

rteres

## Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE052323AL\  
 Data File : FE042164.D  
 Signal(s) : FID1B.ch  
 Acq On : 24 May 2023 03:01  
 Sample : 02892-04  
 Misc :  
 ALS Vial : 29 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 051823.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         | 3.354       | 3.304        | 3.378      | BV       | 174            | 4107         | 0.06%          | 0.011%        |
| 2         | 3.383       | 3.378        | 3.394      | VV       | 53             | 615          | 0.01%          | 0.002%        |
| 3         | 3.403       | 3.394        | 3.450      | VV       | 85             | 1366         | 0.02%          | 0.004%        |
| 4         | 3.485       | 3.450        | 3.498      | PV       | 150            | 1817         | 0.03%          | 0.005%        |
| 5         | 3.520       | 3.498        | 3.544      | VV       | 205            | 2735         | 0.04%          | 0.007%        |
| 6         | 3.555       | 3.544        | 3.564      | VV       | 125            | 1273         | 0.02%          | 0.003%        |
| 7         | 3.585       | 3.564        | 3.632      | VV       | 173            | 3943         | 0.06%          | 0.010%        |
| 8         | 3.657       | 3.632        | 3.668      | VV       | 283            | 3583         | 0.05%          | 0.009%        |
| 9         | 3.675       | 3.668        | 3.708      | VV       | 227            | 3447         | 0.05%          | 0.009%        |
| 10        | 3.734       | 3.708        | 3.767      | VV       | 257            | 4563         | 0.07%          | 0.012%        |
| 11        | 3.789       | 3.767        | 3.803      | VV       | 536            | 6938         | 0.10%          | 0.018%        |
| 12        | 3.815       | 3.803        | 3.838      | VV       | 712            | 7496         | 0.11%          | 0.019%        |
| 13        | 3.871       | 3.838        | 3.908      | VV       | 304            | 7310         | 0.11%          | 0.019%        |
| 14        | 3.928       | 3.908        | 3.962      | VV       | 499            | 6854         | 0.10%          | 0.018%        |
| 15        | 3.981       | 3.962        | 4.007      | VV       | 247            | 4270         | 0.06%          | 0.011%        |
| 16        | 4.033       | 4.007        | 4.090      | VV       | 379            | 10682        | 0.16%          | 0.027%        |
| 17        | 4.134       | 4.090        | 4.152      | PV       | 699            | 11279        | 0.17%          | 0.029%        |
| 18        | 4.169       | 4.152        | 4.188      | VV       | 496            | 7166         | 0.11%          | 0.018%        |
| 19        | 4.202       | 4.188        | 4.228      | VV       | 359            | 5914         | 0.09%          | 0.015%        |
| 20        | 4.243       | 4.228        | 4.266      | VV       | 553            | 7325         | 0.11%          | 0.019%        |
| 21        | 4.336       | 4.266        | 4.348      | VV       | 505            | 11932        | 0.18%          | 0.031%        |
| 22        | 4.366       | 4.348        | 4.388      | VV       | 531            | 7698         | 0.12%          | 0.020%        |
| 23        | 4.407       | 4.388        | 4.425      | VV       | 283            | 4577         | 0.07%          | 0.012%        |
| 24        | 4.434       | 4.425        | 4.458      | VV       | 120            | 1651         | 0.02%          | 0.004%        |
