

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE081723AL\  
 Data File : FE044029.D  
 Signal(s) : FID1B.ch  
 Acq On : 17 Aug 2023 19:13  
 Sample : 04045-04  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 080323.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         | 3.407       | 3.338        | 3.424      | BV       | 33             | -2680        | -0.04%         | -0.009%       |
| 2         | 3.467       | 3.424        | 3.487      | PV       | 570            | 5351         | 0.08%          | 0.019%        |
| 3         | 3.518       | 3.487        | 3.596      | VV       | 1964           | 27348        | 0.41%          | 0.095%        |
| 4         | 3.611       | 3.596        | 3.622      | VV       | 129            | 1520         | 0.02%          | 0.005%        |
| 5         | 3.680       | 3.622        | 3.709      | PV       | 2378           | 28788        | 0.44%          | 0.100%        |
| 6         | 3.760       | 3.709        | 3.779      | VV       | 3151           | 53475        | 0.81%          | 0.187%        |
| 7         | 3.804       | 3.779        | 3.844      | VV       | 41387          | 398554       | 6.04%          | 1.390%        |
| 8         | 3.854       | 3.844        | 3.878      | VV       | 260            | 4373         | 0.07%          | 0.015%        |
| 9         | 3.919       | 3.878        | 3.964      | VV       | 29812          | 283663       | 4.30%          | 0.989%        |
| 10        | 3.982       | 3.964        | 3.990      | VV       | 789            | 9385         | 0.14%          | 0.033%        |
| 11        | 4.008       | 3.990        | 4.058      | VV       | 3412           | 51928        | 0.79%          | 0.181%        |
| 12        | 4.074       | 4.058        | 4.094      | VV       | 3035           | 33968        | 0.51%          | 0.118%        |
| 13        | 4.110       | 4.094        | 4.143      | VV       | 1752           | 29530        | 0.45%          | 0.103%        |
| 14        | 4.166       | 4.143        | 4.213      | VV       | 1494           | 33458        | 0.51%          | 0.117%        |
| 15        | 4.290       | 4.213        | 4.335      | VV       | 2708           | 92359        | 1.40%          | 0.322%        |
| 16        | 4.348       | 4.335        | 4.384      | VV       | 1053           | 22895        | 0.35%          | 0.080%        |
| 17        | 4.414       | 4.384        | 4.424      | VV       | 665            | 14920        | 0.23%          | 0.052%        |
| 18        | 4.472       | 4.424        | 4.547      | VV       | 1263           | 52023        | 0.79%          | 0.181%        |
| 19        | 4.585       | 4.547        | 4.609      | VV       | 829            | 25932        | 0.39%          | 0.090%        |
| 20        | 4.620       | 4.609        | 4.638      | VV       | 689            | 10534        | 0.16%          | 0.037%        |
| 21        | 4.651       | 4.638        | 4.731      | VV       | 789            | 34209        | 0.52%          | 0.119%        |
| 22        | 4.751       | 4.731        | 4.774      | VV       | 890            | 17004        | 0.26%          | 0.059%        |
| 23        | 4.803       | 4.774        | 4.846      | VV       | 1192           | 30548        | 0.46%          | 0.107%        |
| 24        | 4.862       | 4.846        | 4.914      | VV       | 1164           | 27355        | 0.41%          | 0.095%        |
| 25        | 4.950       | 4.914        | 4.971      | VV       | 735            | 19534        | 0.30%          | 0.068%        |
