

rteres

Area Percent

## Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE060524AL\  
 Data File : FE048568.D  
 Signal(s) : FID1B.ch  
 Acq On : 05 Jun 2024 14:54  
 Sample : P2712-01  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH  
 052524.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         | 3.188       | 3.159        | 3.225      | PV       | 564            | 8242         | 0.09%          | 0.002%        |
| 2         | 3.234       | 3.225        | 3.274      | PV       | 107            | 2479         | 0.03%          | 0.001%        |
| 3         | 3.289       | 3.274        | 3.302      | PV       | 189            | 1706         | 0.02%          | 0.000%        |
| 4         | 3.329       | 3.302        | 3.365      | VV       | 1342           | 22649        | 0.26%          | 0.006%        |
| 5         | 3.379       | 3.365        | 3.423      | VV       | 252            | 3471         | 0.04%          | 0.001%        |
| 6         | 3.444       | 3.423        | 3.455      | PV       | 160            | 1826         | 0.02%          | 0.000%        |
| 7         | 3.474       | 3.455        | 3.489      | VV       | 424            | 4987         | 0.06%          | 0.001%        |
| 8         | 3.501       | 3.489        | 3.524      | VV       | 235            | 2709         | 0.03%          | 0.001%        |
| 9         | 3.546       | 3.524        | 3.558      | VV       | 217            | 2823         | 0.03%          | 0.001%        |
| 10        | 3.572       | 3.558        | 3.595      | VV       | 238            | 3259         | 0.04%          | 0.001%        |
| 11        | 3.611       | 3.595        | 3.625      | VV       | 246            | 2372         | 0.03%          | 0.001%        |
| 12        | 3.645       | 3.625        | 3.693      | VV       | 600            | 9071         | 0.10%          | 0.002%        |
| 13        | 3.722       | 3.693        | 3.754      | PV       | 290            | 4861         | 0.05%          | 0.001%        |
| 14        | 3.776       | 3.754        | 3.825      | VV       | 802            | 15379        | 0.17%          | 0.004%        |
| 15        | 3.859       | 3.825        | 3.892      | VV       | 458            | 8569         | 0.10%          | 0.002%        |
| 16        | 3.914       | 3.892        | 3.945      | VV       | 543            | 8927         | 0.10%          | 0.002%        |
| 17        | 3.964       | 3.945        | 3.991      | VV       | 460            | 5391         | 0.06%          | 0.001%        |
| 18        | 4.016       | 4.001        | 4.073      | BV       | 433            | 10931        | 0.12%          | 0.003%        |
| 19        | 4.121       | 4.073        | 4.137      | PV       | 885            | 12037        | 0.14%          | 0.003%        |
| 20        | 4.155       | 4.137        | 4.208      | VV       | 683            | 16682        | 0.19%          | 0.004%        |
| 21        | 4.228       | 4.208        | 4.257      | VV       | 569            | 9063         | 0.10%          | 0.002%        |
| 22        | 4.305       | 4.257        | 4.338      | VV       | 2752           | 55997        | 0.63%          | 0.014%        |
| 23        | 4.348       | 4.338        | 4.381      | VV       | 989            | 17371        | 0.20%          | 0.004%        |
| 24        | 4.394       | 4.381        | 4.448      | VV       | 477            | 11831        | 0.13%          | 0.003%        |
| 25        | 4.476       | 4.448        | 4.500      | VV       | 439            | 8676         | 0.10%          | 0.002%        |

| rteres |       |       |       |    |      |       |       |        |
|--------|-------|-------|-------|----|------|-------|-------|--------|
| 26     | 4.520 | 4.500 | 4.545 | VV | 565  | 8553  | 0.10% | 0.002% |
| 27     | 4.580 | 4.545 | 4.604 | VV | 1441 | 21507 | 0.24% | 0.005% |
| 28     | 4.619 | 4.604 | 4.637 | VV | 743  | 9198  | 0.10% | 0.002% |