| 25        | 4.488       | 4.458        | 4.514      | VV       | 359            | 6059         | 0.09%          | 0.016%        |
| 26        | 4.532       | 4.514        | 4.561      | VV       | 333            | 5345         | 0.08%          | 0.014%        |
| 27        | 4.594       | 4.561        | 4.645      | VV       | 555            | 11324        | 0.17%          | 0.029%        |
| 28        | 4.667       | 4.645        | 4.691      | VV       | 355            | 4449         | 0.07%          | 0.011%        |
| 29        | 4.700       | 4.691        | 4.734      | VV       | 168            | 2097         | 0.03%          | 0.005%        |
| 30        | 4.761       | 4.734        | 4.790      | PV       | 438            | 9487         | 0.14%          | 0.024%        |
| 31        | 4.811       | 4.790        | 4.829      | VV       | 582            | 9580         | 0.14%          | 0.025%        |
| 32        | 4.843       | 4.829        | 4.859      | VV       | 456            | 6085         | 0.09%          | 0.016%        |
| 33        | 4.877       | 4.859        | 4.919      | VV       | 1877           | 28796        | 0.43%          | 0.074%        |
| 34        | 4.937       | 4.919        | 4.973      | VV       | 606            | 14612        | 0.22%          | 0.038%        |
| 35        | 5.010       | 4.973        | 5.024      | VV       | 681            | 11882        | 0.18%          | 0.031%        |
| 36        | 5.055       | 5.024        | 5.081      | VV       | 858            | 17344        | 0.26%          | 0.045%        |

|    |       |       |       |    | rteres |        |       |        |
|----|-------|-------|-------|----|--------|--------|-------|--------|
| 37 | 5.106 | 5.081 | 5.146 | VV | 1078   | 15543  | 0.23% | 0.040% |
| 38 | 5.171 | 5.146 | 5.188 | VV | 344    | 5275   | 0.08% | 0.014% |
| 39 | 5.209 | 5.188 | 5.228 | VV | 525    | 7279   | 0.11% | 0.019% |
| 40 | 5.270 | 5.228 | 5.286 | VV | 1066   | 14780  | 0.22% | 0.038% |
| 41 | 5.302 | 5.286 | 5.325 | VV | 1015   | 13367  | 0.20% | 0.034% |
| 42 | 5.346 | 5.325 | 5.361 | VV | 1022   | 13087  | 0.20% | 0.034% |
| 43 | 5.377 | 5.361 | 5.393 | VV | 1068   | 13864  | 0.21% | 0.036% |
| 44 | 5.411 | 5.393 | 5.451 | VV | 1044   | 18602  | 0.28% | 0.048% |
| 45 | 5.471 | 5.451 | 5.494 | VV | 287    | 4991   | 0.08% | 0.013% |
| 46 | 5.512 | 5.494 | 5.524 | VV | 967    | 11467  | 0.17% | 0.029% |
| 47 | 5.534 | 5.524 | 5.558 | VV | 773    | 12767  | 0.19% | 0.033% |
| 48 | 5.574 | 5.558 | 5.589 | VV | 764    | 11498  | 0.17% | 0.030% |
| 49 | 5.604 | 5.589 | 5.622 | VV | 1092   | 14143  | 0.21% | 0.036% |
| 50 | 5.643 | 5.622 | 5.688 | VV | 800    | 19697  | 0.30% | 0.051% |
| 51 | 5.699 | 5.688 | 5.711 | VV | 381    | 4339   | 0.07% | 0.011% |
| 52 | 5.744 | 5.711 | 5.791 | VV | 2005   | 45451  | 0.68% | 0.117% |
| 53 | 5.804 | 5.791 | 5.841 | VV | 611    | 11513  | 0.17% | 0.030% |
| 54 | 5.857 | 5.841 | 5.869 | VV | 527    | 6975   | 0.11% | 0.018% |
| 55 | 5.916 | 5.869 | 5.968 | VV | 2879   | 68636  | 1.03% | 0.176% |
| 56 | 5.993 | 5.968 | 6.008 | VV | 1124   | 17821  | 0.27% | 0.046% |
| 57 | 6.037 | 6.008 | 6.068 | VV | 3018   | 60306  | 0.91% | 0.155% |
| 58 | 6.097 | 6.068 | 6.131 | VV | 1216   | 31810  | 0.48% | 0.082% |
| 59 | 6.161 | 6.131 | 6.187 | VV | 1148   | 25219  | 0.38% | 0.065% |
| 60 | 6.210 | 6.187 | 6.230 | VV | 1588   | 21235  | 0.32% | 0.055% |
| 61 | 6.263 | 6.230 | 6.284 | VV | 2074   | 37275  | 0.56% | 0.096% |
| 62 | 6.306 | 6.284 | 6.345 | VV | 2660   | 65129  | 0.98% | 0.167% |
