

rteres

## Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE091323AL\  
 Data File : FE044263.D  
 Signal(s) : FID1B.ch  
 Acq On : 14 Sep 2023 00:16  
 Sample : 04407-02  
 Misc :  
 ALS Vial : 30 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 083023.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         | 3.260       | 3.185        | 3.283      | BV       | 13542          | 133651       | 2.08%          | 0.127%        |
| 2         | 3.294       | 3.283        | 3.353      | VV       | 943            | 9690         | 0.15%          | 0.009%        |
| 3         | 3.369       | 3.353        | 3.425      | PV       | 204            | 5670         | 0.09%          | 0.005%        |
| 4         | 3.446       | 3.425        | 3.464      | VV       | 654            | 8599         | 0.13%          | 0.008%        |
| 5         | 3.498       | 3.464        | 3.571      | VV       | 1198           | 31159        | 0.48%          | 0.030%        |
| 6         | 3.587       | 3.571        | 3.610      | VV       | 230            | 3842         | 0.06%          | 0.004%        |
| 7         | 3.656       | 3.610        | 3.705      | VV       | 2481           | 35641        | 0.55%          | 0.034%        |
| 8         | 3.739       | 3.705        | 3.757      | VV       | 2514           | 39934        | 0.62%          | 0.038%        |
| 9         | 3.784       | 3.757        | 3.858      | VV       | 19315          | 199731       | 3.11%          | 0.190%        |
| 10        | 3.900       | 3.858        | 3.939      | PV       | 14695          | 141087       | 2.19%          | 0.135%        |
| 11        | 3.988       | 3.939        | 4.035      | VV       | 2099           | 34755        | 0.54%          | 0.033%        |
| 12        | 4.052       | 4.035        | 4.070      | VV       | 2039           | 21580        | 0.34%          | 0.021%        |
| 13        | 4.086       | 4.070        | 4.127      | VV       | 2390           | 35514        | 0.55%          | 0.034%        |
| 14        | 4.146       | 4.127        | 4.201      | VV       | 2277           | 27587        | 0.43%          | 0.026%        |
| 15        | 4.275       | 4.201        | 4.318      | VV       | 4474           | 93510        | 1.45%          | 0.089%        |
| 16        | 4.330       | 4.318        | 4.368      | VV       | 678            | 11985        | 0.19%          | 0.011%        |
| 17        | 4.381       | 4.368        | 4.400      | VV       | 336            | 5159         | 0.08%          | 0.005%        |
| 18        | 4.414       | 4.400        | 4.435      | VV       | 283            | 4811         | 0.07%          | 0.005%        |
| 19        | 4.453       | 4.435        | 4.492      | VV       | 585            | 10392        | 0.16%          | 0.010%        |
| 20        | 4.531       | 4.492        | 4.611      | VV       | 1563           | 43977        | 0.68%          | 0.042%        |
| 21        | 4.641       | 4.611        | 4.662      | VV       | 754            | 16442        | 0.26%          | 0.016%        |
| 22        | 4.676       | 4.662        | 4.710      | VV       | 819            | 11809        | 0.18%          | 0.011%        |
| 23        | 4.729       | 4.710        | 4.744      | VV       | 382            | 5608         | 0.09%          | 0.005%        |
| 24        | 4.755       | 4.744        | 4.768      | VV       | 498            | 5560         | 0.09%          | 0.005%        |
| 25        | 4.782       | 4.768        | 4.801      | VV       | 794            | 11451        | 0.18%          | 0.011%        |
| 26        | 4.827       | 4.801        | 4.881      | VV       | 2559           | 60528        | 0.94%          | 0.058%        |