| 29     | 4.655 | 4.637 | 4.678 | VV | 480  | 6845  | 0.08% | 0.002% |
| 30     | 4.693 | 4.678 | 4.722 | VV | 220  | 3516  | 0.04% | 0.001% |
| 31     | 4.750 | 4.722 | 4.776 | PV | 463  | 9116  | 0.10% | 0.002% |
| 32     | 4.810 | 4.776 | 4.847 | VV | 1305 | 27391 | 0.31% | 0.007% |
| 33     | 4.864 | 4.847 | 4.877 | VV | 887  | 10001 | 0.11% | 0.002% |
| 34     | 4.889 | 4.877 | 4.906 | VV | 561  | 7017  | 0.08% | 0.002% |
| 35     | 4.944 | 4.906 | 4.955 | VV | 502  | 11948 | 0.13% | 0.003% |
| 36     | 4.997 | 4.955 | 5.011 | VV | 934  | 18022 | 0.20% | 0.004% |
| 37     | 5.022 | 5.011 | 5.031 | VV | 637  | 6725  | 0.08% | 0.002% |
| 38     | 5.039 | 5.031 | 5.063 | VV | 709  | 9486  | 0.11% | 0.002% |
| 39     | 5.089 | 5.063 | 5.131 | VV | 1539 | 26743 | 0.30% | 0.007% |
| 40     | 5.160 | 5.131 | 5.185 | VV | 550  | 7302  | 0.08% | 0.002% |
| 41     | 5.195 | 5.185 | 5.221 | VV | 277  | 2628  | 0.03% | 0.001% |
| 42     | 5.286 | 5.221 | 5.315 | PV | 1172 | 24924 | 0.28% | 0.006% |
| 43     | 5.335 | 5.315 | 5.349 | PV | 1048 | 11633 | 0.13% | 0.003% |
| 44     | 5.365 | 5.349 | 5.383 | VV | 1486 | 16885 | 0.19% | 0.004% |
| 45     | 5.399 | 5.383 | 5.441 | VV | 899  | 15792 | 0.18% | 0.004% |
| 46     | 5.463 | 5.441 | 5.477 | VV | 337  | 4452  | 0.05% | 0.001% |
| 47     | 5.496 | 5.477 | 5.509 | VV | 529  | 6835  | 0.08% | 0.002% |
| 48     | 5.524 | 5.509 | 5.544 | VV | 983  | 12605 | 0.14% | 0.003% |
| 49     | 5.566 | 5.544 | 5.578 | VV | 1031 | 14584 | 0.16% | 0.004% |
| 50     | 5.593 | 5.578 | 5.611 | VV | 1338 | 17396 | 0.20% | 0.004% |
| 51     | 5.621 | 5.611 | 5.633 | VV | 447  | 4823  | 0.05% | 0.001% |
| 52     | 5.656 | 5.633 | 5.675 | VV | 705  | 10159 | 0.11% | 0.003% |
| 53     | 5.718 | 5.675 | 5.742 | PV | 3816 | 69260 | 0.78% | 0.017% |
| 54     | 5.752 | 5.742 | 5.818 | VV | 2737 | 49162 | 0.56% | 0.012% |
| 55     | 5.840 | 5.818 | 5.861 | VV | 351  | 5167  | 0.06% | 0.001% |
| 56     | 5.902 | 5.861 | 5.932 | VV | 2906 | 41692 | 0.47% | 0.010% |
| 57     | 5.944 | 5.932 | 5.968 | VV | 508  | 8103  | 0.09% | 0.002% |
| 58     | 5.985 | 5.968 | 5.993 | VV | 1197 | 12082 | 0.14% | 0.003% |
| 59     | 6.009 | 5.993 | 6.054 | VV | 2964 | 65363 | 0.74% | 0.016% |
| 60     | 6.065 | 6.054 | 6.087 | VV | 1047 | 14397 | 0.16% | 0.004% |
| 61     | 6.105 | 6.087 | 6.141 | VV | 2629 | 37550 | 0.42% | 0.009% |
| 62     | 6.147 | 6.141 | 6.168 | VV | 926  | 8915  | 0.10% | 0.002% |
| 63     | 6.195 | 6.168 | 6.214 | VV | 1533 | 19587 | 0.22% | 0.005% |
| 64     | 6.248 | 6.214 | 6.267 | VV | 1898 | 33387 | 0.38% | 0.008% |
| 65     | 6.288 | 6.267 | 6.315 | VV | 8355 | 96653 | 1.09% | 0.024% |
| 66     | 6.339 | 6.315 | 6.363 | VV | 1591 | 33761 | 0.38% | 0.008% |
| 67     | 6.389 | 6.363 | 6.410 | VV | 1789 | 25550 | 0.29% | 0.006% |
| 68     | 6.432 | 6.410 | 6.501 | VV | 2252 | 80244 | 0.91% | 0.020% |
| 69     | 6.519 | 6.501 | 6.533 | VV | 1983 | 23467 | 0.27% | 0.006% |

|     |       |       |       |        |       |        |       |        |
|-----|-------|-------|-------|--------|-------|--------|-------|--------|
|     |       |       |       | rteres |       |        |       |        |
| 70  | 6.542 | 6.533 | 6.550 | VV     | 1280  | 12163  | 0.14% | 0.003% |
| 71  | 6.572 | 6.550 | 6.602 | VV     | 1906  | 37464  | 0.42% | 0.009% |
| 72  | 6.620 | 6.602 | 6.633 | VV     | 1067  | 14771  | 0.17% | 0.004% |
| 73  | 6.672 | 6.633 | 6.706 | VV     | 3003  | 64252  | 0.73% | 0.016% |
| 74  | 6.715 | 6.706 | 6.725 | VV     | 890   | 9315   | 0.11% | 0.002% |
| 75  | 6.747 | 6.725 | 6.795 | VV     | 5715  | 79956  | 0.90% | 0.020% |
| 76  | 6.829 | 6.795 | 6.846 | PV     | 1768  | 25524  | 0.29% | 0.006% |
| 77  | 6.871 | 6.846 | 6.889 | VV     | 13089 | 145170 | 1.64% | 0.036% |
| 78  | 6.898 | 6.889 | 6.927 | VV     | 4118  | 56795  | 0.64% | 0.014% |
| 79  | 6.945 | 6.927 | 6.964 | VV     | 2008  | 30875  | 0.35% | 0.008% |
| 80  | 6.974 | 6.964 | 6.984 | VV     | 901   | 8513   | 0.10% | 0.002% |
