

rteres

## Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE110922AL\  
 Data File : FE038663.D  
 Signal(s) : FID1B.ch  
 Acq On : 09 Nov 2022 11:15  
 Sample : N5501-01DL 10X  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aliphatic EPH 102522.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         | 3.356       | 3.305        | 3.482      | BV       | 101            | 3483         | 0.01%          | 0.002%        |
| 2         | 3.499       | 3.482        | 3.525      | PV       | 70             | 918          | 0.00%          | 0.001%        |
| 3         | 3.533       | 3.525        | 3.565      | VV       | 43             | 689          | 0.00%          | 0.000%        |
| 4         | 3.586       | 3.565        | 3.598      | VV       | 99             | 961          | 0.00%          | 0.001%        |
| 5         | 3.615       | 3.598        | 3.653      | VV       | 138            | 2244         | 0.00%          | 0.002%        |
| 6         | 3.681       | 3.653        | 3.707      | VV       | 198            | 4015         | 0.01%          | 0.003%        |
| 7         | 3.721       | 3.707        | 3.730      | VV       | 93             | 1252         | 0.00%          | 0.001%        |
| 8         | 3.749       | 3.730        | 3.787      | VV       | 481            | 6557         | 0.01%          | 0.005%        |
| 9         | 3.804       | 3.787        | 3.819      | PV       | 245            | 2753         | 0.01%          | 0.002%        |
| 10        | 3.831       | 3.819        | 3.863      | VV       | 217            | 3336         | 0.01%          | 0.002%        |
| 11        | 3.889       | 3.863        | 3.919      | VV       | 216            | 4135         | 0.01%          | 0.003%        |
| 12        | 3.943       | 3.919        | 3.982      | VV       | 238            | 4471         | 0.01%          | 0.003%        |
| 13        | 3.991       | 3.982        | 4.012      | VV       | 148            | 1605         | 0.00%          | 0.001%        |
| 14        | 4.078       | 4.012        | 4.102      | VV       | 221            | 6371         | 0.01%          | 0.004%        |
| 15        | 4.111       | 4.102        | 4.118      | VV       | 58             | 389          | 0.00%          | 0.000%        |
| 16        | 4.148       | 4.118        | 4.162      | PV       | 381            | 4785         | 0.01%          | 0.003%        |
| 17        | 4.193       | 4.162        | 4.232      | VV       | 545            | 12423        | 0.03%          | 0.009%        |
| 18        | 4.257       | 4.232        | 4.283      | VV       | 311            | 5471         | 0.01%          | 0.004%        |
| 19        | 4.302       | 4.283        | 4.314      | VV       | 183            | 2145         | 0.00%          | 0.001%        |
| 20        | 4.347       | 4.314        | 4.364      | VV       | 1369           | 16874        | 0.04%          | 0.012%        |
| 21        | 4.378       | 4.364        | 4.408      | VV       | 628            | 8780         | 0.02%          | 0.006%        |
| 22        | 4.420       | 4.408        | 4.439      | VV       | 232            | 2407         | 0.01%          | 0.002%        |
| 23        | 4.449       | 4.439        | 4.472      | VV       | 109            | 1734         | 0.00%          | 0.001%        |
| 24        | 4.507       | 4.472        | 4.533      | VV       | 235            | 4422         | 0.01%          | 0.003%        |
| 25        | 4.554       | 4.533        | 4.572      | VV       | 231            | 3416         | 0.01%          | 0.002%        |
| 26        | 4.608       | 4.572        | 4.634      | VV       | 743            | 11807        | 0.03%          | 0.008%        |
| 27        | 4.646       | 4.634        | 4.664      | VV       | 210            | 3258         | 0.01%          | 0.002%        |
