558240   | 21.01% | 1.174% |
| 308 | 22.090 | 22.034 | 22.101 | VV                      | 47896  | 1897540   | 25.58% | 1.430% |
| 309 | 22.175 | 22.101 | 22.183 | VV                      | 48525  | 2374320   | 32.01% | 1.789% |
| 310 | 22.196 | 22.183 | 22.388 | VV                      | 48597  | 5741955   | 77.40% | 4.328% |
| 311 | 22.485 | 22.388 | 22.501 | VBA                     | 45310  | 3155355   | 42.53% | 2.378% |
|     |        |        |        | Sum of corrected areas: |        | 132682850 |        |        |

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