| 81  | 7.030 | 6.984 | 7.050 | VV     | 3262  | 54902  | 0.62% | 0.014% |
| 82  | 7.076 | 7.050 | 7.124 | VV     | 1879  | 48810  | 0.55% | 0.012% |
| 83  | 7.154 | 7.124 | 7.180 | VV     | 6657  | 84173  | 0.95% | 0.021% |
| 84  | 7.193 | 7.180 | 7.208 | VV     | 889   | 12660  | 0.14% | 0.003% |
| 85  | 7.227 | 7.208 | 7.242 | VV     | 1588  | 24683  | 0.28% | 0.006% |
| 86  | 7.278 | 7.242 | 7.299 | VV     | 3207  | 65609  | 0.74% | 0.016% |
| 87  | 7.320 | 7.299 | 7.348 | VV     | 4071  | 58041  | 0.66% | 0.014% |
| 88  | 7.383 | 7.348 | 7.411 | VV     | 17462 | 230339 | 2.60% | 0.057% |
| 89  | 7.424 | 7.411 | 7.445 | VV     | 2257  | 32206  | 0.36% | 0.008% |
| 90  | 7.467 | 7.445 | 7.501 | VV     | 5010  | 83861  | 0.95% | 0.021% |
| 91  | 7.521 | 7.501 | 7.550 | VV     | 16050 | 181029 | 2.04% | 0.045% |
| 92  | 7.567 | 7.550 | 7.585 | VV     | 1976  | 27405  | 0.31% | 0.007% |
| 93  | 7.598 | 7.585 | 7.617 | VV     | 1156  | 17137  | 0.19% | 0.004% |
| 94  | 7.693 | 7.617 | 7.719 | VV     | 10662 | 206797 | 2.34% | 0.051% |
| 95  | 7.735 | 7.719 | 7.773 | VV     | 1856  | 49100  | 0.55% | 0.012% |
| 96  | 7.780 | 7.773 | 7.801 | VV     | 1484  | 18909  | 0.21% | 0.005% |
| 97  | 7.821 | 7.801 | 7.840 | VV     | 881   | 15776  | 0.18% | 0.004% |
| 98  | 7.869 | 7.840 | 7.905 | VV     | 4615  | 85929  | 0.97% | 0.021% |
| 99  | 7.923 | 7.905 | 7.943 | VV     | 1881  | 23521  | 0.27% | 0.006% |
| 100 | 7.966 | 7.943 | 7.974 | PV     | 1067  | 11582  | 0.13% | 0.003% |
| 101 | 8.125 | 8.105 | 8.145 | VV     | 5644  | 95563  | 1.08% | 0.024% |
| 102 | 8.154 | 8.145 | 8.168 | VV     | 3079  | 41303  | 0.47% | 0.010% |
| 103 | 8.173 | 8.168 | 8.194 | VV     | 2973  | 37811  | 0.43% | 0.009% |
| 104 | 8.219 | 8.194 | 8.241 | VV     | 3271  | 59637  | 0.67% | 0.015% |
| 105 | 8.274 | 8.241 | 8.291 | VV     | 4335  | 91376  | 1.03% | 0.023% |
| 106 | 8.305 | 8.291 | 8.357 | VV     | 5252  | 139335 | 1.57% | 0.035% |
| 107 | 8.393 | 8.357 | 8.435 | VV     | 13714 | 273948 | 3.09% | 0.068% |
| 108 | 8.499 | 8.435 | 8.515 | VV     | 21739 | 317596 | 3.59% | 0.079% |
| 109 | 8.526 | 8.515 | 8.545 | VV     | 13041 | 151855 | 1.72% | 0.038% |
| 110 | 8.574 | 8.545 | 8.603 | VV     | 15734 | 253287 | 2.86% | 0.063% |
| 111 | 8.617 | 8.603 | 8.633 | VV     | 2841  | 42827  | 0.48% | 0.011% |
| 112 | 8.684 | 8.633 | 8.711 | VV     | 11093 | 281005 | 3.17% | 0.070% |

|     |        |        |        |        |       |         |        |        |
|-----|--------|--------|--------|--------|-------|---------|--------|--------|
|     |        |        |        | rteres |       |         |        |        |
| 113 | 8.737  | 8.711  | 8.753  | VV     | 4062  | 72009   | 0.81%  | 0.018% |
| 114 | 8.774  | 8.753  | 8.789  | VV     | 5594  | 80762   | 0.91%  | 0.020% |
| 115 | 8.797  | 8.789  | 8.839  | VV     | 3506  | 63558   | 0.72%  | 0.016% |
| 116 | 8.982  | 8.961  | 9.010  | VV     | 14030 | 225395  | 2.55%  | 0.056% |
| 117 | 9.030  | 9.010  | 9.055  | VV     | 7389  | 141824  | 1.60%  | 0.035% |
| 118 | 9.066  | 9.055  | 9.083  | VV     | 4107  | 63952   | 0.72%  | 0.016% |
| 119 | 9.113  | 9.083  | 9.138  | VV     | 9170  | 171170  | 1.93%  | 0.043% |
| 120 | 9.169  | 9.138  | 9.201  | VV     | 3429  | 88826   | 1.00%  | 0.022% |
| 121 | 9.224  | 9.201  | 9.242  | VV     | 6784  | 100899  | 1.14%  | 0.025% |
| 122 | 9.259  | 9.242  | 9.281  | VV     | 7062  | 97892   | 1.11%  | 0.024% |
| 123 | 9.298  | 9.281  | 9.313  | VV     | 3273  | 51979   | 0.59%  | 0.013% |
| 124 | 9.347  | 9.313  | 9.365  | VV     | 3889  | 95072   | 1.07%  | 0.024% |
| 125 | 9.399  | 9.365  | 9.416  | VV     | 25321 | 323163  | 3.65%  | 0.080% |
| 126 | 9.436  | 9.416  | 9.516  | VV     | 47922 | 1055758 | 11.93% | 0.262% |
| 127 | 9.552  | 9.516  | 9.568  | VV     | 9184  | 123251  | 1.39%  | 0.031% |
| 128 | 9.584  | 9.568  | 9.617  | VV     | 7176  | 99577   | 1.12%  | 0.025% |
| 129 | 9.635  | 9.617  | 9.651  | VV     | 3686  | 49081   | 0.55%  | 0.012% |