| 28        | 4.680       | 4.664        | 4.714      | VV       | 249            | 5000         | 0.01%          | 0.003%        |
| 29        | 4.735       | 4.714        | 4.748      | VV       | 177            | 2561         | 0.01%          | 0.002%        |
| 30        | 4.781       | 4.748        | 4.810      | VV       | 321            | 7187         | 0.02%          | 0.005%        |
| 31        | 4.856       | 4.810        | 4.875      | VV       | 534            | 11073        | 0.02%          | 0.008%        |
| 32        | 4.891       | 4.875        | 4.905      | VV       | 461            | 4952         | 0.01%          | 0.003%        |
| 33        | 4.916       | 4.905        | 4.933      | VV       | 366            | 3803         | 0.01%          | 0.003%        |
| 34        | 4.978       | 4.933        | 5.000      | VV       | 588            | 11813        | 0.03%          | 0.008%        |
| 35        | 5.021       | 5.000        | 5.038      | VV       | 301            | 4446         | 0.01%          | 0.003%        |
| 36        | 5.066       | 5.038        | 5.095      | VV       | 310            | 6506         | 0.01%          | 0.005%        |

|    |       |       |       |    | rt   | er    |       |        |
|----|-------|-------|-------|----|------|-------|-------|--------|
| 37 | 5.120 | 5.095 | 5.155 | VV | 403  | 6865  | 0.02% | 0.005% |
| 38 | 5.182 | 5.155 | 5.202 | VV | 180  | 2679  | 0.01% | 0.002% |
| 39 | 5.284 | 5.202 | 5.296 | VV | 268  | 8573  | 0.02% | 0.006% |
| 40 | 5.313 | 5.296 | 5.335 | VV | 314  | 4978  | 0.01% | 0.003% |
| 41 | 5.358 | 5.335 | 5.376 | PV | 296  | 4182  | 0.01% | 0.003% |
| 42 | 5.389 | 5.376 | 5.403 | VV | 315  | 3288  | 0.01% | 0.002% |
| 43 | 5.424 | 5.403 | 5.442 | VV | 1041 | 12387 | 0.03% | 0.009% |
| 44 | 5.455 | 5.442 | 5.501 | VV | 611  | 7811  | 0.02% | 0.005% |
| 45 | 5.547 | 5.501 | 5.573 | VV | 734  | 12137 | 0.03% | 0.008% |
| 46 | 5.590 | 5.573 | 5.605 | VV | 312  | 3811  | 0.01% | 0.003% |
| 47 | 5.620 | 5.605 | 5.639 | VV | 352  | 4510  | 0.01% | 0.003% |
| 48 | 5.682 | 5.639 | 5.711 | VV | 247  | 5895  | 0.01% | 0.004% |
| 49 | 5.715 | 5.711 | 5.721 | VV | 58   | 228   | 0.00% | 0.000% |
| 50 | 5.742 | 5.721 | 5.791 | VV | 1167 | 17967 | 0.04% | 0.013% |
| 51 | 5.816 | 5.791 | 5.882 | VV | 967  | 14277 | 0.03% | 0.010% |
| 52 | 5.929 | 5.882 | 5.954 | VV | 609  | 10911 | 0.02% | 0.008% |
| 53 | 5.969 | 5.954 | 5.993 | VV | 477  | 6615  | 0.01% | 0.005% |
| 54 | 6.008 | 5.993 | 6.019 | VV | 266  | 2764  | 0.01% | 0.002% |
| 55 | 6.052 | 6.019 | 6.085 | VV | 589  | 13173 | 0.03% | 0.009% |
| 56 | 6.102 | 6.085 | 6.117 | VV | 206  | 2810  | 0.01% | 0.002% |
| 57 | 6.130 | 6.117 | 6.144 | VV | 299  | 2588  | 0.01% | 0.002% |
| 58 | 6.176 | 6.144 | 6.198 | VV | 308  | 4986  | 0.01% | 0.003% |
| 59 | 6.222 | 6.198 | 6.245 | PV | 258  | 3783  | 0.01% | 0.003% |
| 60 | 6.273 | 6.245 | 6.295 | VV | 446  | 7146  | 0.02% | 0.005% |
| 61 | 6.314 | 6.295 | 6.345 | VV | 568  | 10890 | 0.02% | 0.008% |
| 62 | 6.352 | 6.345 | 6.387 | VV | 371  | 7568  | 0.02% | 0.005% |
| 63 | 6.416 | 6.387 | 6.436 | VV | 453  | 8078  | 0.02% | 0.006% |
| 64 | 6.458 | 6.436 | 6.472 | VV | 565  | 8889  | 0.02% | 0.006% |
| 65 | 6.480 | 6.472 | 6.498 | VV | 550  | 7152  | 0.02% | 0.005% |
| 66 | 6.503 | 6.498 | 6.527 | VV | 464  | 6059  | 0.01% | 0.004% |
| 67 | 6.545 | 6.527 | 6.557 | VV | 441  | 6011  | 0.01% | 0.004% |
| 68 | 6.568 | 6.557 | 6.578 | VV | 385  | 4188  | 0.01% | 0.003% |
| 69 | 6.602 | 6.578 | 6.617 | VV | 529  | 8999  | 0.02% | 0.006% |
| 70 | 6.641 | 6.617 | 6.675 | VV | 1235 | 25103 | 0.06% | 0.017% |
| 71 | 6.697 | 6.675 | 6.748 | VV | 675  | 16422 | 0.04% | 0.011% |
| 72 | 6.771 | 6.748 | 6.824 | VV | 1276 | 22832 | 0.05% | 0.016% |
| 73 | 6.859 | 6.824 | 6.873 | PV | 374  | 5819  | 0.01% | 0.004% |
| 74 | 6.885 | 6.873 | 6.908 | VV | 326  | 5158  | 0.01% | 0.004% |