| 27        | 4.944       | 4.881        | 4.970      | VV       | 2055           | 58273        | 0.91%          | 0.056%        |
| 28        | 4.985       | 4.970        | 5.012      | VV       | 421            | 8110         | 0.13%          | 0.008%        |
| 29        | 5.036       | 5.012        | 5.081      | VV       | 1005           | 18506        | 0.29%          | 0.018%        |
| 30        | 5.098       | 5.081        | 5.111      | VV       | 344            | 4645         | 0.07%          | 0.004%        |
| 31        | 5.135       | 5.111        | 5.151      | VV       | 1065           | 14273        | 0.22%          | 0.014%        |

|    |       |       |       |    |        |        |       |        |
|----|-------|-------|-------|----|--------|--------|-------|--------|
|    |       |       |       |    | rteres |        |       |        |
| 32 | 5.182 | 5.151 | 5.241 | VV | 11408  | 151187 | 2.35% | 0.144% |
| 33 | 5.261 | 5.241 | 5.308 | VV | 603    | 13230  | 0.21% | 0.013% |
| 34 | 5.332 | 5.308 | 5.359 | VV | 711    | 10173  | 0.16% | 0.010% |
| 35 | 5.382 | 5.359 | 5.458 | VV | 200    | 6932   | 0.11% | 0.007% |
| 36 | 5.505 | 5.458 | 5.521 | VV | 421    | 7500   | 0.12% | 0.007% |
| 37 | 5.532 | 5.521 | 5.571 | VV | 236    | 3655   | 0.06% | 0.003% |
| 38 | 5.580 | 5.571 | 5.601 | VV | 170    | 1460   | 0.02% | 0.001% |
| 39 | 5.608 | 5.601 | 5.632 | VV | 81     | 1044   | 0.02% | 0.001% |
| 40 | 5.642 | 5.632 | 5.654 | VV | 134    | 932    | 0.01% | 0.001% |
| 41 | 5.667 | 5.654 | 5.685 | VV | 155    | 1574   | 0.02% | 0.002% |
| 42 | 5.703 | 5.685 | 5.733 | VV | 270    | 5607   | 0.09% | 0.005% |
| 43 | 5.759 | 5.733 | 5.784 | VV | 623    | 10510  | 0.16% | 0.010% |
| 44 | 5.807 | 5.784 | 5.828 | VV | 969    | 12311  | 0.19% | 0.012% |
| 45 | 5.849 | 5.828 | 5.870 | VV | 664    | 8641   | 0.13% | 0.008% |
| 46 | 5.896 | 5.870 | 5.921 | VV | 506    | 10223  | 0.16% | 0.010% |
| 47 | 5.948 | 5.921 | 5.957 | VV | 590    | 8279   | 0.13% | 0.008% |
| 48 | 5.970 | 5.957 | 5.998 | VV | 821    | 10834  | 0.17% | 0.010% |
| 49 | 6.010 | 5.998 | 6.028 | VV | 297    | 4067   | 0.06% | 0.004% |
| 50 | 6.036 | 6.028 | 6.075 | VV | 207    | 5064   | 0.08% | 0.005% |
| 51 | 6.089 | 6.075 | 6.128 | VV | 345    | 6863   | 0.11% | 0.007% |
| 52 | 6.162 | 6.128 | 6.201 | VV | 589    | 12798  | 0.20% | 0.012% |
| 53 | 6.234 | 6.201 | 6.246 | VV | 285    | 6478   | 0.10% | 0.006% |
| 54 | 6.271 | 6.246 | 6.305 | VV | 2790   | 33482  | 0.52% | 0.032% |
| 55 | 6.318 | 6.305 | 6.326 | VV | 255    | 2948   | 0.05% | 0.003% |
| 56 | 6.345 | 6.326 | 6.372 | VV | 550    | 8826   | 0.14% | 0.008% |
| 57 | 6.382 | 6.372 | 6.415 | VV | 210    | 4555   | 0.07% | 0.004% |
| 58 | 6.423 | 6.415 | 6.476 | VV | 245    | 7860   | 0.12% | 0.007% |
| 59 | 6.502 | 6.476 | 6.534 | VV | 244    | 5910   | 0.09% | 0.006% |
| 60 | 6.568 | 6.534 | 6.611 | VV | 631    | 12841  | 0.20% | 0.012% |
| 61 | 6.626 | 6.611 | 6.645 | VV | 251    | 3939   | 0.06% | 0.004% |
| 62 | 6.663 | 6.645 | 6.717 | VV | 419    | 10364  | 0.16% | 0.010% |
| 63 | 6.731 | 6.717 | 6.768 | VV | 288    | 5845   | 0.09% | 0.006% |
| 64 | 6.777 | 6.768 | 6.785 | VV | 190    | 1605   | 0.02% | 0.002% |
| 65 | 6.791 | 6.785 | 6.798 | VV | 186    | 1124   | 0.02% | 0.001% |
| 66 | 6.817 | 6.798 | 6.870 | VV | 317    | 7958   | 0.12% | 0.008% |
| 67 | 6.888 | 6.870 | 6.910 | VV | 230    | 3237   | 0.05% | 0.003% |
| 68 | 6.924 | 6.910 | 6.933 | PV | 169    | 1299   | 0.02% | 0.001% |
| 69 | 6.960 | 6.933 | 6.981 | VV | 95     | 1806   | 0.03% | 0.002% |
| 70 | 7.010 | 6.981 | 7.032 | VV | 183    | 3681   | 0.06% | 0.004% |
| 71 | 7.050 | 7.032 | 7.108 | VV | 205    | 4818   | 0.07% | 0.005% |