| 130 | 9.688  | 9.651  | 9.712  | VV     | 7899  | 140575  | 1.59%  | 0.035% |
| 131 | 9.730  | 9.712  | 9.747  | VV     | 3497  | 52074   | 0.59%  | 0.013% |
| 132 | 9.772  | 9.747  | 9.829  | VV     | 25216 | 403702  | 4.56%  | 0.100% |
| 133 | 9.851  | 9.829  | 9.883  | VV     | 8039  | 158919  | 1.80%  | 0.039% |
| 134 | 9.920  | 9.883  | 9.939  | VV     | 7248  | 165301  | 1.87%  | 0.041% |
| 135 | 9.954  | 9.939  | 9.969  | VV     | 5657  | 80298   | 0.91%  | 0.020% |
| 136 | 9.979  | 9.969  | 10.002 | VV     | 4760  | 67437   | 0.76%  | 0.017% |
| 137 | 10.012 | 10.002 | 10.022 | VV     | 2131  | 23398   | 0.26%  | 0.006% |
| 138 | 10.033 | 10.022 | 10.075 | VV     | 2304  | 50751   | 0.57%  | 0.013% |
| 139 | 10.095 | 10.075 | 10.119 | VV     | 5689  | 95791   | 1.08%  | 0.024% |
| 140 | 10.142 | 10.119 | 10.161 | VV     | 4238  | 85813   | 0.97%  | 0.021% |
| 141 | 10.181 | 10.161 | 10.235 | VV     | 25087 | 368106  | 4.16%  | 0.091% |
| 142 | 10.257 | 10.235 | 10.274 | VV     | 2913  | 48937   | 0.55%  | 0.012% |
| 143 | 10.289 | 10.274 | 10.325 | VV     | 2372  | 39063   | 0.44%  | 0.010% |
| 144 | 10.355 | 10.325 | 10.407 | PV     | 3403  | 59198   | 0.67%  | 0.015% |
| 145 | 10.458 | 10.407 | 10.491 | VV     | 1244  | 29258   | 0.33%  | 0.007% |
| 146 | 10.519 | 10.491 | 10.544 | VV     | 4874  | 76712   | 0.87%  | 0.019% |
| 147 | 10.570 | 10.544 | 10.598 | VV     | 10475 | 153587  | 1.73%  | 0.038% |
| 148 | 10.625 | 10.598 | 10.638 | VV     | 6440  | 91487   | 1.03%  | 0.023% |
| 149 | 10.655 | 10.638 | 10.678 | VV     | 13768 | 188468  | 2.13%  | 0.047% |
| 150 | 10.696 | 10.678 | 10.740 | VV     | 8177  | 146375  | 1.65%  | 0.036% |
| 151 | 10.772 | 10.740 | 10.808 | VV     | 8601  | 140106  | 1.58%  | 0.035% |
| 152 | 10.832 | 10.808 | 10.884 | VV     | 4585  | 119862  | 1.35%  | 0.030% |
| 153 | 10.920 | 10.884 | 10.957 | VV     | 25551 | 378038  | 4.27%  | 0.094% |
| 154 | 10.988 | 10.957 | 11.019 | VV     | 14363 | 286514  | 3.24%  | 0.071% |
| 155 | 11.045 | 11.019 | 11.065 | VV     | 2590  | 53471   | 0.60%  | 0.013% |

|     |        |        |        | rteres |        |         |        |        |
|-----|--------|--------|--------|--------|--------|---------|--------|--------|
| 156 | 11.074 | 11.065 | 11.090 | VV     | 1396   | 13443   | 0.15%  | 0.003% |
| 157 | 11.109 | 11.090 | 11.125 | VV     | 910    | 13200   | 0.15%  | 0.003% |
| 158 | 11.177 | 11.125 | 11.223 | VV     | 109976 | 1307557 | 14.77% | 0.325% |
| 159 | 11.253 | 11.223 | 11.287 | VV     | 28976  | 421952  | 4.77%  | 0.105% |
| 160 | 11.311 | 11.287 | 11.355 | VV     | 4799   | 115456  | 1.30%  | 0.029% |
| 161 | 11.375 | 11.355 | 11.409 | VV     | 2346   | 43606   | 0.49%  | 0.011% |
| 162 | 11.428 | 11.409 | 11.446 | PV     | 1969   | 21480   | 0.24%  | 0.005% |
| 163 | 11.481 | 11.446 | 11.507 | VV     | 4984   | 85585   | 0.97%  | 0.021% |
| 164 | 11.536 | 11.507 | 11.552 | VV     | 3131   | 56252   | 0.64%  | 0.014% |
| 165 | 11.572 | 11.552 | 11.592 | VV     | 3724   | 65756   | 0.74%  | 0.016% |
| 166 | 11.624 | 11.592 | 11.648 | VV     | 22729  | 298120  | 3.37%  | 0.074% |
| 167 | 11.667 | 11.648 | 11.681 | VV     | 3472   | 61187   | 0.69%  | 0.015% |
| 168 | 11.711 | 11.681 | 11.744 | VV     | 15736  | 271461  | 3.07%  | 0.067% |
| 169 | 11.775 | 11.744 | 11.799 | VV     | 3728   | 52483   | 0.59%  | 0.013% |
| 170 | 11.830 | 11.799 | 11.851 | PV     | 6854   | 94207   | 1.06%  | 0.023% |
| 171 | 11.872 | 11.851 | 11.898 | VV     | 2408   | 49490   | 0.56%  | 0.012% |
| 172 | 11.946 | 11.898 | 11.968 | VV     | 395576 | 4461359 | 50.40% | 1.109% |
| 173 | 11.981 | 11.968 | 11.996 | VV     | 41156  | 444291  | 5.02%  | 0.110% |
| 174 | 12.012 | 11.996 | 12.045 | VV     | 45446  | 562538  | 6.35%  | 0.140% |
| 175 | 12.096 | 12.045 | 12.112 | VV     | 23176  | 422001  | 4.77%  | 0.105% |
| 176 | 12.129 | 12.112 | 12.144 | VV     | 27342  | 320168  | 3.62%  | 0.080% |