| 75 | 6.923 | 6.908 | 6.948 | VV | 951  | 11800 | 0.03% | 0.008% |
| 76 | 6.971 | 6.948 | 7.010 | VV | 548  | 10057 | 0.02% | 0.007% |
| 77 | 7.025 | 7.010 | 7.037 | VV | 258  | 2998  | 0.01% | 0.002% |
| 78 | 7.054 | 7.037 | 7.076 | VV | 675  | 7186  | 0.02% | 0.005% |
| 79 | 7.115 | 7.076 | 7.147 | PV | 544  | 13337 | 0.03% | 0.009% |
| 80 | 7.179 | 7.147 | 7.211 | VV | 872  | 13720 | 0.03% | 0.010% |
| 81 | 7.218 | 7.211 | 7.226 | VV | 186  | 1261  | 0.00% | 0.001% |
| 82 | 7.250 | 7.226 | 7.268 | VV | 867  | 11192 | 0.02% | 0.008% |
| 83 | 7.301 | 7.268 | 7.321 | VV | 903  | 17452 | 0.04% | 0.012% |
| 84 | 7.343 | 7.321 | 7.375 | VV | 1085 | 15799 | 0.03% | 0.011% |
| 85 | 7.407 | 7.375 | 7.434 | VV | 1191 | 23485 | 0.05% | 0.016% |
| 86 | 7.448 | 7.434 | 7.470 | VV | 504  | 7238  | 0.02% | 0.005% |
| 87 | 7.490 | 7.470 | 7.530 | VV | 1608 | 23387 | 0.05% | 0.016% |
| 88 | 7.551 | 7.530 | 7.571 | VV | 654  | 10579 | 0.02% | 0.007% |
| 89 | 7.597 | 7.571 | 7.608 | VV | 1605 | 19719 | 0.04% | 0.014% |

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|-----|-------|-------|--------|----|--------|--------|-------|--------|
|     |       |       |        |    | rteres |        |       |        |
| 90  | 7.614 | 7.608 | 7.635  | VV | 1049   | 11869  | 0.03% | 0.008% |
| 91  | 7.644 | 7.635 | 7.653  | VV | 318    | 3192   | 0.01% | 0.002% |
| 92  | 7.715 | 7.653 | 7.742  | VV | 2790   | 61359  | 0.14% | 0.043% |
| 93  | 7.761 | 7.742 | 7.781  | VV | 780    | 14702  | 0.03% | 0.010% |
| 94  | 7.793 | 7.781 | 7.829  | VV | 686    | 15023  | 0.03% | 0.010% |
| 95  | 7.848 | 7.829 | 7.863  | VV | 339    | 5929   | 0.01% | 0.004% |
| 96  | 7.891 | 7.863 | 7.927  | VV | 1598   | 29531  | 0.07% | 0.021% |
| 97  | 7.944 | 7.927 | 7.965  | VV | 771    | 9672   | 0.02% | 0.007% |
| 98  | 7.988 | 7.965 | 8.000  | VV | 389    | 4468   | 0.01% | 0.003% |
| 99  | 8.029 | 8.000 | 8.072  | VV | 54282  | 542780 | 1.19% | 0.378% |
| 100 | 8.083 | 8.072 | 8.113  | VV | 601    | 11228  | 0.02% | 0.008% |
| 101 | 8.150 | 8.113 | 8.164  | VV | 809    | 17758  | 0.04% | 0.012% |
| 102 | 8.185 | 8.164 | 8.215  | VV | 876    | 20974  | 0.05% | 0.015% |
| 103 | 8.240 | 8.215 | 8.261  | VV | 980    | 16520  | 0.04% | 0.012% |
| 104 | 8.288 | 8.261 | 8.310  | VV | 1099   | 19583  | 0.04% | 0.014% |
| 105 | 8.328 | 8.310 | 8.337  | VV | 1353   | 15577  | 0.03% | 0.011% |
| 106 | 8.350 | 8.337 | 8.381  | VV | 1532   | 23347  | 0.05% | 0.016% |
| 107 | 8.414 | 8.381 | 8.455  | VV | 4188   | 66616  | 0.15% | 0.046% |
| 108 | 8.469 | 8.455 | 8.491  | VV | 611    | 12317  | 0.03% | 0.009% |
| 109 | 8.527 | 8.491 | 8.564  | VV | 7359   | 109937 | 0.24% | 0.077% |
| 110 | 8.595 | 8.564 | 8.624  | VV | 4656   | 79134  | 0.17% | 0.055% |
| 111 | 8.652 | 8.624 | 8.661  | VV | 8088   | 40353  | 0.09% | 0.028% |
| 112 | 8.697 | 8.661 | 8.741  | VV | 1267   | 48438  | 0.11% | 0.034% |
| 113 | 8.761 | 8.741 | 8.775  | VV | 1198   | 18621  | 0.04% | 0.013% |
| 114 | 8.787 | 8.775 | 8.798  | VV | 1037   | 11946  | 0.03% | 0.008% |
| 115 | 8.820 | 8.798 | 8.859  | VV | 1577   | 32299  | 0.07% | 0.022% |
| 116 | 8.906 | 8.859 | 8.944  | VV | 34508  | 374265 | 0.82% | 0.261% |
| 117 | 8.962 | 8.944 | 8.984  | VV | 1021   | 21284  | 0.05% | 0.015% |
| 118 | 8.996 | 8.984 | 9.006  | VV | 1047   | 12255  | 0.03% | 0.009% |
| 119 | 9.019 | 9.006 | 9.035  | VV | 1244   | 18001  | 0.04% | 0.013% |
| 120 | 9.053 | 9.035 | 9.074  | VV | 1476   | 28678  | 0.06% | 0.020% |
| 121 | 9.091 | 9.074 | 9.104  | VV | 1097   | 18335  | 0.04% | 0.013% |
| 122 | 9.135 | 9.104 | 9.168  | VV | 3457   | 61243  | 0.13% | 0.043% |
| 123 | 9.188 | 9.168 | 9.208  | VV | 943    | 18371  | 0.04% | 0.013% |
| 124 | 9.217 | 9.208 | 9.226  | VV | 723    | 7366   | 0.02% | 0.005% |
| 125 | 9.248 | 9.226 | 9.268  | VV | 1746   | 27236  | 0.06% | 0.019% |
| 126 | 9.283 | 9.268 | 9.303  | VV | 1043   | 16188  | 0.04% | 0.011% |