| 72 | 7.122 | 7.108 | 7.148 | VV | 587    | 8466   | 0.13% | 0.008% |
| 73 | 7.159 | 7.148 | 7.166 | VV | 307    | 3119   | 0.05% | 0.003% |
| 74 | 7.179 | 7.166 | 7.191 | VV | 462    | 5223   | 0.08% | 0.005% |
| 75 | 7.208 | 7.191 | 7.234 | VV | 1552   | 19641  | 0.31% | 0.019% |
| 76 | 7.271 | 7.234 | 7.321 | VV | 1330   | 29430  | 0.46% | 0.028% |
| 77 | 7.365 | 7.321 | 7.377 | VV | 1032   | 15951  | 0.25% | 0.015% |
| 78 | 7.401 | 7.377 | 7.436 | VV | 2385   | 40389  | 0.63% | 0.039% |
| 79 | 7.458 | 7.436 | 7.487 | VV | 2128   | 25515  | 0.40% | 0.024% |

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|-----|--------|--------|--------|----|-------|--------|-------|--------|
| 80  | 7.505  | 7.487  | 7.527  | VV | 374   | 5438   | 0.08% | 0.005% |
| 81  | 7.544  | 7.527  | 7.574  | VV | 242   | 5257   | 0.08% | 0.005% |
| 82  | 7.583  | 7.574  | 7.609  | VV | 201   | 2799   | 0.04% | 0.003% |
| 83  | 7.689  | 7.609  | 7.725  | VV | 1984  | 36873  | 0.57% | 0.035% |
| 84  | 7.737  | 7.725  | 7.781  | VV | 307   | 6034   | 0.09% | 0.006% |
| 85  | 7.805  | 7.781  | 7.820  | VV | 146   | 2255   | 0.04% | 0.002% |
| 86  | 7.847  | 7.820  | 7.863  | PV | 7965  | 77814  | 1.21% | 0.074% |
| 87  | 7.883  | 7.863  | 7.925  | VV | 23409 | 243883 | 3.79% | 0.233% |
| 88  | 7.943  | 7.925  | 7.954  | VV | 524   | 6712   | 0.10% | 0.006% |
| 89  | 8.088  | 8.071  | 8.119  | VV | 1677  | 37316  | 0.58% | 0.036% |
| 90  | 8.133  | 8.119  | 8.144  | VV | 1054  | 12821  | 0.20% | 0.012% |
| 91  | 8.155  | 8.144  | 8.178  | VV | 1220  | 14543  | 0.23% | 0.014% |
| 92  | 8.187  | 8.178  | 8.198  | VV | 306   | 2983   | 0.05% | 0.003% |
| 93  | 8.233  | 8.198  | 8.277  | VV | 1743  | 41525  | 0.65% | 0.040% |
| 94  | 8.289  | 8.277  | 8.345  | VV | 404   | 8397   | 0.13% | 0.008% |
| 95  | 8.375  | 8.345  | 8.411  | PV | 702   | 13655  | 0.21% | 0.013% |
| 96  | 8.481  | 8.411  | 8.495  | VV | 665   | 18453  | 0.29% | 0.018% |
| 97  | 8.526  | 8.495  | 8.609  | VV | 37230 | 491481 | 7.64% | 0.469% |
| 98  | 8.624  | 8.609  | 8.641  | VV | 585   | 8666   | 0.13% | 0.008% |
| 99  | 8.665  | 8.641  | 8.685  | VV | 721   | 14104  | 0.22% | 0.013% |
| 100 | 8.714  | 8.685  | 8.736  | VV | 1150  | 19030  | 0.30% | 0.018% |
| 101 | 8.748  | 8.736  | 8.771  | VV | 401   | 5990   | 0.09% | 0.006% |
| 102 | 8.792  | 8.771  | 8.831  | VV | 1642  | 21086  | 0.33% | 0.020% |
| 103 | 9.013  | 8.978  | 9.059  | VV | 1230  | 36438  | 0.57% | 0.035% |
| 104 | 9.080  | 9.059  | 9.114  | VV | 1324  | 23420  | 0.36% | 0.022% |
| 105 | 9.126  | 9.114  | 9.144  | VV | 370   | 5805   | 0.09% | 0.006% |
| 106 | 9.165  | 9.144  | 9.192  | VV | 610   | 13789  | 0.21% | 0.013% |
| 107 | 9.206  | 9.192  | 9.228  | VV | 789   | 12707  | 0.20% | 0.012% |
| 108 | 9.241  | 9.228  | 9.264  | VV | 574   | 9377   | 0.15% | 0.009% |
| 109 | 9.291  | 9.264  | 9.339  | VV | 1670  | 35441  | 0.55% | 0.034% |
| 110 | 9.382  | 9.339  | 9.402  | VV | 896   | 17393  | 0.27% | 0.017% |
| 111 | 9.421  | 9.402  | 9.468  | VV | 649   | 16355  | 0.25% | 0.016% |
| 112 | 9.482  | 9.468  | 9.498  | VV | 366   | 4663   | 0.07% | 0.004% |
| 113 | 9.535  | 9.498  | 9.551  | PV | 545   | 10880  | 0.17% | 0.010% |
| 114 | 9.566  | 9.551  | 9.605  | VV | 624   | 11430  | 0.18% | 0.011% |
| 115 | 9.618  | 9.605  | 9.639  | VV | 527   | 5649   | 0.09% | 0.005% |
| 116 | 9.671  | 9.639  | 9.691  | PV | 919   | 12240  | 0.19% | 0.012% |
| 117 | 9.709  | 9.691  | 9.731  | VV | 1923  | 24589  | 0.38% | 0.023% |
| 118 | 9.755  | 9.731  | 9.801  | VV | 1037  | 23475  | 0.37% | 0.022% |
| 119 | 9.831  | 9.801  | 9.885  | PV | 950   | 23868  | 0.37% | 0.023% |
| 120 | 9.904  | 9.885  | 9.917  | VV | 396   | 4257   | 0.07% | 0.004% |