| 177 | 12.161 | 12.144 | 12.210 | VV     | 31029  | 430072  | 4.86%  | 0.107% |
| 178 | 12.232 | 12.210 | 12.249 | PV     | 1598   | 20088   | 0.23%  | 0.005% |
| 179 | 12.293 | 12.249 | 12.321 | VV     | 19914  | 311287  | 3.52%  | 0.077% |
| 180 | 12.345 | 12.321 | 12.371 | VV     | 49480  | 606224  | 6.85%  | 0.151% |
| 181 | 12.380 | 12.371 | 12.431 | VV     | 5605   | 93375   | 1.05%  | 0.023% |
| 182 | 12.452 | 12.431 | 12.470 | VV     | 9426   | 111578  | 1.26%  | 0.028% |
| 183 | 12.482 | 12.470 | 12.496 | VV     | 3645   | 42757   | 0.48%  | 0.011% |
| 184 | 12.541 | 12.496 | 12.578 | VV     | 47387  | 617216  | 6.97%  | 0.153% |
| 185 | 12.596 | 12.578 | 12.614 | VV     | 4011   | 55880   | 0.63%  | 0.014% |
| 186 | 12.630 | 12.614 | 12.644 | VV     | 3097   | 30327   | 0.34%  | 0.008% |
| 187 | 12.661 | 12.644 | 12.688 | VV     | 4242   | 79758   | 0.90%  | 0.020% |
| 188 | 12.725 | 12.688 | 12.745 | VV     | 7198   | 147947  | 1.67%  | 0.037% |
| 189 | 12.770 | 12.745 | 12.813 | VV     | 15391  | 272310  | 3.08%  | 0.068% |
| 190 | 12.849 | 12.813 | 12.857 | VV     | 4143   | 69767   | 0.79%  | 0.017% |
| 191 | 12.880 | 12.857 | 12.901 | VV     | 39345  | 503315  | 5.69%  | 0.125% |
| 192 | 12.934 | 12.901 | 12.968 | VV     | 25427  | 616653  | 6.97%  | 0.153% |
| 193 | 12.997 | 12.968 | 13.065 | VV     | 94307  | 1210358 | 13.67% | 0.301% |
| 194 | 13.094 | 13.065 | 13.109 | PV     | 2898   | 36074   | 0.41%  | 0.009% |
| 195 | 13.129 | 13.109 | 13.141 | VV     | 4259   | 56751   | 0.64%  | 0.014% |
| 196 | 13.154 | 13.141 | 13.168 | VV     | 6176   | 70646   | 0.80%  | 0.018% |
| 197 | 13.185 | 13.168 | 13.199 | VV     | 9489   | 115712  | 1.31%  | 0.029% |
| 198 | 13.210 | 13.199 | 13.269 | VV     | 6342   | 178266  | 2.01%  | 0.044% |
| 199 | 13.296 | 13.269 | 13.335 | VV     | 115208 | 1394436 | 15.75% | 0.347% |

|     |        |        |        |        |        |         |        |        |
|-----|--------|--------|--------|--------|--------|---------|--------|--------|
|     |        |        |        | rteres |        |         |        |        |
| 200 | 13.380 | 13.335 | 13.403 | VV     | 330044 | 4939052 | 55.79% | 1.228% |
| 201 | 13.421 | 13.403 | 13.446 | VV     | 132061 | 1598787 | 18.06% | 0.397% |
| 202 | 13.456 | 13.446 | 13.521 | VV     | 12897  | 276860  | 3.13%  | 0.069% |
| 203 | 13.560 | 13.521 | 13.580 | VV     | 27805  | 514547  | 5.81%  | 0.128% |
| 204 | 13.613 | 13.580 | 13.672 | VV     | 60521  | 1236436 | 13.97% | 0.307% |
| 205 | 13.691 | 13.672 | 13.702 | VV     | 8424   | 99363   | 1.12%  | 0.025% |
| 206 | 13.718 | 13.702 | 13.734 | VV     | 9102   | 131206  | 1.48%  | 0.033% |
| 207 | 13.771 | 13.734 | 13.835 | VV     | 23691  | 636651  | 7.19%  | 0.158% |
| 208 | 13.886 | 13.835 | 13.940 | VV     | 33784  | 785827  | 8.88%  | 0.195% |
| 209 | 13.953 | 13.940 | 13.968 | VV     | 6052   | 83375   | 0.94%  | 0.021% |
| 210 | 13.995 | 13.968 | 14.013 | VV     | 17049  | 278207  | 3.14%  | 0.069% |
| 211 | 14.033 | 14.013 | 14.055 | VV     | 27862  | 389399  | 4.40%  | 0.097% |
| 212 | 14.065 | 14.055 | 14.101 | VV     | 8907   | 204294  | 2.31%  | 0.051% |
| 213 | 14.134 | 14.101 | 14.145 | VV     | 18522  | 303725  | 3.43%  | 0.075% |
| 214 | 14.162 | 14.145 | 14.184 | VV     | 30597  | 445460  | 5.03%  | 0.111% |
| 215 | 14.203 | 14.184 | 14.237 | VV     | 23594  | 387503  | 4.38%  | 0.096% |
| 216 | 14.251 | 14.237 | 14.305 | VV     | 6559   | 210658  | 2.38%  | 0.052% |
| 217 | 14.332 | 14.305 | 14.379 | VV     | 11431  | 322829  | 3.65%  | 0.080% |
| 218 | 14.396 | 14.379 | 14.425 | VV     | 7549   | 188140  | 2.13%  | 0.047% |
| 219 | 14.434 | 14.425 | 14.453 | VV     | 7816   | 113591  | 1.28%  | 0.028% |
| 220 | 14.500 | 14.453 | 14.514 | VV     | 8369   | 248935  | 2.81%  | 0.062% |
| 221 | 14.550 | 14.514 | 14.562 | VV     | 10313  | 253642  | 2.87%  | 0.063% |
| 222 | 14.588 | 14.562 | 14.605 | VV     | 16107  | 346811  | 3.92%  | 0.086% |