| 63 | 6.359 | 6.345 | 6.379 | VV | 1712   | 24728  | 0.37% | 0.063% |
| 64 | 6.405 | 6.379 | 6.424 | VV | 1926   | 34428  | 0.52% | 0.088% |
| 65 | 6.447 | 6.424 | 6.514 | VV | 2245   | 88874  | 1.34% | 0.228% |
| 66 | 6.531 | 6.514 | 6.542 | VV | 1711   | 22467  | 0.34% | 0.058% |
| 67 | 6.557 | 6.542 | 6.569 | VV | 1914   | 27359  | 0.41% | 0.070% |
| 68 | 6.586 | 6.569 | 6.612 | VV | 2104   | 43402  | 0.65% | 0.111% |
| 69 | 6.634 | 6.612 | 6.657 | VV | 2232   | 42149  | 0.64% | 0.108% |
| 70 | 6.678 | 6.657 | 6.695 | VV | 2150   | 39112  | 0.59% | 0.100% |
| 71 | 6.706 | 6.695 | 6.748 | VV | 1872   | 44596  | 0.67% | 0.114% |
| 72 | 6.757 | 6.748 | 6.766 | VV | 1343   | 13884  | 0.21% | 0.036% |
| 73 | 6.779 | 6.766 | 6.814 | VV | 1656   | 36383  | 0.55% | 0.093% |
| 74 | 6.850 | 6.814 | 6.862 | VV | 1880   | 39051  | 0.59% | 0.100% |
| 75 | 6.886 | 6.862 | 6.894 | VV | 2161   | 34660  | 0.52% | 0.089% |
| 76 | 6.913 | 6.894 | 6.938 | VV | 9277   | 122153 | 1.84% | 0.314% |
| 77 | 6.954 | 6.938 | 6.976 | VV | 3391   | 56685  | 0.85% | 0.146% |
| 78 | 6.988 | 6.976 | 7.011 | VV | 2226   | 36752  | 0.55% | 0.094% |
| 79 | 7.044 | 7.011 | 7.065 | VV | 3497   | 66463  | 1.00% | 0.171% |
| 80 | 7.089 | 7.065 | 7.115 | VV | 4193   | 78288  | 1.18% | 0.201% |
| 81 | 7.125 | 7.115 | 7.137 | VV | 2000   | 23321  | 0.35% | 0.060% |
| 82 | 7.166 | 7.137 | 7.193 | VV | 3656   | 77575  | 1.17% | 0.199% |
| 83 | 7.235 | 7.193 | 7.254 | VV | 2709   | 76051  | 1.15% | 0.195% |
| 84 | 7.293 | 7.254 | 7.313 | VV | 4178   | 103944 | 1.57% | 0.267% |
| 85 | 7.334 | 7.313 | 7.365 | VV | 5846   | 102630 | 1.55% | 0.263% |
| 86 | 7.393 | 7.365 | 7.429 | VV | 4161   | 112070 | 1.69% | 0.288% |
| 87 | 7.440 | 7.429 | 7.458 | VV | 2829   | 42204  | 0.64% | 0.108% |
| 88 | 7.481 | 7.458 | 7.518 | VV | 13319  | 209177 | 3.15% | 0.537% |
| 89 | 7.537 | 7.518 | 7.563 | VV | 5025   | 92282  | 1.39% | 0.237% |

|     |        |        |        |    |        |        |       |        |
|-----|--------|--------|--------|----|--------|--------|-------|--------|
|     |        |        |        |    | rteres |        |       |        |
| 90  | 7.582  | 7.563  | 7.599  | VV | 4128   | 65083  | 0.98% | 0.167% |
| 91  | 7.611  | 7.599  | 7.624  | VV | 2722   | 39142  | 0.59% | 0.100% |
| 92  | 7.630  | 7.624  | 7.643  | VV | 2650   | 28485  | 0.43% | 0.073% |
| 93  | 7.669  | 7.643  | 7.690  | VV | 3390   | 84008  | 1.27% | 0.216% |
| 94  | 7.707  | 7.690  | 7.733  | VV | 3988   | 81519  | 1.23% | 0.209% |
| 95  | 7.762  | 7.733  | 7.783  | VV | 3850   | 94590  | 1.43% | 0.243% |
| 96  | 7.796  | 7.783  | 7.818  | VV | 3745   | 68476  | 1.03% | 0.176% |
| 97  | 7.833  | 7.818  | 7.857  | VV | 3276   | 73346  | 1.11% | 0.188% |
| 98  | 7.884  | 7.857  | 7.913  | VV | 7550   | 151536 | 2.28% | 0.389% |
| 99  | 7.935  | 7.913  | 7.954  | VV | 3935   | 76559  | 1.15% | 0.197% |
| 100 | 7.969  | 7.954  | 7.983  | VV | 3018   | 44863  | 0.68% | 0.115% |
| 101 | 8.142  | 8.110  | 8.160  | VV | 5687   | 132640 | 2.00% | 0.341% |
| 102 | 8.175  | 8.160  | 8.209  | VV | 4524   | 121804 | 1.84% | 0.313% |
| 103 | 8.233  | 8.209  | 8.253  | VV | 5024   | 107244 | 1.62% | 0.275% |
| 104 | 8.292  | 8.253  | 8.308  | VV | 6085   | 157938 | 2.38% | 0.405% |
| 105 | 8.322  | 8.308  | 8.368  | VV | 5739   | 169345 | 2.55% | 0.435% |
| 106 | 8.408  | 8.368  | 8.445  | VV | 19861  | 401530 | 6.05% | 1.031% |
| 107 | 8.462  | 8.445  | 8.481  | VV | 4652   | 93609  | 1.41% | 0.240% |