| 121 | 9.953  | 9.917  | 9.973  | VV | 920   | 20360  | 0.32% | 0.019% |
| 122 | 9.998  | 9.973  | 10.018 | VV | 1524  | 23663  | 0.37% | 0.023% |
| 123 | 10.043 | 10.018 | 10.060 | VV | 688   | 13729  | 0.21% | 0.013% |
| 124 | 10.079 | 10.060 | 10.090 | VV | 1049  | 13777  | 0.21% | 0.013% |
| 125 | 10.106 | 10.090 | 10.120 | VV | 1106  | 17508  | 0.27% | 0.017% |
| 126 | 10.131 | 10.120 | 10.149 | VV | 925   | 12260  | 0.19% | 0.012% |

|     |        |        |        |    |        |         |         |        |
|-----|--------|--------|--------|----|--------|---------|---------|--------|
|     |        |        |        |    | rteres |         |         |        |
| 127 | 10.175 | 10.149 | 10.225 | VV | 1419   | 32300   | 0.50%   | 0.031% |
| 128 | 10.272 | 10.225 | 10.303 | VV | 854    | 20393   | 0.32%   | 0.019% |
| 129 | 10.343 | 10.303 | 10.369 | PV | 1169   | 23055   | 0.36%   | 0.022% |
| 130 | 10.379 | 10.369 | 10.392 | VV | 479    | 4949    | 0.08%   | 0.005% |
| 131 | 10.437 | 10.392 | 10.456 | VV | 872    | 19852   | 0.31%   | 0.019% |
| 132 | 10.500 | 10.456 | 10.535 | VV | 1088   | 26859   | 0.42%   | 0.026% |
| 133 | 10.556 | 10.535 | 10.582 | PV | 3045   | 44081   | 0.69%   | 0.042% |
| 134 | 10.609 | 10.582 | 10.617 | VV | 2123   | 29463   | 0.46%   | 0.028% |
| 135 | 10.635 | 10.617 | 10.660 | VV | 2965   | 51443   | 0.80%   | 0.049% |
| 136 | 10.680 | 10.660 | 10.710 | VV | 2958   | 51058   | 0.79%   | 0.049% |
| 137 | 10.728 | 10.710 | 10.739 | VV | 2522   | 31966   | 0.50%   | 0.030% |
| 138 | 10.754 | 10.739 | 10.791 | VV | 2996   | 61869   | 0.96%   | 0.059% |
| 139 | 10.836 | 10.791 | 10.871 | VV | 319256 | 3624905 | 56.36%  | 3.456% |
| 140 | 10.894 | 10.871 | 10.908 | VV | 2241   | 43809   | 0.68%   | 0.042% |
| 141 | 10.926 | 10.908 | 10.944 | VV | 2836   | 45409   | 0.71%   | 0.043% |
| 142 | 10.964 | 10.944 | 10.998 | VV | 3018   | 69529   | 1.08%   | 0.066% |
| 143 | 11.027 | 10.998 | 11.042 | VV | 2403   | 50834   | 0.79%   | 0.048% |
| 144 | 11.060 | 11.042 | 11.079 | VV | 2416   | 35926   | 0.56%   | 0.034% |
| 145 | 11.158 | 11.079 | 11.215 | VV | 7371   | 277288  | 4.31%   | 0.264% |
| 146 | 11.236 | 11.215 | 11.251 | VV | 2910   | 52128   | 0.81%   | 0.050% |
| 147 | 11.254 | 11.251 | 11.275 | VV | 2682   | 27676   | 0.43%   | 0.026% |
| 148 | 11.296 | 11.275 | 11.312 | VV | 2105   | 38605   | 0.60%   | 0.037% |
| 149 | 11.336 | 11.312 | 11.359 | VV | 5822   | 93809   | 1.46%   | 0.089% |
| 150 | 11.379 | 11.359 | 11.396 | VV | 6024   | 84798   | 1.32%   | 0.081% |
| 151 | 11.411 | 11.396 | 11.432 | VV | 3724   | 71916   | 1.12%   | 0.069% |
| 152 | 11.472 | 11.432 | 11.493 | VV | 7576   | 180117  | 2.80%   | 0.172% |
| 153 | 11.519 | 11.493 | 11.537 | VV | 7567   | 155628  | 2.42%   | 0.148% |
| 154 | 11.555 | 11.537 | 11.574 | VV | 6981   | 130096  | 2.02%   | 0.124% |
| 155 | 11.589 | 11.574 | 11.601 | VV | 5383   | 86903   | 1.35%   | 0.083% |
| 156 | 11.625 | 11.601 | 11.666 | VV | 8360   | 256494  | 3.99%   | 0.245% |
| 157 | 11.686 | 11.666 | 11.718 | VV | 7167   | 177088  | 2.75%   | 0.169% |
| 158 | 11.753 | 11.718 | 11.785 | VV | 7181   | 223494  | 3.48%   | 0.213% |
| 159 | 11.814 | 11.785 | 11.835 | VV | 6993   | 175894  | 2.73%   | 0.168% |
| 160 | 11.856 | 11.835 | 11.886 | VV | 7380   | 199246  | 3.10%   | 0.190% |
| 161 | 11.932 | 11.886 | 11.978 | VV | 562541 | 6431299 | 100.00% | 6.131% |
| 162 | 11.996 | 11.978 | 12.031 | VV | 12691  | 269830  | 4.20%   | 0.257% |
| 163 | 12.062 | 12.031 | 12.094 | VV | 10335  | 328264  | 5.10%   | 0.313% |
| 164 | 12.114 | 12.094 | 12.130 | VV | 15344  | 239830  | 3.73%   | 0.229% |
| 165 | 12.147 | 12.130 | 12.172 | VV | 12745  | 258704  | 4.02%   | 0.247% |