| 223 | 14.620 | 14.605 | 14.671 | VV     | 15663  | 455156  | 5.14%  | 0.113% |
| 224 | 14.694 | 14.671 | 14.711 | VV     | 21576  | 361736  | 4.09%  | 0.090% |
| 225 | 14.722 | 14.711 | 14.738 | VV     | 15746  | 228686  | 2.58%  | 0.057% |
| 226 | 14.755 | 14.738 | 14.775 | VV     | 15818  | 301268  | 3.40%  | 0.075% |
| 227 | 14.802 | 14.775 | 14.815 | VV     | 16635  | 331560  | 3.75%  | 0.082% |
| 228 | 14.823 | 14.815 | 14.841 | VV     | 16429  | 220123  | 2.49%  | 0.055% |
| 229 | 14.862 | 14.841 | 14.882 | VV     | 27425  | 451577  | 5.10%  | 0.112% |
| 230 | 14.894 | 14.882 | 14.914 | VV     | 13303  | 230496  | 2.60%  | 0.057% |
| 231 | 14.925 | 14.914 | 14.962 | VV     | 12296  | 328279  | 3.71%  | 0.082% |
| 232 | 14.983 | 14.962 | 15.005 | VV     | 14278  | 302434  | 3.42%  | 0.075% |
| 233 | 15.022 | 15.005 | 15.036 | VV     | 13041  | 210892  | 2.38%  | 0.052% |
| 234 | 15.048 | 15.036 | 15.078 | VV     | 12197  | 279213  | 3.15%  | 0.069% |
| 235 | 15.086 | 15.078 | 15.100 | VV     | 10902  | 134636  | 1.52%  | 0.033% |
| 236 | 15.126 | 15.100 | 15.138 | VV     | 14194  | 272677  | 3.08%  | 0.068% |
| 237 | 15.175 | 15.138 | 15.194 | VV     | 49303  | 918708  | 10.38% | 0.228% |
| 238 | 15.215 | 15.194 | 15.253 | VV     | 52392  | 1100963 | 12.44% | 0.274% |
| 239 | 15.260 | 15.253 | 15.294 | VV     | 16372  | 380394  | 4.30%  | 0.095% |
| 240 | 15.334 | 15.294 | 15.359 | VV     | 26157  | 738763  | 8.35%  | 0.184% |
| 241 | 15.375 | 15.359 | 15.396 | VV     | 19276  | 387888  | 4.38%  | 0.096% |
| 242 | 15.416 | 15.396 | 15.454 | VV     | 16442  | 527924  | 5.96%  | 0.131% |

|     |        |        |        |    |        |         |        |        |
|-----|--------|--------|--------|----|--------|---------|--------|--------|
|     |        |        |        |    | rteres |         |        |        |
| 243 | 15.484 | 15.454 | 15.518 | VV | 20452  | 665317  | 7.52%  | 0.165% |
| 244 | 15.536 | 15.518 | 15.556 | VV | 18062  | 390194  | 4.41%  | 0.097% |
| 245 | 15.623 | 15.556 | 15.711 | VV | 35802  | 1955673 | 22.09% | 0.486% |
| 246 | 15.756 | 15.711 | 15.791 | VV | 26887  | 1009251 | 11.40% | 0.251% |
| 247 | 15.805 | 15.791 | 15.822 | VV | 24870  | 409819  | 4.63%  | 0.102% |
| 248 | 15.848 | 15.822 | 15.870 | VV | 41382  | 878540  | 9.92%  | 0.218% |
| 249 | 15.888 | 15.870 | 15.914 | VV | 31441  | 689659  | 7.79%  | 0.171% |
| 250 | 15.985 | 15.914 | 15.998 | VV | 30113  | 1253560 | 14.16% | 0.312% |
| 251 | 16.015 | 15.998 | 16.043 | VV | 33981  | 806126  | 9.11%  | 0.200% |
| 252 | 16.085 | 16.043 | 16.111 | VV | 28227  | 1055810 | 11.93% | 0.262% |
| 253 | 16.139 | 16.111 | 16.159 | VV | 27339  | 740429  | 8.36%  | 0.184% |
| 254 | 16.173 | 16.159 | 16.191 | VV | 27697  | 517508  | 5.85%  | 0.129% |
| 255 | 16.207 | 16.191 | 16.219 | VV | 27547  | 440150  | 4.97%  | 0.109% |
| 256 | 16.256 | 16.219 | 16.269 | VV | 34585  | 896984  | 10.13% | 0.223% |
| 257 | 16.279 | 16.269 | 16.335 | VV | 32547  | 1176932 | 13.29% | 0.293% |
| 258 | 16.350 | 16.335 | 16.387 | VV | 29378  | 904355  | 10.22% | 0.225% |
| 259 | 16.397 | 16.387 | 16.407 | VV | 29068  | 327250  | 3.70%  | 0.081% |
| 260 | 16.449 | 16.407 | 16.498 | VV | 41863  | 1958666 | 22.13% | 0.487% |
| 261 | 16.551 | 16.498 | 16.591 | VV | 43067  | 2132172 | 24.09% | 0.530% |
| 262 | 16.646 | 16.591 | 16.671 | VV | 46484  | 1988063 | 22.46% | 0.494% |
| 263 | 16.736 | 16.671 | 16.803 | VV | 78333  | 3923243 | 44.32% | 0.975% |
| 264 | 16.836 | 16.803 | 16.843 | VV | 45843  | 1056705 | 11.94% | 0.263% |
| 265 | 16.865 | 16.843 | 16.888 | VV | 54296  | 1333451 | 15.06% | 0.331% |
| 266 | 16.900 | 16.888 | 16.930 | VV | 49609  | 1227732 | 13.87% | 0.305% |
| 267 | 16.954 | 16.930 | 16.990 | VV | 51310  | 1742198 | 19.68% | 0.433% |
| 268 | 17.055 | 16.990 | 17.086 | VV | 71379  | 3250539 | 36.72% | 0.808% |
| 269 | 17.113 | 17.086 | 17.152 | VV | 71162  | 2357817 | 26.63% | 0.586% |
| 270 | 17.230 | 17.152 | 17.250 | VV | 71474  | 3628248 | 40.99% | 0.902% |