| 127 | 9.322 | 9.303 | 9.348  | VV | 814    | 17110  | 0.04% | 0.012% |
| 128 | 9.374 | 9.348 | 9.394  | VV | 1597   | 30046  | 0.07% | 0.021% |
| 129 | 9.422 | 9.394 | 9.447  | VV | 7580   | 99717  | 0.22% | 0.069% |
| 130 | 9.458 | 9.447 | 9.491  | VV | 1404   | 22759  | 0.05% | 0.016% |
| 131 | 9.508 | 9.491 | 9.536  | VV | 864    | 14799  | 0.03% | 0.010% |
| 132 | 9.573 | 9.536 | 9.592  | VV | 1125   | 20501  | 0.05% | 0.014% |
| 133 | 9.607 | 9.592 | 9.638  | VV | 830    | 14233  | 0.03% | 0.010% |
| 134 | 9.654 | 9.638 | 9.671  | VV | 645    | 9204   | 0.02% | 0.006% |
| 135 | 9.709 | 9.671 | 9.732  | VV | 1377   | 27825  | 0.06% | 0.019% |
| 136 | 9.749 | 9.732 | 9.767  | VV | 787    | 12979  | 0.03% | 0.009% |
| 137 | 9.797 | 9.767 | 9.830  | VV | 2815   | 58369  | 0.13% | 0.041% |
| 138 | 9.849 | 9.830 | 9.858  | VV | 1673   | 21513  | 0.05% | 0.015% |
| 139 | 9.875 | 9.858 | 9.906  | VV | 2223   | 44104  | 0.10% | 0.031% |
| 140 | 9.929 | 9.906 | 9.947  | VV | 1351   | 23978  | 0.05% | 0.017% |
| 141 | 9.980 | 9.947 | 10.012 | VV | 1583   | 42523  | 0.09% | 0.030% |

|     |        |        |        |    | rteres |         |        |        |
|-----|--------|--------|--------|----|--------|---------|--------|--------|
| 142 | 10.027 | 10.012 | 10.064 | VV | 619    | 15511   | 0.03%  | 0.011% |
| 143 | 10.080 | 10.064 | 10.096 | VV | 544    | 7674    | 0.02%  | 0.005% |
| 144 | 10.135 | 10.096 | 10.151 | VV | 1986   | 35591   | 0.08%  | 0.025% |
| 145 | 10.161 | 10.151 | 10.181 | VV | 1259   | 19140   | 0.04%  | 0.013% |
|     |        |        |        |    |        |         |        |        |
| 146 | 10.202 | 10.181 | 10.258 | VV | 9262   | 120460  | 0.27%  | 0.084% |
| 147 | 10.277 | 10.258 | 10.291 | VV | 568    | 9780    | 0.02%  | 0.007% |
| 148 | 10.308 | 10.291 | 10.349 | VV | 703    | 13560   | 0.03%  | 0.009% |
| 149 | 10.384 | 10.349 | 10.447 | PV | 770    | 20503   | 0.05%  | 0.014% |
| 150 | 10.473 | 10.447 | 10.510 | VV | 972    | 15497   | 0.03%  | 0.011% |
|     |        |        |        |    |        |         |        |        |
| 151 | 10.544 | 10.510 | 10.562 | VV | 1202   | 22382   | 0.05%  | 0.016% |
| 152 | 10.591 | 10.562 | 10.623 | VV | 4216   | 75540   | 0.17%  | 0.053% |
| 153 | 10.643 | 10.623 | 10.660 | VV | 1401   | 22796   | 0.05%  | 0.016% |
| 154 | 10.679 | 10.660 | 10.702 | VV | 2043   | 31776   | 0.07%  | 0.022% |
| 155 | 10.733 | 10.702 | 10.765 | VV | 1381   | 32595   | 0.07%  | 0.023% |
|     |        |        |        |    |        |         |        |        |
| 156 | 10.788 | 10.765 | 10.801 | VV | 756    | 11282   | 0.02%  | 0.008% |
| 157 | 10.827 | 10.801 | 10.861 | VV | 1380   | 34621   | 0.08%  | 0.024% |
| 158 | 10.870 | 10.861 | 10.905 | VV | 948    | 18805   | 0.04%  | 0.013% |
| 159 | 10.941 | 10.905 | 10.962 | VV | 10007  | 127052  | 0.28%  | 0.088% |
| 160 | 10.991 | 10.962 | 11.041 | VV | 5262   | 134657  | 0.30%  | 0.094% |
|     |        |        |        |    |        |         |        |        |
| 161 | 11.056 | 11.041 | 11.118 | VV | 858    | 18030   | 0.04%  | 0.013% |
| 162 | 11.158 | 11.118 | 11.175 | VV | 591    | 10602   | 0.02%  | 0.007% |
| 163 | 11.203 | 11.175 | 11.240 | VV | 2145   | 45855   | 0.10%  | 0.032% |
| 164 | 11.276 | 11.240 | 11.301 | VV | 1548   | 33473   | 0.07%  | 0.023% |
| 165 | 11.333 | 11.301 | 11.348 | VV | 1349   | 24483   | 0.05%  | 0.017% |
|     |        |        |        |    |        |         |        |        |
| 166 | 11.357 | 11.348 | 11.376 | VV | 1124   | 13438   | 0.03%  | 0.009% |
| 167 | 11.394 | 11.376 | 11.428 | VV | 1136   | 20521   | 0.05%  | 0.014% |
| 168 | 11.448 | 11.428 | 11.465 | VV | 1011   | 13114   | 0.03%  | 0.009% |
| 169 | 11.489 | 11.465 | 11.531 | VV | 1687   | 28781   | 0.06%  | 0.020% |
| 170 | 11.565 | 11.531 | 11.607 | VV | 988    | 25136   | 0.06%  | 0.018% |
|     |        |        |        |    |        |         |        |        |