| 166 | 12.181 | 12.172 | 12.198 | VV | 8105   | 115084  | 1.79%   | 0.110% |
| 167 | 12.221 | 12.198 | 12.237 | VV | 11531  | 222395  | 3.46%   | 0.212% |
| 168 | 12.256 | 12.237 | 12.266 | VV | 12125  | 189168  | 2.94%   | 0.180% |
| 169 | 12.292 | 12.266 | 12.318 | VV | 14271  | 394076  | 6.13%   | 0.376% |
| 170 | 12.331 | 12.318 | 12.347 | VV | 12577  | 205645  | 3.20%   | 0.196% |
| 171 | 12.368 | 12.347 | 12.389 | VV | 13064  | 279813  | 4.35%   | 0.267% |
| 172 | 12.398 | 12.389 | 12.411 | VV | 10035  | 127650  | 1.98%   | 0.122% |
| 173 | 12.435 | 12.411 | 12.458 | VV | 14109  | 328391  | 5.11%   | 0.313% |
| 174 | 12.465 | 12.458 | 12.479 | VV | 12001  | 138275  | 2.15%   | 0.132% |

|     |        |        |        |    |                 |         |        |        |
|-----|--------|--------|--------|----|-----------------|---------|--------|--------|
| 175 | 12.530 | 12.479 | 12.561 | VV | rteres<br>65649 | 1185979 | 18.44% | 1.131% |
| 176 | 12.577 | 12.561 | 12.620 | VV | 13719           | 420080  | 6.53%  | 0.400% |
| 177 | 12.645 | 12.620 | 12.678 | VV | 16382           | 473264  | 7.36%  | 0.451% |
| 178 | 12.703 | 12.678 | 12.736 | VV | 14654           | 434964  | 6.76%  | 0.415% |
| 179 | 12.764 | 12.736 | 12.801 | VV | 16627           | 532132  | 8.27%  | 0.507% |
| 180 | 12.834 | 12.801 | 12.844 | VV | 14289           | 323771  | 5.03%  | 0.309% |
| 181 | 12.867 | 12.844 | 12.889 | VV | 25861           | 521795  | 8.11%  | 0.497% |
| 182 | 12.902 | 12.889 | 12.913 | VV | 17763           | 248700  | 3.87%  | 0.237% |
| 183 | 12.928 | 12.913 | 12.960 | VV | 19557           | 453327  | 7.05%  | 0.432% |
| 184 | 12.984 | 12.960 | 13.021 | VV | 22283           | 639809  | 9.95%  | 0.610% |
| 185 | 13.044 | 13.021 | 13.068 | VV | 15841           | 399556  | 6.21%  | 0.381% |
| 186 | 13.084 | 13.068 | 13.094 | VV | 14205           | 218636  | 3.40%  | 0.208% |
| 187 | 13.111 | 13.094 | 13.126 | VV | 15130           | 263075  | 4.09%  | 0.251% |
| 188 | 13.191 | 13.126 | 13.201 | VV | 17286           | 693208  | 10.78% | 0.661% |
| 189 | 13.224 | 13.201 | 13.252 | VV | 19530           | 539059  | 8.38%  | 0.514% |
| 190 | 13.278 | 13.252 | 13.335 | VV | 21210           | 831265  | 12.93% | 0.792% |
| 191 | 13.371 | 13.335 | 13.400 | VV | 402838          | 5313566 | 82.62% | 5.066% |
| 192 | 13.414 | 13.400 | 13.441 | VV | 23829           | 511961  | 7.96%  | 0.488% |
| 193 | 13.449 | 13.441 | 13.500 | VV | 18588           | 571376  | 8.88%  | 0.545% |
| 194 | 13.555 | 13.500 | 13.583 | VV | 21458           | 870114  | 13.53% | 0.830% |
| 195 | 13.613 | 13.583 | 13.638 | VV | 23402           | 657713  | 10.23% | 0.627% |
| 196 | 13.646 | 13.638 | 13.661 | VV | 17043           | 232091  | 3.61%  | 0.221% |
| 197 | 13.678 | 13.661 | 13.689 | VV | 18750           | 286131  | 4.45%  | 0.273% |
| 198 | 13.707 | 13.689 | 13.735 | VV | 22265           | 509412  | 7.92%  | 0.486% |
| 199 | 13.762 | 13.735 | 13.844 | VV | 26648           | 1295846 | 20.15% | 1.235% |
| 200 | 13.871 | 13.844 | 13.894 | VV | 21508           | 570563  | 8.87%  | 0.544% |
| 201 | 13.939 | 13.894 | 13.958 | VV | 18006           | 655569  | 10.19% | 0.625% |
| 202 | 13.980 | 13.958 | 13.999 | VV | 20245           | 471620  | 7.33%  | 0.450% |
| 203 | 14.015 | 13.999 | 14.029 | VV | 19079           | 331334  | 5.15%  | 0.316% |
| 204 | 14.049 | 14.029 | 14.091 | VV | 22619           | 741534  | 11.53% | 0.707% |
| 205 | 14.102 | 14.091 | 14.115 | VV | 18267           | 247828  | 3.85%  | 0.236% |
| 206 | 14.144 | 14.115 | 14.211 | VV | 23541           | 1103333 | 17.16% | 1.052% |
| 207 | 14.259 | 14.211 | 14.266 | VV | 16682           | 543441  | 8.45%  | 0.518% |