| 26        | 5.009       | 4.971        | 5.031      | VV       | 744            | 21898        | 0.33%          | 0.076%        |
| 27        | 5.062       | 5.031        | 5.110      | VV       | 1232           | 37172        | 0.56%          | 0.130%        |
| 28        | 5.154       | 5.110        | 5.194      | VV       | 1580           | 48080        | 0.73%          | 0.168%        |
| 29        | 5.211       | 5.194        | 5.221      | VV       | 877            | 12520        | 0.19%          | 0.044%        |
| 30        | 5.241       | 5.221        | 5.264      | VV       | 841            | 19720        | 0.30%          | 0.069%        |
| 31        | 5.288       | 5.264        | 5.324      | VV       | 793            | 26090        | 0.40%          | 0.091%        |
| 32        | 5.350       | 5.324        | 5.394      | VV       | 1400           | 36896        | 0.56%          | 0.129%        |
| 33        | 5.402       | 5.394        | 5.434      | VV       | 764            | 17641        | 0.27%          | 0.062%        |
| 34        | 5.466       | 5.434        | 5.478      | VV       | 832            | 19004        | 0.29%          | 0.066%        |
| 35        | 5.488       | 5.478        | 5.503      | VV       | 788            | 11102        | 0.17%          | 0.039%        |
| 36        | 5.524       | 5.503        | 5.571      | VV       | 1166           | 34351        | 0.52%          | 0.120%        |

|    |       |       |       |    | rteres |       |       |        |
|----|-------|-------|-------|----|--------|-------|-------|--------|
| 37 | 5.592 | 5.571 | 5.618 | VV | 764    | 20607 | 0.31% | 0.072% |
| 38 | 5.689 | 5.618 | 5.710 | VV | 1176   | 45110 | 0.68% | 0.157% |
| 39 | 5.726 | 5.710 | 5.741 | VV | 835    | 14736 | 0.22% | 0.051% |
| 40 | 5.774 | 5.741 | 5.797 | VV | 993    | 28075 | 0.43% | 0.098% |
| 41 | 5.824 | 5.797 | 5.889 | VV | 1463   | 49012 | 0.74% | 0.171% |
| 42 | 5.915 | 5.889 | 5.934 | VV | 869    | 21485 | 0.33% | 0.075% |
| 43 | 5.941 | 5.934 | 5.950 | VV | 787    | 7399  | 0.11% | 0.026% |
| 44 | 5.963 | 5.950 | 5.998 | VV | 886    | 22950 | 0.35% | 0.080% |
| 45 | 6.008 | 5.998 | 6.018 | VV | 809    | 9170  | 0.14% | 0.032% |
| 46 | 6.035 | 6.018 | 6.056 | VV | 817    | 17756 | 0.27% | 0.062% |
| 47 | 6.065 | 6.056 | 6.075 | VV | 795    | 8666  | 0.13% | 0.030% |
| 48 | 6.089 | 6.075 | 6.121 | VV | 826    | 21755 | 0.33% | 0.076% |
| 49 | 6.132 | 6.121 | 6.148 | VV | 760    | 12101 | 0.18% | 0.042% |
| 50 | 6.158 | 6.148 | 6.183 | VV | 780    | 16181 | 0.25% | 0.056% |
| 51 | 6.201 | 6.183 | 6.212 | VV | 790    | 13184 | 0.20% | 0.046% |
| 52 | 6.223 | 6.212 | 6.241 | VV | 801    | 12840 | 0.19% | 0.045% |
| 53 | 6.249 | 6.241 | 6.261 | VV | 803    | 9086  | 0.14% | 0.032% |
| 54 | 6.288 | 6.261 | 6.358 | VV | 2482   | 63146 | 0.96% | 0.220% |
| 55 | 6.376 | 6.358 | 6.414 | VV | 862    | 26331 | 0.40% | 0.092% |
| 56 | 6.420 | 6.414 | 6.431 | VV | 704    | 7160  | 0.11% | 0.025% |
| 57 | 6.479 | 6.431 | 6.504 | VV | 1619   | 42532 | 0.64% | 0.148% |
| 58 | 6.545 | 6.504 | 6.558 | VV | 804    | 24755 | 0.38% | 0.086% |
| 59 | 6.587 | 6.558 | 6.627 | VV | 1143   | 35516 | 0.54% | 0.124% |
| 60 | 6.640 | 6.627 | 6.679 | VV | 822    | 23157 | 0.35% | 0.081% |
| 61 | 6.690 | 6.679 | 6.700 | VV | 728    | 8922  | 0.14% | 0.031% |
| 62 | 6.747 | 6.700 | 6.796 | VV | 857    | 42358 | 0.64% | 0.148% |
| 63 | 6.819 | 6.796 | 6.914 | VV | 742    | 46944 | 0.71% | 0.164% |
| 64 | 6.926 | 6.914 | 6.961 | VV | 665    | 16368 | 0.25% | 0.057% |
| 65 | 6.971 | 6.961 | 7.018 | VV | 632    | 18578 | 0.28% | 0.065% |