| 171 | 11.643 | 11.607 | 11.668 | VV | 9403   | 115905  | 0.26%  | 0.081% |
| 172 | 11.692 | 11.668 | 11.706 | VV | 1388   | 22109   | 0.05%  | 0.015% |
| 173 | 11.732 | 11.706 | 11.783 | VV | 3432   | 64175   | 0.14%  | 0.045% |
| 174 | 11.794 | 11.783 | 11.821 | VV | 299    | 4134    | 0.01%  | 0.003% |
| 175 | 11.850 | 11.821 | 11.866 | PV | 818    | 10716   | 0.02%  | 0.007% |
|     |        |        |        |    |        |         |        |        |
| 176 | 11.889 | 11.866 | 11.911 | VV | 1423   | 22855   | 0.05%  | 0.016% |
| 177 | 11.962 | 11.911 | 11.988 | VV | 41838  | 482056  | 1.06%  | 0.336% |
| 178 | 11.997 | 11.988 | 12.016 | VV | 1793   | 21385   | 0.05%  | 0.015% |
| 179 | 12.036 | 12.016 | 12.065 | VV | 1823   | 30586   | 0.07%  | 0.021% |
| 180 | 12.119 | 12.065 | 12.140 | VV | 1356   | 37895   | 0.08%  | 0.026% |
|     |        |        |        |    |        |         |        |        |
| 181 | 12.151 | 12.140 | 12.159 | VV | 994    | 9385    | 0.02%  | 0.007% |
| 182 | 12.202 | 12.159 | 12.233 | VV | 12240  | 169747  | 0.37%  | 0.118% |
| 183 | 12.251 | 12.233 | 12.275 | VV | 999    | 14486   | 0.03%  | 0.010% |
| 184 | 12.314 | 12.275 | 12.332 | VV | 8035   | 118963  | 0.26%  | 0.083% |
| 185 | 12.367 | 12.332 | 12.394 | VV | 483017 | 5500554 | 12.11% | 3.831% |
|     |        |        |        |    |        |         |        |        |
| 186 | 12.408 | 12.394 | 12.456 | VV | 4413   | 70589   | 0.16%  | 0.049% |
| 187 | 12.472 | 12.456 | 12.494 | VV | 566    | 8028    | 0.02%  | 0.006% |
| 188 | 12.568 | 12.494 | 12.621 | VV | 120318 | 1810412 | 3.99%  | 1.261% |
| 189 | 12.647 | 12.621 | 12.691 | VV | 24078  | 338475  | 0.75%  | 0.236% |
| 190 | 12.714 | 12.691 | 12.753 | VV | 5771   | 93831   | 0.21%  | 0.065% |
|     |        |        |        |    |        |         |        |        |
| 191 | 12.800 | 12.753 | 12.820 | VV | 17273  | 238861  | 0.53%  | 0.166% |
| 192 | 12.833 | 12.820 | 12.871 | VV | 5632   | 77334   | 0.17%  | 0.054% |
| 193 | 12.899 | 12.871 | 12.928 | VV | 2944   | 50644   | 0.11%  | 0.035% |
| 194 | 12.952 | 12.928 | 12.981 | VV | 8737   | 126595  | 0.28%  | 0.088% |

|     |        |        |        |    |         |          |         |         |
|-----|--------|--------|--------|----|---------|----------|---------|---------|
|     |        |        |        |    | rteres  |          |         |         |
| 195 | 13.008 | 12.981 | 13.032 | VV | 7852    | 132960   | 0.29%   | 0.093%  |
| 196 | 13.055 | 13.032 | 13.078 | VV | 7570    | 90561    | 0.20%   | 0.063%  |
| 197 | 13.117 | 13.078 | 13.136 | VV | 1052    | 22642    | 0.05%   | 0.016%  |
| 198 | 13.202 | 13.136 | 13.225 | VV | 2384    | 69562    | 0.15%   | 0.048%  |
| 199 | 13.236 | 13.225 | 13.240 | VV | 1376    | 12305    | 0.03%   | 0.009%  |
| 200 | 13.256 | 13.240 | 13.292 | VV | 1782    | 32572    | 0.07%   | 0.023%  |
| 201 | 13.317 | 13.292 | 13.348 | PV | 3141    | 49694    | 0.11%   | 0.035%  |
| 202 | 13.407 | 13.348 | 13.434 | VV | 2611287 | 45422514 | 100.00% | 31.638% |
| 203 | 13.460 | 13.434 | 13.522 | VV | 1920704 | 24898999 | 54.82%  | 17.343% |
| 204 | 13.538 | 13.522 | 13.549 | VV | 3428    | 42653    | 0.09%   | 0.030%  |
| 205 | 13.619 | 13.549 | 13.644 | VV | 672245  | 13064473 | 28.76%  | 9.100%  |
| 206 | 13.661 | 13.644 | 13.761 | VV | 241217  | 3365193  | 7.41%   | 2.344%  |
| 207 | 13.802 | 13.761 | 13.861 | VV | 12177   | 360977   | 0.79%   | 0.251%  |
| 208 | 13.915 | 13.861 | 13.941 | VV | 17373   | 344842   | 0.76%   | 0.240%  |
| 209 | 13.956 | 13.941 | 13.975 | VV | 4876    | 77570    | 0.17%   | 0.054%  |
| 210 | 13.990 | 13.975 | 14.003 | VV | 3029    | 45875    | 0.10%   | 0.032%  |
| 211 | 14.028 | 14.003 | 14.039 | VV | 4474    | 76670    | 0.17%   | 0.053%  |
| 212 | 14.051 | 14.039 | 14.070 | VV | 4222    | 67419    | 0.15%   | 0.047%  |