| 208 | 14.282 | 14.266 | 14.300 | VV | 17500           | 335262  | 5.21%  | 0.320% |
| 209 | 14.347 | 14.300 | 14.391 | VV | 18642           | 899018  | 13.98% | 0.857% |
| 210 | 14.420 | 14.391 | 14.448 | VV | 18133           | 554305  | 8.62%  | 0.528% |
| 211 | 14.460 | 14.448 | 14.471 | VV | 16740           | 218900  | 3.40%  | 0.209% |
| 212 | 14.489 | 14.471 | 14.532 | VV | 19166           | 648339  | 10.08% | 0.618% |
| 213 | 14.557 | 14.532 | 14.568 | VV | 18111           | 374926  | 5.83%  | 0.357% |
| 214 | 14.591 | 14.568 | 14.661 | VV | 20018           | 995088  | 15.47% | 0.949% |
| 215 | 14.686 | 14.661 | 14.701 | VV | 19536           | 420351  | 6.54%  | 0.401% |
| 216 | 14.710 | 14.701 | 14.747 | VV | 18275           | 471001  | 7.32%  | 0.449% |
| 217 | 14.758 | 14.747 | 14.765 | VV | 16747           | 175751  | 2.73%  | 0.168% |
| 218 | 14.804 | 14.765 | 14.837 | VV | 19212           | 759057  | 11.80% | 0.724% |
| 219 | 14.851 | 14.837 | 14.870 | VV | 16977           | 310955  | 4.84%  | 0.296% |
| 220 | 14.909 | 14.870 | 14.922 | VV | 15766           | 458853  | 7.13%  | 0.437% |
| 221 | 14.939 | 14.922 | 14.955 | VV | 15982           | 303096  | 4.71%  | 0.289% |

|     |        |        |        |    |        |         |        |        |
|-----|--------|--------|--------|----|--------|---------|--------|--------|
|     |        |        |        |    | rteres |         |        |        |
| 222 | 14.970 | 14.955 | 15.007 | VV | 16176  | 453814  | 7.06%  | 0.433% |
| 223 | 15.017 | 15.007 | 15.071 | VV | 13237  | 477628  | 7.43%  | 0.455% |
| 224 | 15.122 | 15.071 | 15.138 | VV | 14594  | 535891  | 8.33%  | 0.511% |
| 225 | 15.157 | 15.138 | 15.183 | VV | 16524  | 388360  | 6.04%  | 0.370% |
| 226 | 15.201 | 15.183 | 15.215 | VV | 15233  | 261390  | 4.06%  | 0.249% |
| 227 | 15.227 | 15.215 | 15.238 | VV | 13969  | 185332  | 2.88%  | 0.177% |
| 228 | 15.274 | 15.238 | 15.294 | VV | 14419  | 454837  | 7.07%  | 0.434% |
| 229 | 15.313 | 15.294 | 15.348 | VV | 14046  | 425291  | 6.61%  | 0.405% |
| 230 | 15.365 | 15.348 | 15.397 | VV | 14162  | 364667  | 5.67%  | 0.348% |
| 231 | 15.424 | 15.397 | 15.443 | VV | 12513  | 322557  | 5.02%  | 0.308% |
| 232 | 15.474 | 15.443 | 15.513 | VV | 12690  | 477490  | 7.42%  | 0.455% |
| 233 | 15.530 | 15.513 | 15.548 | VV | 11080  | 218789  | 3.40%  | 0.209% |
| 234 | 15.558 | 15.548 | 15.571 | VV | 10200  | 140086  | 2.18%  | 0.134% |
| 235 | 15.647 | 15.571 | 15.701 | VV | 27394  | 1200222 | 18.66% | 1.144% |
| 236 | 15.751 | 15.701 | 15.781 | VV | 11708  | 496751  | 7.72%  | 0.474% |
| 237 | 15.821 | 15.781 | 15.840 | VV | 15015  | 421771  | 6.56%  | 0.402% |
| 238 | 15.873 | 15.840 | 15.910 | VV | 313893 | 4321375 | 67.19% | 4.120% |
| 239 | 15.966 | 15.910 | 15.984 | VV | 8756   | 353855  | 5.50%  | 0.337% |
| 240 | 16.003 | 15.984 | 16.028 | VV | 9156   | 221999  | 3.45%  | 0.212% |
| 241 | 16.067 | 16.028 | 16.081 | VV | 9701   | 273861  | 4.26%  | 0.261% |
| 242 | 16.109 | 16.081 | 16.183 | VV | 83176  | 1894598 | 29.46% | 1.806% |
| 243 | 16.201 | 16.183 | 16.231 | VV | 6905   | 187733  | 2.92%  | 0.179% |
| 244 | 16.276 | 16.231 | 16.318 | VV | 71722  | 1253978 | 19.50% | 1.195% |
| 245 | 16.346 | 16.318 | 16.371 | VV | 23737  | 399071  | 6.21%  | 0.380% |
| 246 | 16.423 | 16.371 | 16.467 | VV | 40064  | 829033  | 12.89% | 0.790% |
| 247 | 16.494 | 16.467 | 16.539 | VV | 27176  | 761108  | 11.83% | 0.726% |
| 248 | 16.569 | 16.539 | 16.598 | VV | 15571  | 381191  | 5.93%  | 0.363% |
| 249 | 16.660 | 16.598 | 16.701 | VV | 30457  | 934280  | 14.53% | 0.891% |
| 250 | 16.732 | 16.701 | 16.770 | VV | 14262  | 402738  | 6.26%  | 0.384% |