| 66 | 7.032 | 7.018 | 7.061 | VV | 638    | 14983 | 0.23% | 0.052% |
| 67 | 7.068 | 7.061 | 7.074 | VV | 655    | 4942  | 0.07% | 0.017% |
| 68 | 7.081 | 7.074 | 7.111 | VV | 599    | 12959 | 0.20% | 0.045% |
| 69 | 7.140 | 7.111 | 7.160 | VV | 1502   | 24858 | 0.38% | 0.087% |
| 70 | 7.198 | 7.160 | 7.207 | VV | 1248   | 26381 | 0.40% | 0.092% |
| 71 | 7.221 | 7.207 | 7.248 | VV | 1556   | 26488 | 0.40% | 0.092% |
| 72 | 7.289 | 7.248 | 7.352 | VV | 2270   | 61302 | 0.93% | 0.214% |
| 73 | 7.382 | 7.352 | 7.394 | VV | 771    | 16426 | 0.25% | 0.057% |
| 74 | 7.411 | 7.394 | 7.458 | VV | 926    | 26087 | 0.40% | 0.091% |
| 75 | 7.476 | 7.458 | 7.507 | VV | 2322   | 33885 | 0.51% | 0.118% |
| 76 | 7.522 | 7.507 | 7.543 | VV | 634    | 11639 | 0.18% | 0.041% |
| 77 | 7.563 | 7.543 | 7.604 | VV | 690    | 20413 | 0.31% | 0.071% |
| 78 | 7.614 | 7.604 | 7.628 | VV | 532    | 6954  | 0.11% | 0.024% |
| 79 | 7.638 | 7.628 | 7.644 | VV | 462    | 4657  | 0.07% | 0.016% |
| 80 | 7.651 | 7.644 | 7.661 | VV | 496    | 4636  | 0.07% | 0.016% |
| 81 | 7.707 | 7.661 | 7.744 | VV | 2022   | 43287 | 0.66% | 0.151% |
| 82 | 7.757 | 7.744 | 7.789 | VV | 579    | 13166 | 0.20% | 0.046% |
| 83 | 7.800 | 7.789 | 7.825 | VV | 506    | 9620  | 0.15% | 0.034% |
| 84 | 7.861 | 7.825 | 7.901 | VV | 494    | 20124 | 0.30% | 0.070% |
| 85 | 7.913 | 7.901 | 7.968 | VV | 536    | 18221 | 0.28% | 0.064% |
| 86 | 8.104 | 8.087 | 8.215 | VV | 1326   | 62065 | 0.94% | 0.216% |
| 87 | 8.233 | 8.215 | 8.249 | VV | 571    | 10897 | 0.17% | 0.038% |
| 88 | 8.277 | 8.249 | 8.288 | VV | 576    | 11863 | 0.18% | 0.041% |
| 89 | 8.317 | 8.288 | 8.344 | VV | 528    | 15915 | 0.24% | 0.056% |

|     |        |        |        |    |        |       |       |        |
|-----|--------|--------|--------|----|--------|-------|-------|--------|
|     |        |        |        |    | rteres |       |       |        |
| 90  | 8.351  | 8.344  | 8.361  | VV | 462    | 4338  | 0.07% | 0.015% |
| 91  | 8.395  | 8.361  | 8.435  | VV | 505    | 19402 | 0.29% | 0.068% |
| 92  | 8.464  | 8.435  | 8.481  | VV | 781    | 16205 | 0.25% | 0.057% |
| 93  | 8.501  | 8.481  | 8.516  | VV | 862    | 13879 | 0.21% | 0.048% |
| 94  | 8.542  | 8.516  | 8.560  | VV | 2633   | 39756 | 0.60% | 0.139% |
| 95  | 8.575  | 8.560  | 8.644  | VV | 1653   | 42365 | 0.64% | 0.148% |
| 96  | 8.683  | 8.644  | 8.711  | VV | 1250   | 26959 | 0.41% | 0.094% |
| 97  | 8.730  | 8.711  | 8.764  | VV | 776    | 15479 | 0.23% | 0.054% |
| 98  | 8.774  | 8.764  | 8.787  | VV | 372    | 4248  | 0.06% | 0.015% |
| 99  | 8.809  | 8.787  | 8.851  | VV | 1166   | 19333 | 0.29% | 0.067% |
| 100 | 8.979  | 8.966  | 9.001  | VV | 1230   | 19694 | 0.30% | 0.069% |
| 101 | 9.014  | 9.001  | 9.041  | VV | 693    | 15864 | 0.24% | 0.055% |
| 102 | 9.068  | 9.041  | 9.104  | VV | 770    | 22445 | 0.34% | 0.078% |
| 103 | 9.111  | 9.104  | 9.125  | VV | 557    | 5530  | 0.08% | 0.019% |
| 104 | 9.141  | 9.125  | 9.166  | VV | 630    | 12466 | 0.19% | 0.043% |
| 105 | 9.180  | 9.166  | 9.234  | VV | 526    | 16993 | 0.26% | 0.059% |
| 106 | 9.257  | 9.234  | 9.278  | VV | 565    | 9571  | 0.15% | 0.033% |
| 107 | 9.305  | 9.278  | 9.379  | VV | 1552   | 38425 | 0.58% | 0.134% |
| 108 | 9.403  | 9.379  | 9.428  | VV | 693    | 12902 | 0.20% | 0.045% |
| 109 | 9.434  | 9.428  | 9.518  | VV | 355    | 12681 | 0.19% | 0.044% |
| 110 | 9.554  | 9.518  | 9.564  | VV | 310    | 5432  | 0.08% | 0.019% |
| 111 | 9.578  | 9.564  | 9.618  | VV | 254    | 6711  | 0.10% | 0.023% |
| 112 | 9.637  | 9.618  | 9.649  | VV | 304    | 4121  | 0.06% | 0.014% |