| 213 | 14.099 | 14.070 | 14.122 | VV | 3432    | 94222    | 0.21%   | 0.066%  |
| 214 | 14.153 | 14.122 | 14.171 | VV | 9146    | 167502   | 0.37%   | 0.117%  |
| 215 | 14.191 | 14.171 | 14.221 | VV | 10111   | 197159   | 0.43%   | 0.137%  |
| 216 | 14.262 | 14.221 | 14.305 | VV | 9123    | 260115   | 0.57%   | 0.181%  |
| 217 | 14.318 | 14.305 | 14.333 | VV | 2057    | 30436    | 0.07%   | 0.021%  |
| 218 | 14.363 | 14.333 | 14.385 | VV | 5113    | 108522   | 0.24%   | 0.076%  |
| 219 | 14.432 | 14.385 | 14.478 | VV | 13945   | 430701   | 0.95%   | 0.300%  |
| 220 | 14.516 | 14.478 | 14.528 | VV | 3279    | 83519    | 0.18%   | 0.058%  |
| 221 | 14.558 | 14.528 | 14.574 | VV | 10260   | 186513   | 0.41%   | 0.130%  |
| 222 | 14.604 | 14.574 | 14.624 | VV | 25360   | 411060   | 0.90%   | 0.286%  |
| 223 | 14.639 | 14.624 | 14.688 | VV | 10470   | 214239   | 0.47%   | 0.149%  |
| 224 | 14.715 | 14.688 | 14.740 | VV | 9468    | 174498   | 0.38%   | 0.122%  |
| 225 | 14.770 | 14.740 | 14.805 | VV | 52538   | 805885   | 1.77%   | 0.561%  |
| 226 | 14.828 | 14.805 | 14.861 | VV | 13220   | 220365   | 0.49%   | 0.153%  |
| 227 | 14.881 | 14.861 | 14.906 | VV | 11038   | 150561   | 0.33%   | 0.105%  |
| 228 | 14.930 | 14.906 | 14.950 | VV | 2014    | 43584    | 0.10%   | 0.030%  |
| 229 | 14.964 | 14.950 | 14.985 | VV | 1663    | 29058    | 0.06%   | 0.020%  |
| 230 | 15.006 | 14.985 | 15.030 | VV | 1900    | 38076    | 0.08%   | 0.027%  |
| 231 | 15.083 | 15.030 | 15.121 | VV | 1622    | 67487    | 0.15%   | 0.047%  |
| 232 | 15.140 | 15.121 | 15.158 | VV | 2374    | 39120    | 0.09%   | 0.027%  |
| 233 | 15.191 | 15.158 | 15.208 | VV | 3392    | 66034    | 0.15%   | 0.046%  |
| 234 | 15.242 | 15.208 | 15.278 | VV | 13225   | 263461   | 0.58%   | 0.184%  |
| 235 | 15.309 | 15.278 | 15.323 | VV | 3600    | 61115    | 0.13%   | 0.043%  |
| 236 | 15.338 | 15.323 | 15.375 | VV | 3100    | 62857    | 0.14%   | 0.044%  |
| 237 | 15.400 | 15.375 | 15.424 | VV | 1824    | 36959    | 0.08%   | 0.026%  |
| 238 | 15.436 | 15.424 | 15.471 | VV | 1290    | 24509    | 0.05%   | 0.017%  |
| 239 | 15.505 | 15.471 | 15.535 | VV | 1860    | 48205    | 0.11%   | 0.034%  |
| 240 | 15.564 | 15.535 | 15.600 | VV | 1356    | 35268    | 0.08%   | 0.025%  |
| 241 | 15.650 | 15.600 | 15.668 | VV | 1373    | 40570    | 0.09%   | 0.028%  |
| 242 | 15.684 | 15.668 | 15.738 | VV | 1600    | 44072    | 0.10%   | 0.031%  |
| 243 | 15.772 | 15.738 | 15.801 | VV | 4555    | 72642    | 0.16%   | 0.051%  |
| 244 | 15.830 | 15.801 | 15.886 | VV | 33878   | 468601   | 1.03%   | 0.326%  |
| 245 | 15.905 | 15.886 | 15.938 | VV | 1420    | 23757    | 0.05%   | 0.017%  |
| 246 | 15.954 | 15.938 | 15.968 | VV | 720     | 8532     | 0.02%   | 0.006%  |

|     |        |        |        |    | rteres |        |       |        |
|-----|--------|--------|--------|----|--------|--------|-------|--------|
| 247 | 15.992 | 15.968 | 16.005 | VV | 1092   | 16557  | 0.04% | 0.012% |
| 248 | 16.029 | 16.005 | 16.051 | VV | 1609   | 27305  | 0.06% | 0.019% |
| 249 | 16.062 | 16.051 | 16.085 | VV | 616    | 9118   | 0.02% | 0.006% |
| 250 | 16.094 | 16.085 | 16.120 | VV | 543    | 8415   | 0.02% | 0.006% |
| 251 | 16.165 | 16.120 | 16.181 | PV | 1038   | 22318  | 0.05% | 0.016% |
| 252 | 16.201 | 16.181 | 16.212 | VV | 1218   | 18384  | 0.04% | 0.013% |
| 253 | 16.273 | 16.212 | 16.294 | VV | 4498   | 90626  | 0.20% | 0.063% |
| 254 | 16.332 | 16.294 | 16.374 | VV | 4764   | 91998  | 0.20% | 0.064% |
| 255 | 16.397 | 16.374 | 16.425 | VV | 631    | 11803  | 0.03% | 0.008% |
| 256 | 16.450 | 16.425 | 16.490 | PV | 1483   | 32843  | 0.07% | 0.023% |
| 257 | 16.504 | 16.490 | 16.515 | VV | 580    | 6320   | 0.01% | 0.004% |
| 258 | 16.576 | 16.515 | 16.601 | VV | 908    | 25938  | 0.06% | 0.018% |
| 259 | 16.635 | 16.601 | 16.643 | VV | 890    | 15312  | 0.03% | 0.011% |
| 260 | 16.668 | 16.643 | 16.691 | VV | 1364   | 25479  | 0.06% | 0.018% |