| 108 | 8.512  | 8.481  | 8.528  | VV | 15062  | 240650 | 3.63% | 0.618% |
| 109 | 8.540  | 8.528  | 8.563  | VV | 10533  | 162735 | 2.45% | 0.418% |
| 110 | 8.585  | 8.563  | 8.611  | VV | 5800   | 145634 | 2.19% | 0.374% |
| 111 | 8.634  | 8.611  | 8.650  | VV | 6871   | 129778 | 1.96% | 0.333% |
| 112 | 8.685  | 8.650  | 8.724  | VV | 7723   | 259752 | 3.91% | 0.667% |
| 113 | 8.751  | 8.724  | 8.773  | VV | 13352  | 226730 | 3.42% | 0.582% |
| 114 | 8.787  | 8.773  | 8.799  | VV | 5699   | 80318  | 1.21% | 0.206% |
| 115 | 8.808  | 8.799  | 8.824  | VV | 5354   | 72943  | 1.10% | 0.187% |
| 116 | 8.839  | 8.824  | 8.853  | VV | 5354   | 80207  | 1.21% | 0.206% |
| 117 | 8.947  | 8.936  | 8.966  | VV | 8649   | 136091 | 2.05% | 0.349% |
| 118 | 8.982  | 8.966  | 9.028  | VV | 7257   | 220801 | 3.33% | 0.567% |
| 119 | 9.050  | 9.028  | 9.072  | VV | 11195  | 192198 | 2.90% | 0.493% |
| 120 | 9.129  | 9.072  | 9.152  | VV | 19839  | 452762 | 6.82% | 1.162% |
| 121 | 9.161  | 9.152  | 9.178  | VV | 5617   | 80054  | 1.21% | 0.206% |
| 122 | 9.187  | 9.178  | 9.195  | VV | 5101   | 50216  | 0.76% | 0.129% |
| 123 | 9.238  | 9.195  | 9.259  | VV | 12130  | 279852 | 4.22% | 0.718% |
| 124 | 9.274  | 9.259  | 9.294  | VV | 8170   | 136961 | 2.06% | 0.352% |
| 125 | 9.310  | 9.294  | 9.327  | VV | 6438   | 106985 | 1.61% | 0.275% |
| 126 | 9.361  | 9.327  | 9.389  | VV | 8275   | 237903 | 3.59% | 0.611% |
| 127 | 9.408  | 9.389  | 9.428  | VV | 13196  | 207189 | 3.12% | 0.532% |
| 128 | 9.449  | 9.428  | 9.483  | VV | 13562  | 264775 | 3.99% | 0.680% |
| 129 | 9.500  | 9.483  | 9.524  | VV | 6249   | 127937 | 1.93% | 0.328% |
| 130 | 9.566  | 9.524  | 9.583  | VV | 11768  | 237145 | 3.57% | 0.609% |
| 131 | 9.597  | 9.583  | 9.632  | VV | 9210   | 176944 | 2.67% | 0.454% |
| 132 | 9.647  | 9.632  | 9.664  | VV | 4615   | 86328  | 1.30% | 0.222% |
| 133 | 9.702  | 9.664  | 9.763  | VV | 11516  | 383275 | 5.78% | 0.984% |
| 134 | 9.788  | 9.763  | 9.797  | VV | 8036   | 124773 | 1.88% | 0.320% |
| 135 | 9.809  | 9.797  | 9.836  | VV | 8725   | 153905 | 2.32% | 0.395% |
| 136 | 9.866  | 9.836  | 9.918  | VV | 13319  | 352236 | 5.31% | 0.904% |
| 137 | 9.961  | 9.918  | 9.977  | VV | 7352   | 222834 | 3.36% | 0.572% |
| 138 | 9.991  | 9.977  | 10.015 | VV | 8394   | 149801 | 2.26% | 0.385% |
| 139 | 10.029 | 10.015 | 10.041 | VV | 5185   | 75317  | 1.14% | 0.193% |
| 140 | 10.064 | 10.041 | 10.091 | VV | 26475  | 371208 | 5.59% | 0.953% |
| 141 | 10.112 | 10.091 | 10.131 | VV | 7482   | 152303 | 2.30% | 0.391% |

|     |        |        |        |    | rteres |         |         |         |
|-----|--------|--------|--------|----|--------|---------|---------|---------|
| 142 | 10.156 | 10.131 | 10.178 | VV | 7963   | 194251  | 2.93%   | 0.499%  |
| 143 | 10.199 | 10.178 | 10.244 | VV | 8597   | 257809  | 3.89%   | 0.662%  |
| 144 | 10.272 | 10.244 | 10.284 | VV | 5599   | 128654  | 1.94%   | 0.330%  |
| 145 | 10.303 | 10.284 | 10.343 | VV | 6634   | 188444  | 2.84%   | 0.484%  |
| 146 | 10.371 | 10.343 | 10.454 | VV | 7406   | 315311  | 4.75%   | 0.810%  |
| 147 | 10.473 | 10.454 | 10.502 | VV | 5082   | 122892  | 1.85%   | 0.316%  |
| 148 | 10.530 | 10.502 | 10.556 | VV | 7394   | 166383  | 2.51%   | 0.427%  |
| 149 | 10.584 | 10.556 | 10.612 | VV | 17329  | 321319  | 4.84%   | 0.825%  |
| 150 | 10.639 | 10.612 | 10.652 | VV | 8130   | 150799  | 2.27%   | 0.387%  |
| 151 | 10.665 | 10.652 | 10.689 | VV | 8100   | 144023  | 2.17%   | 0.370%  |