| 113 | 9.663  | 9.649  | 9.673  | VV | 270    | 3266  | 0.05% | 0.011% |
| 114 | 9.682  | 9.673  | 9.701  | VV | 334    | 4240  | 0.06% | 0.015% |
| 115 | 9.724  | 9.701  | 9.749  | VV | 1057   | 17220 | 0.26% | 0.060% |
| 116 | 9.772  | 9.749  | 9.811  | VV | 860    | 18937 | 0.29% | 0.066% |
| 117 | 9.837  | 9.811  | 9.884  | VV | 433    | 15068 | 0.23% | 0.053% |
| 118 | 9.915  | 9.884  | 9.936  | VV | 492    | 10932 | 0.17% | 0.038% |
| 119 | 9.967  | 9.936  | 10.008 | VV | 528    | 12706 | 0.19% | 0.044% |
| 120 | 10.030 | 10.008 | 10.071 | VV | 393    | 11000 | 0.17% | 0.038% |
| 121 | 10.096 | 10.071 | 10.103 | VV | 482    | 6704  | 0.10% | 0.023% |
| 122 | 10.114 | 10.103 | 10.161 | VV | 510    | 10759 | 0.16% | 0.038% |
| 123 | 10.186 | 10.161 | 10.201 | VV | 828    | 12070 | 0.18% | 0.042% |
| 124 | 10.210 | 10.201 | 10.241 | VV | 521    | 7893  | 0.12% | 0.028% |
| 125 | 10.251 | 10.241 | 10.261 | VV | 201    | 1898  | 0.03% | 0.007% |
| 126 | 10.290 | 10.261 | 10.318 | VV | 270    | 6158  | 0.09% | 0.021% |
| 127 | 10.350 | 10.318 | 10.381 | VV | 201    | 5120  | 0.08% | 0.018% |
| 128 | 10.385 | 10.381 | 10.403 | VV | 224    | 1772  | 0.03% | 0.006% |
| 129 | 10.541 | 10.403 | 10.554 | VV | 515    | 17546 | 0.27% | 0.061% |
| 130 | 10.573 | 10.554 | 10.591 | VV | 271    | 6076  | 0.09% | 0.021% |
| 131 | 10.625 | 10.591 | 10.641 | VV | 478    | 10287 | 0.16% | 0.036% |
| 132 | 10.651 | 10.641 | 10.681 | VV | 498    | 9145  | 0.14% | 0.032% |
| 133 | 10.694 | 10.681 | 10.714 | VV | 285    | 5595  | 0.08% | 0.020% |
| 134 | 10.737 | 10.714 | 10.754 | VV | 376    | 6696  | 0.10% | 0.023% |
| 135 | 10.775 | 10.754 | 10.794 | VV | 485    | 9682  | 0.15% | 0.034% |
| 136 | 10.824 | 10.794 | 10.860 | VV | 1063   | 23537 | 0.36% | 0.082% |
| 137 | 10.878 | 10.860 | 10.893 | VV | 620    | 10341 | 0.16% | 0.036% |
| 138 | 10.925 | 10.893 | 10.958 | VV | 792    | 23542 | 0.36% | 0.082% |
| 139 | 10.978 | 10.958 | 10.996 | VV | 968    | 16936 | 0.26% | 0.059% |
| 140 | 11.017 | 10.996 | 11.058 | VV | 1042   | 25031 | 0.38% | 0.087% |
| 141 | 11.067 | 11.058 | 11.091 | VV | 574    | 8424  | 0.13% | 0.029% |

|     |        |        |        |    | rteres |         |         |         |
|-----|--------|--------|--------|----|--------|---------|---------|---------|
| 142 | 11.109 | 11.091 | 11.127 | VV | 591    | 10745   | 0.16%   | 0.037%  |
| 143 | 11.141 | 11.127 | 11.150 | VV | 632    | 7244    | 0.11%   | 0.025%  |
| 144 | 11.174 | 11.150 | 11.219 | VV | 6778   | 94364   | 1.43%   | 0.329%  |
| 145 | 11.249 | 11.219 | 11.311 | VV | 2494   | 46338   | 0.70%   | 0.162%  |
| 146 | 11.320 | 11.311 | 11.329 | VV | 297    | 2902    | 0.04%   | 0.010%  |
| 147 | 11.360 | 11.329 | 11.398 | VV | 420    | 13027   | 0.20%   | 0.045%  |
| 148 | 11.423 | 11.398 | 11.441 | VV | 361    | 7808    | 0.12%   | 0.027%  |
| 149 | 11.463 | 11.441 | 11.525 | VV | 1095   | 24330   | 0.37%   | 0.085%  |
| 150 | 11.558 | 11.525 | 11.581 | VV | 854    | 17231   | 0.26%   | 0.060%  |
| 151 | 11.632 | 11.581 | 11.654 | VV | 1034   | 26673   | 0.40%   | 0.093%  |
| 152 | 11.703 | 11.654 | 11.750 | VV | 787    | 28923   | 0.44%   | 0.101%  |
| 153 | 11.780 | 11.750 | 11.802 | VV | 594    | 11321   | 0.17%   | 0.039%  |
| 154 | 11.822 | 11.802 | 11.847 | VV | 552    | 10087   | 0.15%   | 0.035%  |
| 155 | 11.876 | 11.847 | 11.907 | VV | 873    | 16636   | 0.25%   | 0.058%  |
| 156 | 11.946 | 11.907 | 11.995 | VV | 599757 | 6600521 | 100.00% | 23.024% |
| 157 | 12.010 | 11.995 | 12.050 | VV | 1737   | 27470   | 0.42%   | 0.096%  |
| 158 | 12.091 | 12.050 | 12.111 | VV | 1459   | 31374   | 0.48%   | 0.109%  |