| 271 | 17.269 | 17.250 | 17.294 | VV | 64902  | 1634048 | 18.46% | 0.406% |
| 272 | 17.376 | 17.294 | 17.405 | VV | 67945  | 4112531 | 46.46% | 1.022% |
| 273 | 17.453 | 17.405 | 17.469 | VV | 75204  | 2676265 | 30.23% | 0.665% |
| 274 | 17.477 | 17.469 | 17.497 | VV | 70621  | 1152063 | 13.01% | 0.286% |
| 275 | 17.525 | 17.497 | 17.546 | VV | 74154  | 2114790 | 23.89% | 0.526% |
| 276 | 17.629 | 17.546 | 17.668 | VV | 84174  | 5460393 | 61.68% | 1.357% |
| 277 | 17.695 | 17.668 | 17.714 | VV | 77073  | 2068830 | 23.37% | 0.514% |
| 278 | 17.728 | 17.714 | 17.750 | VV | 75772  | 1553861 | 17.55% | 0.386% |
| 279 | 17.774 | 17.750 | 17.808 | VV | 86031  | 2706948 | 30.58% | 0.673% |
| 280 | 17.831 | 17.808 | 17.876 | VV | 78506  | 3055544 | 34.52% | 0.759% |
| 281 | 17.897 | 17.876 | 17.910 | VV | 73696  | 1471826 | 16.63% | 0.366% |
| 282 | 17.951 | 17.910 | 17.973 | VV | 75371  | 2785910 | 31.47% | 0.692% |
| 283 | 17.998 | 17.973 | 18.023 | VV | 83579  | 2348602 | 26.53% | 0.584% |
| 284 | 18.095 | 18.023 | 18.127 | VV | 101302 | 5351448 | 60.45% | 1.330% |
| 285 | 18.145 | 18.127 | 18.167 | VV | 81191  | 1883365 | 21.27% | 0.468% |

|     |        |        |        |    |        |         |        |        |
|-----|--------|--------|--------|----|--------|---------|--------|--------|
|     |        |        |        |    | rteres |         |        |        |
| 286 | 18.244 | 18.167 | 18.314 | VV | 127844 | 8161792 | 92.20% | 2.029% |
| 287 | 18.348 | 18.314 | 18.363 | VV | 85525  | 2419225 | 27.33% | 0.601% |
| 288 | 18.484 | 18.363 | 18.500 | VV | 107869 | 7781085 | 87.90% | 1.934% |
| 289 | 18.515 | 18.500 | 18.550 | VV | 109061 | 2996492 | 33.85% | 0.745% |
| 290 | 18.562 | 18.550 | 18.578 | VV | 91912  | 1507210 | 17.03% | 0.375% |
| 291 | 18.612 | 18.578 | 18.635 | VV | 134343 | 3686443 | 41.64% | 0.916% |
| 292 | 18.643 | 18.635 | 18.699 | VV | 97615  | 3603934 | 40.71% | 0.896% |
| 293 | 18.739 | 18.699 | 18.794 | VV | 112607 | 5667824 | 64.02% | 1.409% |
| 294 | 18.804 | 18.794 | 18.861 | VV | 94562  | 3701847 | 41.82% | 0.920% |
| 295 | 18.924 | 18.861 | 18.970 | VV | 108646 | 6319181 | 71.38% | 1.571% |
| 296 | 18.986 | 18.970 | 19.001 | VV | 95585  | 1763174 | 19.92% | 0.438% |
| 297 | 19.034 | 19.001 | 19.058 | VV | 125557 | 3620469 | 40.90% | 0.900% |
| 298 | 19.084 | 19.058 | 19.145 | VV | 119861 | 5469357 | 61.78% | 1.359% |
| 299 | 19.175 | 19.145 | 19.188 | VV | 104378 | 2594546 | 29.31% | 0.645% |
| 300 | 19.216 | 19.188 | 19.234 | VV | 106913 | 2906843 | 32.84% | 0.723% |
| 301 | 19.285 | 19.234 | 19.293 | VV | 107930 | 3697433 | 41.77% | 0.919% |
| 302 | 19.321 | 19.293 | 19.344 | VV | 116788 | 3369289 | 38.06% | 0.837% |
| 303 | 19.362 | 19.344 | 19.388 | VV | 122080 | 2965029 | 33.49% | 0.737% |
| 304 | 19.432 | 19.388 | 19.475 | VV | 120780 | 5681403 | 64.18% | 1.412% |
| 305 | 19.509 | 19.475 | 19.518 | VV | 110593 | 2810600 | 31.75% | 0.699% |
| 306 | 19.537 | 19.518 | 19.565 | VV | 111824 | 3031797 | 34.25% | 0.754% |
| 307 | 19.587 | 19.565 | 19.605 | VV | 111496 | 2611645 | 29.50% | 0.649% |
| 308 | 19.637 | 19.605 | 19.658 | VV | 111350 | 3445652 | 38.92% | 0.856% |
| 309 | 19.709 | 19.658 | 19.725 | VV | 127060 | 4714372 | 53.25% | 1.172% |
| 310 | 19.742 | 19.725 | 19.808 | VV | 130519 | 5847910 | 66.06% | 1.454% |
| 311 | 19.835 | 19.808 | 19.867 | VV | 125930 | 4191183 | 47.34% | 1.042% |
| 312 | 19.941 | 19.867 | 19.958 | VV | 121561 | 6472878 | 73.12% | 1.609% |
| 313 | 19.979 | 19.958 | 20.036 | VV | 124874 | 5719446 | 64.61% | 1.422% |
| 314 | 20.084 | 20.036 | 20.101 | VV | 141853 | 5100707 | 57.62% | 1.268% |
| 315 | 20.136 | 20.101 | 20.192 | VV | 139757 | 7045660 | 79.59% | 1.751% |
| 316 | 20.249 | 20.192 | 20.295 | VV | 135847 | 7999316 | 90.36% | 1.988% |
| 317 | 20.308 | 20.295 | 20.319 | VV | 133356 | 1974953 | 22.31% | 0.491% |
| 318 | 20.325 | 20.319 | 20.331 | VV | 132912 | 940871  | 10.63% | 0.234% |
| 319 | 20.361 | 20.331 | 20.400 | VV | 143724 | 5662054 | 63.96% | 1.407% |