| 152 | 10.709 | 10.689 | 10.758 | VV | 9319   | 246818  | 3.72%   | 0.634%  |
| 153 | 10.785 | 10.758 | 10.795 | VV | 6975   | 124014  | 1.87%   | 0.318%  |
| 154 | 10.803 | 10.795 | 10.826 | VV | 6685   | 110397  | 1.66%   | 0.283%  |
| 155 | 10.849 | 10.826 | 10.897 | VV | 7218   | 255520  | 3.85%   | 0.656%  |
| 156 | 10.923 | 10.897 | 10.944 | VV | 6892   | 177306  | 2.67%   | 0.455%  |
| 157 | 10.955 | 10.944 | 10.974 | VV | 7000   | 108090  | 1.63%   | 0.278%  |
| 158 | 11.007 | 10.974 | 11.038 | VV | 28685  | 514370  | 7.75%   | 1.321%  |
| 159 | 11.053 | 11.038 | 11.105 | VV | 5748   | 199088  | 3.00%   | 0.511%  |
| 160 | 11.148 | 11.105 | 11.168 | VV | 5153   | 177655  | 2.68%   | 0.456%  |
| 161 | 11.191 | 11.168 | 11.244 | VV | 6257   | 223186  | 3.36%   | 0.573%  |
| 162 | 11.271 | 11.244 | 11.301 | VV | 5761   | 162714  | 2.45%   | 0.418%  |
| 163 | 11.329 | 11.301 | 11.356 | VV | 6646   | 163574  | 2.47%   | 0.420%  |
| 164 | 11.409 | 11.356 | 11.434 | VV | 4655   | 191404  | 2.88%   | 0.491%  |
| 165 | 11.499 | 11.434 | 11.520 | VV | 6020   | 234020  | 3.53%   | 0.601%  |
| 166 | 11.545 | 11.520 | 11.568 | VV | 5329   | 136921  | 2.06%   | 0.352%  |
| 167 | 11.586 | 11.568 | 11.618 | VV | 5281   | 148304  | 2.23%   | 0.381%  |
| 168 | 11.635 | 11.618 | 11.650 | VV | 5547   | 97541   | 1.47%   | 0.250%  |
| 169 | 11.665 | 11.650 | 11.696 | VV | 5220   | 132952  | 2.00%   | 0.341%  |
| 170 | 11.729 | 11.696 | 11.762 | VV | 13567  | 302148  | 4.55%   | 0.776%  |
| 171 | 11.788 | 11.762 | 11.818 | VV | 4683   | 131250  | 1.98%   | 0.337%  |
| 172 | 11.844 | 11.818 | 11.866 | VV | 5173   | 120369  | 1.81%   | 0.309%  |
| 173 | 11.882 | 11.866 | 11.918 | VV | 4242   | 121101  | 1.82%   | 0.311%  |
| 174 | 11.960 | 11.918 | 12.009 | VV | 585711 | 6635730 | 100.00% | 17.037% |
| 175 | 12.025 | 12.009 | 12.061 | VV | 6607   | 149123  | 2.25%   | 0.383%  |
| 176 | 12.091 | 12.061 | 12.119 | VV | 4157   | 126189  | 1.90%   | 0.324%  |
| 177 | 12.142 | 12.119 | 12.159 | VV | 5141   | 100369  | 1.51%   | 0.258%  |
| 178 | 12.174 | 12.159 | 12.225 | VV | 4685   | 149173  | 2.25%   | 0.383%  |
| 179 | 12.248 | 12.225 | 12.258 | VV | 3250   | 62584   | 0.94%   | 0.161%  |
| 180 | 12.288 | 12.258 | 12.314 | VV | 6138   | 153742  | 2.32%   | 0.395%  |
| 181 | 12.327 | 12.314 | 12.360 | VV | 3881   | 92996   | 1.40%   | 0.239%  |
| 182 | 12.372 | 12.360 | 12.388 | VV | 3177   | 52423   | 0.79%   | 0.135%  |
| 183 | 12.396 | 12.388 | 12.423 | VV | 3318   | 66424   | 1.00%   | 0.171%  |
| 184 | 12.434 | 12.423 | 12.480 | VV | 3163   | 96427   | 1.45%   | 0.248%  |
| 185 | 12.497 | 12.480 | 12.508 | VV | 2945   | 46501   | 0.70%   | 0.119%  |
| 186 | 12.530 | 12.508 | 12.573 | VV | 3193   | 111512  | 1.68%   | 0.286%  |
| 187 | 12.607 | 12.573 | 12.627 | VV | 2783   | 83540   | 1.26%   | 0.214%  |
| 188 | 12.642 | 12.627 | 12.657 | VV | 2598   | 44354   | 0.67%   | 0.114%  |
| 189 | 12.672 | 12.657 | 12.700 | VV | 2731   | 63405   | 0.96%   | 0.163%  |
| 190 | 12.738 | 12.700 | 12.768 | VV | 2910   | 99299   | 1.50%   | 0.255%  |
| 191 | 12.786 | 12.768 | 12.844 | VV | 3319   | 116915  | 1.76%   | 0.300%  |
| 192 | 12.893 | 12.844 | 12.914 | VV | 4246   | 123764  | 1.87%   | 0.318%  |
| 193 | 12.950 | 12.914 | 12.989 | VV | 3017   | 114916  | 1.73%   | 0.295%  |
| 194 | 13.010 | 12.989 | 13.051 | VV | 3515   | 86009   | 1.30%   | 0.221%  |

|     |        |        |        |    |        |         |        |         |
|-----|--------|--------|--------|----|--------|---------|--------|---------|