| 159 | 12.128 | 12.111 | 12.144 | VV | 1101   | 15634   | 0.24%   | 0.055%  |
| 160 | 12.158 | 12.144 | 12.190 | VV | 1264   | 17532   | 0.27%   | 0.061%  |
| 161 | 12.234 | 12.190 | 12.264 | VV | 447    | 12455   | 0.19%   | 0.043%  |
| 162 | 12.296 | 12.264 | 12.313 | VV | 696    | 13327   | 0.20%   | 0.046%  |
| 163 | 12.333 | 12.313 | 12.371 | VV | 2306   | 35075   | 0.53%   | 0.122%  |
| 164 | 12.387 | 12.371 | 12.421 | VV | 787    | 14218   | 0.22%   | 0.050%  |
| 165 | 12.449 | 12.421 | 12.500 | VV | 1326   | 24162   | 0.37%   | 0.084%  |
| 166 | 12.539 | 12.500 | 12.588 | VV | 29428  | 340631  | 5.16%   | 1.188%  |
| 167 | 12.595 | 12.588 | 12.644 | VV | 565    | 13768   | 0.21%   | 0.048%  |
| 168 | 12.674 | 12.644 | 12.683 | VV | 318    | 6577    | 0.10%   | 0.023%  |
| 169 | 12.699 | 12.683 | 12.712 | VV | 409    | 5820    | 0.09%   | 0.020%  |
| 170 | 12.721 | 12.712 | 12.731 | VV | 382    | 3936    | 0.06%   | 0.014%  |
| 171 | 12.749 | 12.731 | 12.757 | VV | 525    | 7166    | 0.11%   | 0.025%  |
| 172 | 12.769 | 12.757 | 12.808 | VV | 706    | 13111   | 0.20%   | 0.046%  |
| 173 | 12.826 | 12.808 | 12.853 | VV | 1439   | 19875   | 0.30%   | 0.069%  |
| 174 | 12.878 | 12.853 | 12.898 | VV | 1483   | 21054   | 0.32%   | 0.073%  |
| 175 | 12.937 | 12.898 | 12.966 | VV | 1198   | 28804   | 0.44%   | 0.100%  |
| 176 | 12.993 | 12.966 | 13.037 | VV | 19006  | 223503  | 3.39%   | 0.780%  |
| 177 | 13.054 | 13.037 | 13.074 | VV | 390    | 5353    | 0.08%   | 0.019%  |
| 178 | 13.130 | 13.074 | 13.142 | VV | 459    | 8123    | 0.12%   | 0.028%  |
| 179 | 13.197 | 13.142 | 13.250 | VV | 819    | 29784   | 0.45%   | 0.104%  |
| 180 | 13.291 | 13.250 | 13.325 | VV | 14062  | 169607  | 2.57%   | 0.592%  |
| 181 | 13.384 | 13.325 | 13.445 | VV | 408918 | 5117465 | 77.53%  | 17.851% |
| 182 | 13.487 | 13.445 | 13.521 | VV | 1035   | 25332   | 0.38%   | 0.088%  |
| 183 | 13.558 | 13.521 | 13.584 | PV | 1665   | 28121   | 0.43%   | 0.098%  |
| 184 | 13.598 | 13.584 | 13.649 | VV | 632    | 20100   | 0.30%   | 0.070%  |
| 185 | 13.688 | 13.649 | 13.709 | VV | 586    | 14835   | 0.22%   | 0.052%  |
| 186 | 13.771 | 13.709 | 13.838 | VV | 5937   | 103318  | 1.57%   | 0.360%  |
| 187 | 13.880 | 13.838 | 13.924 | VV | 2751   | 49806   | 0.75%   | 0.174%  |
| 188 | 13.951 | 13.924 | 13.965 | VV | 470    | 6845    | 0.10%   | 0.024%  |
| 189 | 13.990 | 13.965 | 14.010 | VV | 1468   | 22645   | 0.34%   | 0.079%  |
| 190 | 14.028 | 14.010 | 14.051 | VV | 1351   | 19936   | 0.30%   | 0.070%  |
| 191 | 14.080 | 14.051 | 14.101 | VV | 896    | 17795   | 0.27%   | 0.062%  |
| 192 | 14.136 | 14.101 | 14.144 | VV | 1374   | 22056   | 0.33%   | 0.077%  |
| 193 | 14.158 | 14.144 | 14.179 | VV | 1815   | 24898   | 0.38%   | 0.087%  |
| 194 | 14.199 | 14.179 | 14.244 | VV | 1110   | 18836   | 0.29%   | 0.066%  |

|     |        |        |        |    |        |        |       |        |
|-----|--------|--------|--------|----|--------|--------|-------|--------|
|     |        |        |        |    | rteres |        |       |        |
| 195 | 14.276 | 14.244 | 14.301 | VV | 456    | 8459   | 0.13% | 0.030% |
| 196 | 14.317 | 14.301 | 14.334 | VV | 246    | 3614   | 0.05% | 0.013% |
| 197 | 14.369 | 14.334 | 14.431 | VV | 289    | 10213  | 0.15% | 0.036% |
| 198 | 14.467 | 14.431 | 14.478 | PV | 135    | 1972   | 0.03% | 0.007% |
| 199 | 14.519 | 14.478 | 14.536 | VV | 343    | 6391   | 0.10% | 0.022% |
| 200 | 14.571 | 14.536 | 14.591 | VV | 2320   | 41676  | 0.63% | 0.145% |
| 201 | 14.613 | 14.591 | 14.673 | VV | 2519   | 48386  | 0.73% | 0.169% |