| 251 | 16.812 | 16.770 | 16.838 | VV | 12745  | 329542  | 5.12%  | 0.314% |
| 252 | 16.880 | 16.838 | 16.921 | VV | 10162  | 385844  | 6.00%  | 0.368% |
| 253 | 16.949 | 16.921 | 16.985 | VV | 7412   | 242504  | 3.77%  | 0.231% |
| 254 | 17.008 | 16.985 | 17.020 | VV | 7421   | 128438  | 2.00%  | 0.122% |
| 255 | 17.048 | 17.020 | 17.127 | VV | 8334   | 420856  | 6.54%  | 0.401% |
| 256 | 17.199 | 17.127 | 17.208 | VV | 9176   | 297167  | 4.62%  | 0.283% |
| 257 | 17.224 | 17.208 | 17.265 | VV | 9823   | 280940  | 4.37%  | 0.268% |
| 258 | 17.274 | 17.265 | 17.290 | VV | 6575   | 94539   | 1.47%  | 0.090% |
| 259 | 17.303 | 17.290 | 17.317 | VV | 6087   | 92837   | 1.44%  | 0.089% |
| 260 | 17.329 | 17.317 | 17.355 | VV | 5852   | 121133  | 1.88%  | 0.115% |
| 261 | 17.393 | 17.355 | 17.403 | VV | 5682   | 141880  | 2.21%  | 0.135% |
| 262 | 17.439 | 17.403 | 17.475 | VV | 8226   | 265580  | 4.13%  | 0.253% |
| 263 | 17.518 | 17.475 | 17.557 | VV | 4879   | 182755  | 2.84%  | 0.174% |
| 264 | 17.615 | 17.557 | 17.634 | VV | 6997   | 230459  | 3.58%  | 0.220% |
| 265 | 17.647 | 17.634 | 17.681 | VV | 6169   | 127668  | 1.99%  | 0.122% |
| 266 | 17.688 | 17.681 | 17.710 | VV | 3184   | 45195   | 0.70%  | 0.043% |
| 267 | 17.730 | 17.710 | 17.747 | VV | 3761   | 69639   | 1.08%  | 0.066% |
| 268 | 17.771 | 17.747 | 17.802 | VV | 5503   | 131832  | 2.05%  | 0.126% |
| 269 | 17.820 | 17.802 | 17.837 | VV | 3341   | 56877   | 0.88%  | 0.054% |

|     |        |        |        |    |       |         |        |        |
|-----|--------|--------|--------|----|-------|---------|--------|--------|
| 270 | 17.851 | 17.837 | 17.885 | VV | 3330  | 65602   | 1.02%  | 0.063% |
| 271 | 17.901 | 17.885 | 17.909 | VV | 1896  | 25038   | 0.39%  | 0.024% |
| 272 | 17.938 | 17.909 | 17.966 | VV | 3070  | 81720   | 1.27%  | 0.078% |
| 273 | 17.985 | 17.966 | 18.021 | VV | 3685  | 106595  | 1.66%  | 0.102% |
| 274 | 18.087 | 18.021 | 18.115 | VV | 5815  | 214430  | 3.33%  | 0.204% |
| 275 | 18.127 | 18.115 | 18.145 | VV | 1274  | 11023   | 0.17%  | 0.011% |
| 276 | 18.175 | 18.145 | 18.199 | PV | 2335  | 44392   | 0.69%  | 0.042% |
| 277 | 18.237 | 18.199 | 18.295 | VV | 5648  | 170938  | 2.66%  | 0.163% |
| 278 | 18.314 | 18.295 | 18.326 | VV | 1697  | 27763   | 0.43%  | 0.026% |
| 279 | 18.333 | 18.326 | 18.346 | VV | 1676  | 14722   | 0.23%  | 0.014% |
| 280 | 18.412 | 18.346 | 18.433 | VV | 6425  | 166343  | 2.59%  | 0.159% |
| 281 | 18.482 | 18.433 | 18.498 | VV | 10263 | 271483  | 4.22%  | 0.259% |
| 282 | 18.507 | 18.498 | 18.551 | VV | 9600  | 173970  | 2.71%  | 0.166% |
| 283 | 18.604 | 18.551 | 18.658 | VV | 6527  | 189926  | 2.95%  | 0.181% |
| 284 | 18.667 | 18.658 | 18.683 | VV | 1048  | 6905    | 0.11%  | 0.007% |
| 285 | 18.694 | 18.683 | 18.703 | VV | 505   | 3453    | 0.05%  | 0.003% |
| 286 | 18.723 | 18.703 | 18.741 | PV | 2436  | 32390   | 0.50%  | 0.031% |
| 287 | 18.752 | 18.741 | 18.771 | VV | 1083  | 14012   | 0.22%  | 0.013% |
| 288 | 18.806 | 18.771 | 18.837 | VV | 1837  | 43081   | 0.67%  | 0.041% |
| 289 | 18.851 | 18.837 | 18.871 | VV | 673   | 7689    | 0.12%  | 0.007% |
| 290 | 18.917 | 18.871 | 18.965 | PV | 7579  | 163076  | 2.54%  | 0.155% |
| 291 | 19.025 | 18.965 | 19.051 | VV | 5623  | 150959  | 2.35%  | 0.144% |
| 292 | 19.076 | 19.051 | 19.094 | VV | 3675  | 73613   | 1.14%  | 0.070% |
| 293 | 19.103 | 19.094 | 19.118 | VV | 2722  | 33249   | 0.52%  | 0.032% |
| 294 | 19.131 | 19.118 | 19.148 | VV | 2368  | 34764   | 0.54%  | 0.033% |
| 295 | 19.200 | 19.148 | 19.225 | VV | 3736  | 108786  | 1.69%  | 0.104% |
| 296 | 19.242 | 19.225 | 19.261 | VV | 3282  | 54744   | 0.85%  | 0.052% |
| 297 | 19.317 | 19.261 | 19.381 | VV | 12110 | 503579  | 7.83%  | 0.480% |