|     |        |        |        |    | rteres |         |        |         |
| 195 | 13.063 | 13.051 | 13.080 | VV | 1735   | 27953   | 0.42%  | 0.072%  |
| 196 | 13.096 | 13.080 | 13.117 | VV | 1801   | 35750   | 0.54%  | 0.092%  |
| 197 | 13.133 | 13.117 | 13.156 | VV | 1533   | 33451   | 0.50%  | 0.086%  |
| 198 | 13.167 | 13.156 | 13.183 | VV | 1387   | 20226   | 0.30%  | 0.052%  |
| 199 | 13.211 | 13.183 | 13.254 | VV | 1410   | 57174   | 0.86%  | 0.147%  |
| 200 | 13.261 | 13.254 | 13.284 | VV | 1253   | 20760   | 0.31%  | 0.053%  |
| 201 | 13.308 | 13.284 | 13.334 | VV | 2362   | 46706   | 0.70%  | 0.120%  |
| 202 | 13.395 | 13.334 | 13.541 | VV | 412475 | 5098485 | 76.83% | 13.090% |
| 203 | 13.586 | 13.541 | 13.621 | VV | 1332   | 53581   | 0.81%  | 0.138%  |
| 204 | 13.641 | 13.621 | 13.686 | VV | 1259   | 34969   | 0.53%  | 0.090%  |
| 205 | 13.702 | 13.686 | 13.721 | VV | 855    | 15024   | 0.23%  | 0.039%  |
| 206 | 13.736 | 13.721 | 13.758 | VV | 811    | 16366   | 0.25%  | 0.042%  |
| 207 | 13.780 | 13.758 | 13.810 | VV | 800    | 20000   | 0.30%  | 0.051%  |
| 208 | 13.835 | 13.810 | 13.858 | VV | 615    | 15089   | 0.23%  | 0.039%  |
| 209 | 13.865 | 13.858 | 13.874 | VV | 496    | 4811    | 0.07%  | 0.012%  |
| 210 | 13.901 | 13.874 | 13.934 | VV | 663    | 17599   | 0.27%  | 0.045%  |
| 211 | 13.940 | 13.934 | 13.953 | VV | 453    | 4580    | 0.07%  | 0.012%  |
| 212 | 13.978 | 13.953 | 13.991 | VV | 566    | 10263   | 0.15%  | 0.026%  |
| 213 | 14.003 | 13.991 | 14.026 | VV | 599    | 9831    | 0.15%  | 0.025%  |
| 214 | 14.050 | 14.026 | 14.071 | VV | 551    | 11049   | 0.17%  | 0.028%  |
| 215 | 14.096 | 14.071 | 14.124 | VV | 850    | 15622   | 0.24%  | 0.040%  |
| 216 | 14.145 | 14.124 | 14.190 | VV | 767    | 19023   | 0.29%  | 0.049%  |
| 217 | 14.207 | 14.190 | 14.324 | VV | 361    | 16399   | 0.25%  | 0.042%  |
| 218 | 14.377 | 14.338 | 14.427 | PV | 337    | 9913    | 0.15%  | 0.025%  |
| 219 | 14.448 | 14.427 | 14.493 | VV | 196    | 4016    | 0.06%  | 0.010%  |
| 220 | 14.581 | 14.493 | 14.680 | VV | 1384   | 48088   | 0.72%  | 0.123%  |
| 221 | 14.709 | 14.680 | 14.738 | VV | 1417   | 22039   | 0.33%  | 0.057%  |
| 222 | 14.743 | 14.738 | 14.753 | VV | 330    | 2580    | 0.04%  | 0.007%  |
| 223 | 14.770 | 14.753 | 14.794 | VV | 447    | 6968    | 0.11%  | 0.018%  |
| 224 | 14.820 | 14.794 | 14.859 | VV | 319    | 8320    | 0.13%  | 0.021%  |
| 225 | 14.872 | 14.859 | 14.903 | VV | 200    | 3347    | 0.05%  | 0.009%  |
| 226 | 14.929 | 14.903 | 14.969 | VV | 348    | 6595    | 0.10%  | 0.017%  |
| 227 | 14.989 | 14.969 | 15.066 | VV | 157    | 5624    | 0.08%  | 0.014%  |
| 228 | 15.087 | 15.066 | 15.142 | VV | 523    | 12102   | 0.18%  | 0.031%  |
| 229 | 15.147 | 15.142 | 15.161 | VV | 162    | 1134    | 0.02%  | 0.003%  |
| 230 | 15.246 | 15.161 | 15.274 | PV | 1788   | 45255   | 0.68%  | 0.116%  |
| 231 | 15.295 | 15.274 | 15.333 | VV | 713    | 13354   | 0.20%  | 0.034%  |
| 232 | 15.346 | 15.333 | 15.370 | PV | 155    | 2376    | 0.04%  | 0.006%  |
| 233 | 15.440 | 15.370 | 15.474 | VV | 221    | 5215    | 0.08%  | 0.013%  |
| 234 | 15.495 | 15.474 | 15.521 | PV | 131    | 1884    | 0.03%  | 0.005%  |
| 235 | 15.545 | 15.521 | 15.568 | VV | 216    | 3110    | 0.05%  | 0.008%  |
| 236 | 15.634 | 15.568 | 15.741 | VV | 15364  | 400026  | 6.03%  | 1.027%  |
| 237 | 15.768 | 15.741 | 15.811 | VV | 2034   | 39282   | 0.59%  | 0.101%  |
| 238 | 15.843 | 15.811 | 15.884 | VV | 1075   | 24528   | 0.37%  | 0.063%  |