| 202 | 14.698 | 14.673 | 14.746 | VV | 1641   | 33992  | 0.51% | 0.119% |
| 203 | 14.795 | 14.746 | 14.838 | VV | 1921   | 46277  | 0.70% | 0.161% |
| 204 | 14.858 | 14.838 | 14.881 | VV | 2771   | 37511  | 0.57% | 0.131% |
| 205 | 14.917 | 14.881 | 14.944 | VV | 2270   | 38942  | 0.59% | 0.136% |
| 206 | 14.955 | 14.944 | 14.966 | VV | 224    | 2569   | 0.04% | 0.009% |
| 207 | 14.984 | 14.966 | 15.003 | VV | 368    | 4889   | 0.07% | 0.017% |
| 208 | 15.041 | 15.003 | 15.065 | VV | 598    | 12413  | 0.19% | 0.043% |
| 209 | 15.073 | 15.065 | 15.091 | VV | 389    | 3573   | 0.05% | 0.012% |
| 210 | 15.121 | 15.091 | 15.141 | VV | 750    | 10630  | 0.16% | 0.037% |
| 211 | 15.169 | 15.141 | 15.187 | VV | 7366   | 92948  | 1.41% | 0.324% |
| 212 | 15.209 | 15.187 | 15.265 | VV | 11220  | 175663 | 2.66% | 0.613% |
| 213 | 15.283 | 15.265 | 15.307 | VV | 1646   | 23859  | 0.36% | 0.083% |
| 214 | 15.332 | 15.307 | 15.384 | VV | 1721   | 35493  | 0.54% | 0.124% |
| 215 | 15.404 | 15.384 | 15.448 | VV | 1007   | 15964  | 0.24% | 0.056% |
| 216 | 15.474 | 15.448 | 15.494 | PV | 823    | 14048  | 0.21% | 0.049% |
| 217 | 15.510 | 15.494 | 15.565 | VV | 982    | 21906  | 0.33% | 0.076% |
| 218 | 15.651 | 15.565 | 15.731 | VV | 8727   | 267977 | 4.06% | 0.935% |
| 219 | 15.775 | 15.731 | 15.802 | VV | 6923   | 128246 | 1.94% | 0.447% |
| 220 | 15.834 | 15.802 | 15.864 | VV | 3911   | 83002  | 1.26% | 0.290% |
| 221 | 15.881 | 15.864 | 15.907 | VV | 1201   | 17368  | 0.26% | 0.061% |
| 222 | 15.926 | 15.907 | 15.937 | VV | 336    | 5017   | 0.08% | 0.017% |
| 223 | 16.003 | 15.937 | 16.049 | VV | 1273   | 39942  | 0.61% | 0.139% |
| 224 | 16.083 | 16.049 | 16.108 | VV | 843    | 13713  | 0.21% | 0.048% |
| 225 | 16.133 | 16.108 | 16.143 | PV | 258    | 3203   | 0.05% | 0.011% |
| 226 | 16.169 | 16.143 | 16.181 | VV | 835    | 11746  | 0.18% | 0.041% |
| 227 | 16.197 | 16.181 | 16.234 | VV | 1025   | 17366  | 0.26% | 0.061% |
| 228 | 16.261 | 16.234 | 16.300 | VV | 2134   | 32640  | 0.49% | 0.114% |
| 229 | 16.325 | 16.300 | 16.360 | VV | 583    | 11079  | 0.17% | 0.039% |
| 230 | 16.391 | 16.360 | 16.411 | VV | 284    | 5800   | 0.09% | 0.020% |
| 231 | 16.455 | 16.411 | 16.478 | PV | 873    | 18213  | 0.28% | 0.064% |
| 232 | 16.480 | 16.478 | 16.491 | VV | 581    | 3897   | 0.06% | 0.014% |
| 233 | 16.511 | 16.491 | 16.528 | VV | 873    | 13953  | 0.21% | 0.049% |
| 234 | 16.560 | 16.528 | 16.576 | VV | 1487   | 27735  | 0.42% | 0.097% |
| 235 | 16.591 | 16.576 | 16.613 | VV | 1348   | 23703  | 0.36% | 0.083% |
| 236 | 16.659 | 16.613 | 16.666 | VV | 2750   | 52113  | 0.79% | 0.182% |
| 237 | 16.682 | 16.666 | 16.695 | VV | 3088   | 48998  | 0.74% | 0.171% |
| 238 | 16.726 | 16.695 | 16.786 | VV | 14335  | 356608 | 5.40% | 1.244% |
| 239 | 16.824 | 16.786 | 16.845 | VV | 5488   | 109969 | 1.67% | 0.384% |
| 240 | 16.858 | 16.845 | 16.878 | VV | 3149   | 48135  | 0.73% | 0.168% |
| 241 | 16.914 | 16.878 | 16.925 | VV | 2350   | 56750  | 0.86% | 0.198% |
| 242 | 16.942 | 16.925 | 16.965 | VV | 2812   | 53474  | 0.81% | 0.187% |
| 243 | 16.973 | 16.965 | 16.991 | VV | 1604   | 23355  | 0.35% | 0.081% |
| 244 | 17.045 | 16.991 | 17.077 | VV | 8945   | 200662 | 3.04% | 0.700% |
| 245 | 17.105 | 17.077 | 17.157 | VV | 8534   | 146408 | 2.22% | 0.511% |
| 246 | 17.178 | 17.157 | 17.186 | VV | 1652   | 22620  | 0.34% | 0.079% |

|     |        |        |        |    | rteres |        |       |        |
|-----|--------|--------|--------|----|--------|--------|-------|--------|
| 247 | 17.208 | 17.186 | 17.237 | VV | 4324   | 73984  | 1.12% | 0.258% |