| 261 | 16.715 | 16.691 | 16.723 | VV | 864    | 9348   | 0.02% | 0.007% |
| 262 | 16.752 | 16.723 | 16.787 | VV | 7736   | 126530 | 0.28% | 0.088% |
| 263 | 16.816 | 16.787 | 16.843 | VV | 13296  | 176721 | 0.39% | 0.123% |
| 264 | 16.855 | 16.843 | 16.863 | VV | 1228   | 12337  | 0.03% | 0.009% |
| 265 | 16.880 | 16.863 | 16.898 | VV | 1489   | 23285  | 0.05% | 0.016% |
| 266 | 16.935 | 16.898 | 16.951 | VV | 1339   | 31371  | 0.07% | 0.022% |
| 267 | 16.973 | 16.951 | 17.007 | VV | 1340   | 24840  | 0.05% | 0.017% |
| 268 | 17.069 | 17.007 | 17.091 | VV | 1929   | 52518  | 0.12% | 0.037% |
| 269 | 17.125 | 17.091 | 17.161 | VV | 1929   | 34965  | 0.08% | 0.024% |
| 270 | 17.222 | 17.161 | 17.243 | PV | 4789   | 84811  | 0.19% | 0.059% |
| 271 | 17.274 | 17.243 | 17.302 | VV | 3130   | 66715  | 0.15% | 0.046% |
| 272 | 17.341 | 17.302 | 17.360 | VV | 281    | 8058   | 0.02% | 0.006% |
| 273 | 17.378 | 17.360 | 17.395 | PV | 481    | 6981   | 0.02% | 0.005% |
| 274 | 17.442 | 17.395 | 17.457 | PV | 898    | 15521  | 0.03% | 0.011% |
| 275 | 17.479 | 17.457 | 17.503 | VV | 1031   | 18188  | 0.04% | 0.013% |
| 276 | 17.546 | 17.503 | 17.574 | VV | 1407   | 31719  | 0.07% | 0.022% |
| 277 | 17.672 | 17.574 | 17.694 | PV | 6009   | 110296 | 0.24% | 0.077% |
| 278 | 17.733 | 17.694 | 17.765 | VV | 2408   | 44557  | 0.10% | 0.031% |
| 279 | 17.794 | 17.765 | 17.818 | VV | 1439   | 22430  | 0.05% | 0.016% |
| 280 | 17.871 | 17.818 | 17.884 | VV | 1279   | 35470  | 0.08% | 0.025% |
| 281 | 17.917 | 17.884 | 17.931 | VV | 763    | 19683  | 0.04% | 0.014% |
| 282 | 17.945 | 17.931 | 17.954 | VV | 1251   | 12603  | 0.03% | 0.009% |
| 283 | 18.012 | 17.954 | 18.025 | VV | 1932   | 48829  | 0.11% | 0.034% |
| 284 | 18.042 | 18.025 | 18.063 | VV | 1767   | 31222  | 0.07% | 0.022% |
| 285 | 18.109 | 18.063 | 18.134 | VV | 6954   | 118745 | 0.26% | 0.083% |
| 286 | 18.187 | 18.134 | 18.218 | VV | 2340   | 58788  | 0.13% | 0.041% |
| 287 | 18.264 | 18.218 | 18.281 | VV | 5783   | 113000 | 0.25% | 0.079% |
| 288 | 18.294 | 18.281 | 18.335 | VV | 2838   | 57728  | 0.13% | 0.040% |
| 289 | 18.342 | 18.335 | 18.348 | VV | 414    | 2961   | 0.01% | 0.002% |
| 290 | 18.355 | 18.348 | 18.406 | VV | 461    | 6469   | 0.01% | 0.005% |
| 291 | 18.437 | 18.406 | 18.465 | PV | 2768   | 44479  | 0.10% | 0.031% |
| 292 | 18.493 | 18.465 | 18.508 | VV | 2044   | 32386  | 0.07% | 0.023% |
| 293 | 18.530 | 18.508 | 18.570 | VV | 8633   | 131840 | 0.29% | 0.092% |
| 294 | 18.630 | 18.570 | 18.648 | PV | 3769   | 66952  | 0.15% | 0.047% |
| 295 | 18.665 | 18.648 | 18.707 | VV | 2423   | 44870  | 0.10% | 0.031% |
| 296 | 18.748 | 18.707 | 18.771 | PV | 1939   | 42752  | 0.09% | 0.030% |
| 297 | 18.846 | 18.771 | 18.854 | VV | 921    | 36696  | 0.08% | 0.026% |
| 298 | 18.941 | 18.854 | 19.021 | VV | 6751   | 208631 | 0.46% | 0.145% |
| 299 | 19.050 | 19.021 | 19.072 | VV | 4106   | 78439  | 0.17% | 0.055% |

|                         |        |        |        |    | rteres    |         |        |        |
|-------------------------|--------|--------|--------|----|-----------|---------|--------|--------|
| 300                     | 19.103 | 19.072 | 19.153 | VV | 5676      | 154361  | 0.34%  | 0.108% |
| 301                     | 19.226 | 19.153 | 19.250 | VV | 3281      | 142112  | 0.31%  | 0.099% |
| 302                     | 19.339 | 19.250 | 19.405 | VV | 13263     | 515002  | 1.13%  | 0.359% |
| 303                     | 19.451 | 19.405 | 19.487 | VV | 6295      | 249826  | 0.55%  | 0.174% |
| 304                     | 19.621 | 19.487 | 19.637 | VV | 7833      | 510169  | 1.12%  | 0.355% |
| 305                     | 19.725 | 19.637 | 19.747 | VV | 13183     | 589485  | 1.30%  | 0.411% |
| 306                     | 19.791 | 19.747 | 19.808 | VV | 9851      | 345183  | 0.76%  | 0.240% |