| 239 | 15.898 | 15.884 | 15.936 | VV | 324    | 4524    | 0.07%  | 0.012%  |
| 240 | 15.953 | 15.936 | 15.971 | VV | 71     | 1097    | 0.02%  | 0.003%  |
| 241 | 16.007 | 15.971 | 16.050 | PV | 206    | 3765    | 0.06%  | 0.010%  |
| 242 | 16.065 | 16.050 | 16.073 | PV | 113    | 869     | 0.01%  | 0.002%  |
| 243 | 16.094 | 16.073 | 16.117 | PV | 147    | 2870    | 0.04%  | 0.007%  |
| 244 | 16.163 | 16.117 | 16.211 | PV | 406    | 13780   | 0.21%  | 0.035%  |
| 245 | 16.232 | 16.211 | 16.244 | VV | 187    | 2816    | 0.04%  | 0.007%  |
| 246 | 16.268 | 16.244 | 16.317 | VV | 1707   | 26377   | 0.40%  | 0.068%  |

|     |        |        |        |    |        |        |       |        |
|-----|--------|--------|--------|----|--------|--------|-------|--------|
|     |        |        |        |    | rteres |        |       |        |
| 247 | 16.327 | 16.317 | 16.384 | VV | 247    | 3597   | 0.05% | 0.009% |
| 248 | 16.472 | 16.384 | 16.503 | PV | 115    | 3972   | 0.06% | 0.010% |
| 249 | 16.559 | 16.503 | 16.591 | VV | 296    | 7273   | 0.11% | 0.019% |
| 250 | 16.658 | 16.591 | 16.699 | VV | 1702   | 49688  | 0.75% | 0.128% |
| 251 | 16.750 | 16.699 | 16.798 | VV | 2388   | 50287  | 0.76% | 0.129% |
| 252 | 16.834 | 16.798 | 16.851 | VV | 1241   | 20857  | 0.31% | 0.054% |
| 253 | 16.880 | 16.851 | 16.971 | VV | 16605  | 237271 | 3.58% | 0.609% |
| 254 | 17.063 | 16.971 | 17.088 | VV | 737    | 22676  | 0.34% | 0.058% |
| 255 | 17.128 | 17.088 | 17.171 | VV | 586    | 18560  | 0.28% | 0.048% |
| 256 | 17.218 | 17.171 | 17.241 | VV | 1981   | 35739  | 0.54% | 0.092% |
| 257 | 17.267 | 17.241 | 17.325 | VV | 2094   | 39263  | 0.59% | 0.101% |
| 258 | 17.346 | 17.325 | 17.396 | VV | 180    | 3781   | 0.06% | 0.010% |
| 259 | 17.496 | 17.396 | 17.521 | PV | 190    | 5808   | 0.09% | 0.015% |
| 260 | 17.552 | 17.521 | 17.560 | VV | 175    | 2771   | 0.04% | 0.007% |
| 261 | 17.603 | 17.560 | 17.637 | VV | 816    | 24639  | 0.37% | 0.063% |
| 262 | 17.665 | 17.637 | 17.708 | VV | 2879   | 48850  | 0.74% | 0.125% |
| 263 | 17.753 | 17.708 | 17.778 | VV | 619    | 13982  | 0.21% | 0.036% |
| 264 | 17.789 | 17.778 | 17.796 | VV | 260    | 2727   | 0.04% | 0.007% |
| 265 | 17.834 | 17.796 | 17.857 | VV | 479    | 10612  | 0.16% | 0.027% |
| 266 | 17.897 | 17.857 | 17.908 | VV | 277    | 5290   | 0.08% | 0.014% |
| 267 | 17.976 | 17.908 | 17.986 | PV | 120    | 5482   | 0.08% | 0.014% |
| 268 | 18.059 | 17.986 | 18.080 | PV | 1287   | 26454  | 0.40% | 0.068% |
| 269 | 18.104 | 18.080 | 18.133 | VV | 1987   | 31339  | 0.47% | 0.080% |
| 270 | 18.194 | 18.133 | 18.214 | VV | 1009   | 16384  | 0.25% | 0.042% |
| 271 | 18.266 | 18.214 | 18.314 | VV | 166    | 6428   | 0.10% | 0.017% |
| 272 | 18.335 | 18.314 | 18.357 | PV | 484    | 5478   | 0.08% | 0.014% |
| 273 | 18.381 | 18.357 | 18.390 | PV | 303    | 2705   | 0.04% | 0.007% |
| 274 | 18.429 | 18.390 | 18.441 | VV | 951    | 15406  | 0.23% | 0.040% |
| 275 | 18.475 | 18.441 | 18.512 | VV | 8616   | 220090 | 3.32% | 0.565% |
| 276 | 18.526 | 18.512 | 18.574 | VV | 4489   | 82277  | 1.24% | 0.211% |
| 277 | 18.584 | 18.574 | 18.593 | VV | 410    | 3906   | 0.06% | 0.010% |
| 278 | 18.626 | 18.593 | 18.661 | VV | 851    | 19904  | 0.30% | 0.051% |
| 279 | 18.682 | 18.661 | 18.704 | VV | 277    | 5687   | 0.09% | 0.015% |
| 280 | 18.761 | 18.704 | 18.776 | PV | 458    | 8625   | 0.13% | 0.022% |
| 281 | 18.931 | 18.776 | 18.991 | VV | 4743   | 148319 | 2.24% | 0.381% |