| 320 | 20.410 | 20.400 | 20.421 | VV | 135075 | 1697192 | 19.17% | 0.422% |
| 321 | 20.451 | 20.421 | 20.478 | VV | 149199 | 4836838 | 54.64% | 1.202% |
| 322 | 20.524 | 20.478 | 20.557 | VV | 156032 | 6927906 | 78.26% | 1.722% |
| 323 | 20.570 | 20.557 | 20.581 | VV | 148248 | 2075492 | 23.44% | 0.516% |
| 324 | 20.601 | 20.581 | 20.610 | VV | 149666 | 2543397 | 28.73% | 0.632% |
| 325 | 20.620 | 20.610 | 20.643 | VV | 149446 | 2870778 | 32.43% | 0.714% |
| 326 | 20.663 | 20.643 | 20.715 | VV | 150917 | 6388870 | 72.17% | 1.588% |
| 327 | 20.724 | 20.715 | 20.777 | VV | 147394 | 5278251 | 59.62% | 1.312% |
| 328 | 20.806 | 20.777 | 20.835 | VV | 157198 | 5132867 | 57.98% | 1.276% |
| 329 | 20.861 | 20.835 | 20.880 | VV | 143947 | 3771935 | 42.61% | 0.938% |

|     |        |        |        |     |                         |           |         |        |
|-----|--------|--------|--------|-----|-------------------------|-----------|---------|--------|
|     |        |        |        |     | rters                   |           |         |        |
| 330 | 20.937 | 20.880 | 20.988 | VV  | 140861                  | 8852611   | 100.00% | 2.200% |
| 331 | 20.996 | 20.988 | 21.015 | VV  | 133596                  | 2122834   | 23.98%  | 0.528% |
| 332 | 21.030 | 21.015 | 21.095 | VV  | 136145                  | 6302919   | 71.20%  | 1.567% |
| 333 | 21.109 | 21.095 | 21.121 | VV  | 126523                  | 2017685   | 22.79%  | 0.501% |
| 334 | 21.138 | 21.121 | 21.158 | VV  | 125561                  | 2743142   | 30.99%  | 0.682% |
| 335 | 21.185 | 21.158 | 21.251 | VV  | 138624                  | 6954559   | 78.56%  | 1.729% |
| 336 | 21.262 | 21.251 | 21.282 | VV  | 118165                  | 2197397   | 24.82%  | 0.546% |
| 337 | 21.292 | 21.282 | 21.300 | VV  | 116096                  | 1205799   | 13.62%  | 0.300% |
| 338 | 21.311 | 21.300 | 21.335 | VV  | 116875                  | 2405659   | 27.17%  | 0.598% |
| 339 | 21.343 | 21.335 | 21.417 | VV  | 113902                  | 5520230   | 62.36%  | 1.372% |
| 340 | 21.427 | 21.417 | 21.526 | VV  | 109343                  | 6946958   | 78.47%  | 1.727% |
| 341 | 21.543 | 21.526 | 21.561 | VV  | 101038                  | 2083458   | 23.53%  | 0.518% |
| 342 | 21.574 | 21.561 | 21.590 | VV  | 100962                  | 1787274   | 20.19%  | 0.444% |
| 343 | 21.618 | 21.590 | 21.678 | VV  | 110767                  | 5320889   | 60.11%  | 1.323% |
| 344 | 21.684 | 21.678 | 21.695 | VV  | 94687                   | 937880    | 10.59%  | 0.233% |
| 345 | 21.698 | 21.695 | 21.705 | VV  | 94036                   | 584800    | 6.61%   | 0.145% |
| 346 | 21.732 | 21.705 | 21.742 | VV  | 95117                   | 2079696   | 23.49%  | 0.517% |
| 347 | 21.753 | 21.742 | 21.779 | VV  | 95526                   | 2076957   | 23.46%  | 0.516% |
| 348 | 21.784 | 21.779 | 21.827 | VV  | 89349                   | 2523660   | 28.51%  | 0.627% |
| 349 | 21.841 | 21.827 | 21.901 | VV  | 89492                   | 3776538   | 42.66%  | 0.939% |
| 350 | 21.907 | 21.901 | 21.933 | VV  | 83355                   | 1541102   | 17.41%  | 0.383% |
| 351 | 21.940 | 21.933 | 21.960 | VV  | 82296                   | 1295867   | 14.64%  | 0.322% |
| 352 | 21.999 | 21.960 | 22.035 | VV  | 79451                   | 3518953   | 39.75%  | 0.875% |
| 353 | 22.048 | 22.035 | 22.075 | VV  | 78530                   | 1836285   | 20.74%  | 0.456% |
| 354 | 22.108 | 22.075 | 22.202 | VV  | 86285                   | 5788318   | 65.39%  | 1.439% |
| 355 | 22.212 | 22.202 | 22.223 | VV  | 68073                   | 887927    | 10.03%  | 0.221% |
| 356 | 22.236 | 22.223 | 22.251 | VV  | 70146                   | 1141149   | 12.89%  | 0.284% |
| 357 | 22.266 | 22.251 | 22.301 | VBA | 69187                   | 2159082   | 24.39%  | 0.537% |
|     |        |        |        |     | Sum of corrected areas: | 402330600 |         |        |

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