| 298 | 19.489 | 19.381 | 19.547 | VV | 85004 | 1797477 | 27.95% | 1.714% |
| 299 | 19.611 | 19.547 | 19.637 | VV | 9607  | 417715  | 6.50%  | 0.398% |
| 300 | 19.649 | 19.637 | 19.661 | VV | 7441  | 105951  | 1.65%  | 0.101% |
| 301 | 19.711 | 19.661 | 19.721 | VV | 12410 | 351165  | 5.46%  | 0.335% |
| 302 | 19.739 | 19.721 | 19.747 | VV | 12789 | 191175  | 2.97%  | 0.182% |
| 303 | 19.765 | 19.747 | 19.786 | VV | 15432 | 300322  | 4.67%  | 0.286% |
| 304 | 19.829 | 19.786 | 19.907 | VV | 25141 | 1059505 | 16.47% | 1.010% |
| 305 | 19.953 | 19.907 | 19.966 | VV | 11007 | 368730  | 5.73%  | 0.352% |
| 306 | 20.053 | 19.966 | 20.105 | VV | 24267 | 1301991 | 20.24% | 1.241% |
| 307 | 20.149 | 20.105 | 20.178 | VV | 20753 | 810685  | 12.61% | 0.773% |
| 308 | 20.194 | 20.178 | 20.217 | VV | 16948 | 382874  | 5.95%  | 0.365% |
| 309 | 20.240 | 20.217 | 20.294 | VV | 16992 | 745938  | 11.60% | 0.711% |
| 310 | 20.327 | 20.294 | 20.340 | VV | 18689 | 485435  | 7.55%  | 0.463% |
| 311 | 20.457 | 20.340 | 20.471 | VV | 23097 | 1631113 | 25.36% | 1.555% |
| 312 | 20.522 | 20.471 | 20.540 | VV | 23659 | 936466  | 14.56% | 0.893% |
| 313 | 20.565 | 20.540 | 20.578 | VV | 25339 | 548047  | 8.52%  | 0.522% |
| 314 | 20.607 | 20.578 | 20.632 | VV | 27541 | 828886  | 12.89% | 0.790% |
| 315 | 20.649 | 20.632 | 20.659 | VV | 24743 | 394018  | 6.13%  | 0.376% |
| 316 | 20.741 | 20.659 | 20.771 | VV | 33077 | 1988710 | 30.92% | 1.896% |

|     |        |        |        |    |                         |         |        |        |           |
|-----|--------|--------|--------|----|-------------------------|---------|--------|--------|-----------|
|     |        |        |        |    | rteres                  |         |        |        |           |
| 317 | 20.789 | 20.771 | 20.877 | VV | 31270                   | 1683472 | 26.18% | 1.605% |           |
| 318 | 20.925 | 20.877 | 20.938 | VV | 24766                   | 850023  | 13.22% | 0.810% |           |
| 319 | 21.009 | 20.938 | 21.020 | VV | 26047                   | 1245283 | 19.36% | 1.187% |           |
| 320 | 21.036 | 21.020 | 21.056 | VV | 26371                   | 551199  | 8.57%  | 0.525% |           |
| 321 | 21.065 | 21.056 | 21.108 | VV | 25521                   | 768527  | 11.95% | 0.733% |           |
| 322 | 21.134 | 21.108 | 21.171 | VV | 24911                   | 874490  | 13.60% | 0.834% |           |
| 323 | 21.198 | 21.171 | 21.222 | VV | 21848                   | 650318  | 10.11% | 0.620% |           |
| 324 | 21.289 | 21.222 | 21.310 | VV | 23689                   | 1155790 | 17.97% | 1.102% |           |
| 325 | 21.333 | 21.310 | 21.430 | VV | 23039                   | 1433177 | 22.28% | 1.366% |           |
| 326 | 21.487 | 21.430 | 21.508 | VV | 17411                   | 769366  | 11.96% | 0.733% |           |
| 327 | 21.583 | 21.508 | 21.593 | VV | 17555                   | 853139  | 13.27% | 0.813% |           |
| 328 | 21.654 | 21.593 | 21.716 | VV | 19743                   | 1298624 | 20.19% | 1.238% |           |
| 329 | 21.725 | 21.716 | 21.785 | VV | 13771                   | 476123  | 7.40%  | 0.454% |           |
| 330 | 21.888 | 21.785 | 21.980 | VV | 16962                   | 1449656 | 22.54% | 1.382% |           |
| 331 | 21.992 | 21.980 | 21.998 | VV | 8003                    | 81435   | 1.27%  | 0.078% |           |
| 332 | 22.029 | 21.998 | 22.040 | VV | 9951                    | 231190  | 3.59%  | 0.220% |           |
| 333 | 22.110 | 22.040 | 22.251 | VV | 15964                   | 1180589 | 18.36% | 1.125% |           |
|     |        |        |        |    | Sum of corrected areas: |         |        |        | 104895348 |

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