| 282 | 19.036 | 18.991 | 19.073 | VV | 1708   | 56575  | 0.85% | 0.145% |
| 283 | 19.087 | 19.073 | 19.144 | VV | 1041   | 30234  | 0.46% | 0.078% |
| 284 | 19.242 | 19.144 | 19.265 | VV | 1024   | 58335  | 0.88% | 0.150% |
| 285 | 19.305 | 19.265 | 19.384 | VV | 6211   | 256811 | 3.87% | 0.659% |
| 286 | 19.406 | 19.384 | 19.421 | VV | 1946   | 37371  | 0.56% | 0.096% |
| 287 | 19.432 | 19.421 | 19.448 | VV | 1655   | 24581  | 0.37% | 0.063% |
| 288 | 19.502 | 19.448 | 19.515 | VV | 1508   | 57907  | 0.87% | 0.149% |
| 289 | 19.534 | 19.515 | 19.568 | VV | 1683   | 37355  | 0.56% | 0.096% |
| 290 | 19.720 | 19.568 | 19.747 | VV | 3194   | 185201 | 2.79% | 0.475% |
| 291 | 19.784 | 19.747 | 19.802 | VV | 2282   | 74175  | 1.12% | 0.190% |
| 292 | 19.835 | 19.802 | 19.845 | VV | 2669   | 63836  | 0.96% | 0.164% |
| 293 | 19.851 | 19.845 | 19.871 | VV | 2539   | 35964  | 0.54% | 0.092% |
| 294 | 19.896 | 19.871 | 19.931 | VV | 2648   | 86415  | 1.30% | 0.222% |
| 295 | 20.012 | 19.931 | 20.041 | VV | 3777   | 192717 | 2.90% | 0.495% |
| 296 | 20.048 | 20.041 | 20.058 | VV | 3028   | 29308  | 0.44% | 0.075% |
| 297 | 20.092 | 20.058 | 20.154 | VV | 4805   | 204089 | 3.08% | 0.524% |
| 298 | 20.213 | 20.154 | 20.234 | VV | 3490   | 154375 | 2.33% | 0.396% |
| 299 | 20.347 | 20.234 | 20.374 | VV | 4668   | 323761 | 4.88% | 0.831% |

|     |        |        |        |    | rteres |        |       |        |
|-----|--------|--------|--------|----|--------|--------|-------|--------|
| 300 | 20.414 | 20.374 | 20.428 | VV | 4731   | 140548 | 2.12% | 0.361% |
| 301 | 20.459 | 20.428 | 20.478 | VV | 5737   | 159279 | 2.40% | 0.409% |
| 302 | 20.502 | 20.478 | 20.543 | VV | 5818   | 206226 | 3.11% | 0.529% |
| 303 | 20.561 | 20.543 | 20.574 | VV | 5223   | 95480  | 1.44% | 0.245% |
| 304 | 20.622 | 20.574 | 20.652 | VV | 8215   | 282964 | 4.26% | 0.726% |
| 305 | 20.711 | 20.652 | 20.722 | VV | 6840   | 261291 | 3.94% | 0.671% |
| 306 | 20.742 | 20.722 | 20.764 | VV | 6673   | 164222 | 2.47% | 0.422% |
| 307 | 20.771 | 20.764 | 20.790 | VV | 6496   | 98757  | 1.49% | 0.254% |
| 308 | 20.820 | 20.790 | 20.851 | VV | 7172   | 238669 | 3.60% | 0.613% |
| 309 | 20.914 | 20.851 | 20.951 | VV | 6588   | 377109 | 5.68% | 0.968% |
| 310 | 20.992 | 20.951 | 21.139 | VV | 7918   | 657376 | 9.91% | 1.688% |
| 311 | 21.149 | 21.139 | 21.156 | VV | 3989   | 39200  | 0.59% | 0.101% |
| 312 | 21.210 | 21.156 | 21.364 | VV | 5398   | 495332 | 7.46% | 1.272% |
| 313 | 21.391 | 21.364 | 21.415 | VV | 2759   | 82588  | 1.24% | 0.212% |
| 314 | 21.425 | 21.415 | 21.453 | VV | 2576   | 56101  | 0.85% | 0.144% |
| 315 | 21.463 | 21.453 | 21.472 | VV | 2400   | 27852  | 0.42% | 0.072% |
| 316 | 21.479 | 21.472 | 21.491 | VV | 2328   | 25105  | 0.38% | 0.064% |
| 317 | 21.540 | 21.491 | 21.603 | VV | 3425   | 189552 | 2.86% | 0.487% |
| 318 | 21.641 | 21.603 | 21.746 | VV | 3530   | 186835 | 2.82% | 0.480% |
| 319 | 21.823 | 21.746 | 21.860 | VV | 988    | 60669  | 0.91% | 0.156% |
| 320 | 21.929 | 21.860 | 21.941 | VV | 1088   | 46705  | 0.70% | 0.120% |
| 321 | 21.944 | 21.941 | 21.953 | VV | 937    | 6271   | 0.09% | 0.016% |
| 322 | 21.985 | 21.953 | 22.008 | VV | 929    | 28262  | 0.43% | 0.073% |
| 323 | 22.029 | 22.008 | 22.104 | VV | 905    | 33940  | 0.51% | 0.087% |
| 324 | 22.147 | 22.104 | 22.156 | PV | 265    | 4398   | 0.07% | 0.011% |
| 325 | 22.191 | 22.156 | 22.234 | VV | 514    | 10945  | 0.16% | 0.028% |

Sum of corrected areas: 38950020

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