| 248 | 17.259 | 17.237 | 17.271 | VV | 2560   | 35821  | 0.54% | 0.125% |
| 249 | 17.286 | 17.271 | 17.318 | VV | 3303   | 50948  | 0.77% | 0.178% |
| 250 | 17.346 | 17.318 | 17.400 | VV | 907    | 26374  | 0.40% | 0.092% |
|     |        |        |        |    |        |        |       |        |
| 251 | 17.410 | 17.400 | 17.434 | VV | 371    | 3619   | 0.05% | 0.013% |
| 252 | 17.472 | 17.434 | 17.534 | PV | 1270   | 36310  | 0.55% | 0.127% |
| 253 | 17.549 | 17.534 | 17.562 | VV | 282    | 3564   | 0.05% | 0.012% |
| 254 | 17.624 | 17.562 | 17.641 | VV | 3428   | 89547  | 1.36% | 0.312% |
| 255 | 17.659 | 17.641 | 17.714 | VV | 4353   | 86034  | 1.30% | 0.300% |
|     |        |        |        |    |        |        |       |        |
| 256 | 17.746 | 17.714 | 17.793 | VV | 1045   | 32588  | 0.49% | 0.114% |
| 257 | 17.804 | 17.793 | 17.844 | VV | 373    | 7657   | 0.12% | 0.027% |
| 258 | 17.879 | 17.844 | 17.922 | PV | 415    | 9281   | 0.14% | 0.032% |
| 259 | 17.954 | 17.922 | 17.974 | PV | 195    | 3505   | 0.05% | 0.012% |
| 260 | 18.058 | 17.974 | 18.073 | VV | 1286   | 30845  | 0.47% | 0.108% |
|     |        |        |        |    |        |        |       |        |
| 261 | 18.099 | 18.073 | 18.131 | VV | 2767   | 48623  | 0.74% | 0.170% |
| 262 | 18.188 | 18.131 | 18.224 | VV | 3133   | 65122  | 0.99% | 0.227% |
| 263 | 18.243 | 18.224 | 18.298 | VV | 1391   | 32735  | 0.50% | 0.114% |
| 264 | 18.325 | 18.298 | 18.352 | VV | 1034   | 17667  | 0.27% | 0.062% |
| 265 | 18.384 | 18.352 | 18.400 | PV | 1845   | 26335  | 0.40% | 0.092% |
|     |        |        |        |    |        |        |       |        |
| 266 | 18.419 | 18.400 | 18.443 | VV | 1853   | 31828  | 0.48% | 0.111% |
| 267 | 18.479 | 18.443 | 18.498 | VV | 8147   | 158335 | 2.40% | 0.552% |
| 268 | 18.520 | 18.498 | 18.587 | VV | 9168   | 219929 | 3.33% | 0.767% |
| 269 | 18.613 | 18.587 | 18.627 | VV | 1941   | 35017  | 0.53% | 0.122% |
| 270 | 18.640 | 18.627 | 18.701 | VV | 1932   | 35961  | 0.54% | 0.125% |
|     |        |        |        |    |        |        |       |        |
| 271 | 18.728 | 18.701 | 18.783 | PV | 5936   | 85629  | 1.30% | 0.299% |
| 272 | 18.815 | 18.783 | 18.834 | VV | 644    | 12713  | 0.19% | 0.044% |
| 273 | 18.860 | 18.834 | 18.881 | VV | 1154   | 16826  | 0.25% | 0.059% |
| 274 | 18.932 | 18.881 | 18.990 | PV | 3602   | 78269  | 1.19% | 0.273% |
| 275 | 19.034 | 18.990 | 19.058 | PV | 2995   | 52181  | 0.79% | 0.182% |
|     |        |        |        |    |        |        |       |        |
| 276 | 19.088 | 19.058 | 19.111 | VV | 1539   | 33302  | 0.50% | 0.116% |
| 277 | 19.131 | 19.111 | 19.151 | VV | 948    | 15449  | 0.23% | 0.054% |
| 278 | 19.159 | 19.151 | 19.176 | VV | 559    | 6422   | 0.10% | 0.022% |
| 279 | 19.253 | 19.176 | 19.274 | VV | 947    | 33124  | 0.50% | 0.116% |
| 280 | 19.331 | 19.274 | 19.382 | VV | 8000   | 251981 | 3.82% | 0.879% |
|     |        |        |        |    |        |        |       |        |
| 281 | 19.402 | 19.382 | 19.421 | VV | 2207   | 45134  | 0.68% | 0.157% |
| 282 | 19.430 | 19.421 | 19.443 | VV | 1642   | 20176  | 0.31% | 0.070% |
| 283 | 19.464 | 19.443 | 19.498 | VV | 1971   | 45284  | 0.69% | 0.158% |
| 284 | 19.527 | 19.498 | 19.561 | VV | 2524   | 58489  | 0.89% | 0.204% |
| 285 | 19.591 | 19.561 | 19.604 | VV | 1344   | 27802  | 0.42% | 0.097% |
|     |        |        |        |    |        |        |       |        |
| 286 | 19.622 | 19.604 | 19.656 | VV | 1473   | 38298  | 0.58% | 0.134% |
| 287 | 19.679 | 19.656 | 19.691 | VV | 1380   | 26179  | 0.40% | 0.091% |
| 288 | 19.719 | 19.691 | 19.741 | VV | 2519   | 55290  | 0.84% | 0.193% |