| 307                     | 19.853 | 19.808 | 19.878 | VV | 10855     | 410509  | 0.90%  | 0.286% |
| 308                     | 20.009 | 19.878 | 20.024 | VV | 12710     | 927246  | 2.04%  | 0.646% |
| 309                     | 20.101 | 20.024 | 20.166 | VV | 27713     | 1495679 | 3.29%  | 1.042% |
| 310                     | 20.200 | 20.166 | 20.235 | VV | 21926     | 788744  | 1.74%  | 0.549% |
| 311                     | 20.284 | 20.235 | 20.311 | VV | 21143     | 913845  | 2.01%  | 0.637% |
| 312                     | 20.381 | 20.311 | 20.410 | VV | 24366     | 1290789 | 2.84%  | 0.899% |
| 313                     | 20.466 | 20.410 | 20.494 | VV | 31351     | 1292480 | 2.85%  | 0.900% |
| 314                     | 20.542 | 20.494 | 20.551 | VV | 29151     | 920954  | 2.03%  | 0.641% |
| 315                     | 20.614 | 20.551 | 20.628 | VV | 32009     | 1376342 | 3.03%  | 0.959% |
| 316                     | 20.642 | 20.628 | 20.658 | VV | 32114     | 567274  | 1.25%  | 0.395% |
| 317                     | 20.672 | 20.658 | 20.681 | VV | 31490     | 428647  | 0.94%  | 0.299% |
| 318                     | 20.692 | 20.681 | 20.703 | VV | 31911     | 414511  | 0.91%  | 0.289% |
| 319                     | 20.836 | 20.703 | 20.951 | VV | 65178     | 5661960 | 12.47% | 3.944% |
| 320                     | 20.991 | 20.951 | 21.008 | VV | 33116     | 1122928 | 2.47%  | 0.782% |
| 321                     | 21.067 | 21.008 | 21.121 | VV | 33459     | 2168887 | 4.77%  | 1.511% |
| 322                     | 21.131 | 21.121 | 21.180 | VV | 30136     | 986610  | 2.17%  | 0.687% |
| 323                     | 21.206 | 21.180 | 21.229 | VV | 29813     | 825660  | 1.82%  | 0.575% |
| 324                     | 21.301 | 21.229 | 21.349 | VV | 27628     | 1917422 | 4.22%  | 1.336% |
| 325                     | 21.366 | 21.349 | 21.388 | VV | 24425     | 555055  | 1.22%  | 0.387% |
| 326                     | 21.419 | 21.388 | 21.429 | VV | 24129     | 580564  | 1.28%  | 0.404% |
| 327                     | 21.448 | 21.429 | 21.510 | VV | 24061     | 1094623 | 2.41%  | 0.762% |
| 328                     | 21.519 | 21.510 | 21.523 | VV | 21734     | 171123  | 0.38%  | 0.119% |
| 329                     | 21.556 | 21.523 | 21.564 | VV | 22295     | 533694  | 1.17%  | 0.372% |
| 330                     | 21.594 | 21.564 | 21.604 | VV | 22149     | 520394  | 1.15%  | 0.362% |
| 331                     | 21.612 | 21.604 | 21.617 | VV | 22210     | 169949  | 0.37%  | 0.118% |
| 332                     | 21.643 | 21.617 | 21.727 | VV | 24067     | 1274381 | 2.81%  | 0.888% |
| 333                     | 21.783 | 21.727 | 21.802 | VV | 15889     | 666765  | 1.47%  | 0.464% |
| 334                     | 21.841 | 21.802 | 21.882 | VV | 15072     | 670406  | 1.48%  | 0.467% |
| 335                     | 21.898 | 21.882 | 21.928 | VV | 13520     | 352569  | 0.78%  | 0.246% |
| 336                     | 21.935 | 21.928 | 21.942 | VV | 12352     | 105604  | 0.23%  | 0.074% |
| 337                     | 21.948 | 21.942 | 21.997 | VV | 12398     | 348796  | 0.77%  | 0.243% |
| 338                     | 22.007 | 21.997 | 22.033 | VV | 9581      | 195641  | 0.43%  | 0.136% |
| 339                     | 22.052 | 22.033 | 22.068 | VV | 9060      | 178173  | 0.39%  | 0.124% |
| 340                     | 22.132 | 22.068 | 22.238 | VV | 11783     | 816260  | 1.80%  | 0.569% |
| 341                     | 22.248 | 22.238 | 22.261 | VV | 4860      | 61849   | 0.14%  | 0.043% |
| 342                     | 22.270 | 22.261 | 22.310 | VV | 4553      | 86763   | 0.19%  | 0.060% |
| 343                     | 22.327 | 22.310 | 22.349 | VV | 1606      | 23384   | 0.05%  | 0.016% |
| 344                     | 22.389 | 22.349 | 22.407 | VV | 1858      | 40631   | 0.09%  | 0.028% |
| Sum of corrected areas: |        |        |        |    | 143569302 |         |        |        |

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