| 289 | 19.776 | 19.741 | 19.799 | VV | 3883   | 84581  | 1.28% | 0.295% |
| 290 | 19.827 | 19.799 | 19.861 | VV | 3805   | 92407  | 1.40% | 0.322% |
|     |        |        |        |    |        |        |       |        |
| 291 | 19.886 | 19.861 | 19.921 | VV | 4691   | 106701 | 1.62% | 0.372% |
| 292 | 19.954 | 19.921 | 19.983 | VV | 3942   | 107874 | 1.63% | 0.376% |
| 293 | 20.007 | 19.983 | 20.023 | VV | 3263   | 70994  | 1.08% | 0.248% |
| 294 | 20.089 | 20.023 | 20.112 | VV | 4504   | 198010 | 3.00% | 0.691% |
| 295 | 20.124 | 20.112 | 20.151 | VV | 3959   | 83701  | 1.27% | 0.292% |
|     |        |        |        |    |        |        |       |        |
| 296 | 20.171 | 20.151 | 20.188 | VV | 3238   | 69261  | 1.05% | 0.242% |
| 297 | 20.196 | 20.188 | 20.202 | VV | 3098   | 25978  | 0.39% | 0.091% |
| 298 | 20.266 | 20.202 | 20.291 | VV | 5360   | 213650 | 3.24% | 0.745% |
| 299 | 20.334 | 20.291 | 20.371 | VV | 4558   | 200641 | 3.04% | 0.700% |

|                         |        |        |        |    | rteres   |        |        |        |
|-------------------------|--------|--------|--------|----|----------|--------|--------|--------|
| 300                     | 20.402 | 20.371 | 20.434 | VV | 4636     | 164964 | 2.50%  | 0.575% |
| 301                     | 20.462 | 20.434 | 20.480 | VV | 5500     | 138410 | 2.10%  | 0.483% |
| 302                     | 20.533 | 20.480 | 20.546 | VV | 5434     | 204328 | 3.10%  | 0.713% |
| 303                     | 20.620 | 20.546 | 20.654 | VV | 7587     | 397716 | 6.03%  | 1.387% |
| 304                     | 20.817 | 20.654 | 20.841 | VV | 8440     | 818763 | 12.40% | 2.856% |
| 305                     | 20.857 | 20.841 | 20.890 | VV | 8047     | 231154 | 3.50%  | 0.806% |
| 306                     | 21.073 | 20.890 | 21.081 | VV | 8072     | 883211 | 13.38% | 3.081% |
| 307                     | 21.097 | 21.081 | 21.159 | VV | 8009     | 345904 | 5.24%  | 1.207% |
| 308                     | 21.203 | 21.159 | 21.231 | VV | 7018     | 295460 | 4.48%  | 1.031% |
| 309                     | 21.297 | 21.231 | 21.321 | VV | 6851     | 363399 | 5.51%  | 1.268% |
| 310                     | 21.327 | 21.321 | 21.343 | VV | 6578     | 83949  | 1.27%  | 0.293% |
| 311                     | 21.368 | 21.343 | 21.430 | VV | 6374     | 318325 | 4.82%  | 1.110% |
| 312                     | 21.446 | 21.430 | 21.461 | VV | 5742     | 105955 | 1.61%  | 0.370% |
| 313                     | 21.468 | 21.461 | 21.481 | VV | 5637     | 66317  | 1.00%  | 0.231% |
| 314                     | 21.487 | 21.481 | 21.508 | VV | 5523     | 86973  | 1.32%  | 0.303% |
| 315                     | 21.568 | 21.508 | 21.608 | VV | 5401     | 311768 | 4.72%  | 1.088% |
| 316                     | 21.641 | 21.608 | 21.741 | VV | 5384     | 368927 | 5.59%  | 1.287% |
| 317                     | 21.827 | 21.741 | 21.841 | VV | 3682     | 215162 | 3.26%  | 0.751% |
| 318                     | 21.868 | 21.841 | 21.931 | VV | 3573     | 175568 | 2.66%  | 0.612% |
| 319                     | 21.949 | 21.931 | 21.993 | VV | 2710     | 88231  | 1.34%  | 0.308% |
| 320                     | 22.034 | 21.993 | 22.057 | VV | 1907     | 69111  | 1.05%  | 0.241% |
| 321                     | 22.068 | 22.057 | 22.094 | VV | 1676     | 34259  | 0.52%  | 0.120% |
| 322                     | 22.132 | 22.094 | 22.245 | VV | 1453     | 67350  | 1.02%  | 0.235% |
| Sum of corrected areas: |        |        |        |    | 28668225 |        |        |        |

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