

rteres

## Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE081524AL\  
Data File : FE049623.D  
Signal(s) : FID1B.ch  
Acq On : 15 Aug 2024 17:14  
Sample : P3615-06  
Misc :  
ALS Vial : 13 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 081424.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         | 3.394       | 3.363        | 3.412      | PV       | 3905           | 43036        | 0.21%          | 0.009%        |
| 2         | 3.420       | 3.412        | 3.440      | VV       | 1036           | 9942         | 0.05%          | 0.002%        |
| 3         | 3.499       | 3.440        | 3.509      | PV       | 696            | 17140        | 0.08%          | 0.004%        |
| 4         | 3.522       | 3.509        | 3.548      | VV       | 993            | 12844        | 0.06%          | 0.003%        |
| 5         | 3.562       | 3.548        | 3.571      | VV       | 771            | 7471         | 0.04%          | 0.002%        |
| 6         | 3.589       | 3.571        | 3.606      | VV       | 1839           | 22358        | 0.11%          | 0.005%        |
| 7         | 3.633       | 3.606        | 3.687      | VV       | 11251          | 185001       | 0.88%          | 0.038%        |
| 8         | 3.697       | 3.687        | 3.711      | VV       | 1383           | 17376        | 0.08%          | 0.004%        |
| 9         | 3.725       | 3.711        | 3.740      | VV       | 2095           | 28289        | 0.14%          | 0.006%        |
| 10        | 3.763       | 3.740        | 3.822      | VV       | 13233          | 160997       | 0.77%          | 0.033%        |
| 11        | 3.862       | 3.822        | 3.924      | VV       | 51854          | 736191       | 3.52%          | 0.152%        |
| 12        | 3.961       | 3.924        | 4.018      | VV       | 62842          | 668152       | 3.19%          | 0.138%        |
| 13        | 4.070       | 4.018        | 4.154      | PV       | 28276          | 401440       | 1.92%          | 0.083%        |
| 14        | 4.186       | 4.154        | 4.208      | VV       | 3863           | 68757        | 0.33%          | 0.014%        |
| 15        | 4.252       | 4.208        | 4.369      | VV       | 205162         | 4535826      | 21.69%         | 0.938%        |
| 16        | 4.388       | 4.369        | 4.412      | VV       | 15862          | 200793       | 0.96%          | 0.042%        |
| 17        | 4.434       | 4.412        | 4.455      | VV       | 3271           | 61253        | 0.29%          | 0.013%        |
| 18        | 4.485       | 4.455        | 4.504      | VV       | 2683           | 56219        | 0.27%          | 0.012%        |
| 19        | 4.529       | 4.504        | 4.547      | VV       | 14414          | 154020       | 0.74%          | 0.032%        |
| 20        | 4.568       | 4.547        | 4.588      | VV       | 54874          | 548640       | 2.62%          | 0.113%        |
| 21        | 4.602       | 4.588        | 4.626      | VV       | 15331          | 177031       | 0.85%          | 0.037%        |
| 22        | 4.651       | 4.626        | 4.667      | VV       | 8450           | 114595       | 0.55%          | 0.024%        |
| 23        | 4.685       | 4.667        | 4.726      | VV       | 18750          | 199582       | 0.95%          | 0.041%        |
| 24        | 4.756       | 4.726        | 4.829      | VV       | 248358         | 3018028      | 14.43%         | 0.624%        |
| 25        | 4.839       | 4.829        | 4.863      | VV       | 6892           | 108098       | 0.52%          | 0.022%        |
| 26        | 4.871       | 4.863        | 4.877      | VV       | 3601           | 29970        | 0.14%          | 0.006%        |
| 27        | 4.915       | 4.877        | 4.927      | VV       | 11492          | 253487       | 1.21%          | 0.052%        |
| 28        | 4.944       | 4.927        | 4.974      | VV       | 16851          | 260156       | 1.24%          | 0.054%        |
| 29        | 4.990       | 4.974        | 5.011      | VV       | 7982           | 111417       | 0.53%          | 0.023%        |
| 30        | 5.031       | 5.011        | 5.070      | VV       | 14947          | 184113       | 0.88%          | 0.038%        |
| 31        | 5.109       | 5.070        | 5.130      | VV       | 4497           | 74028        | 0.35%          | 0.015%        |
| 32        | 5.186       | 5.130        | 5.197      | VV       | 2063           | 57612        | 0.28%          | 0.012%        |
| 33        | 5.233       | 5.197        | 5.263      | VV       | 10989          | 205983       | 0.98%          | 0.043%        |
| 34        | 5.285       | 5.263        | 5.300      | VV       | 10796          | 146775       | 0.70%          | 0.030%        |
| 35        | 5.316       | 5.300        | 5.335      | VV       | 12169          | 134989       | 0.65%          | 0.028%        |
| 36        | 5.368       | 5.335        | 5.393      | VV       | 7664           | 131269       | 0.63%          | 0.027%        |

| rteres |       |       |       |    |        |         |        |        |
|--------|-------|-------|-------|----|--------|---------|--------|--------|
| 37     | 5.415 | 5.393 | 5.459 | VV | 11459  | 251830  | 1.20%  | 0.052% |
| 38     | 5.472 | 5.459 | 5.494 | VV | 6074   | 76804   | 0.37%  | 0.016% |
| 39     | 5.529 | 5.494 | 5.561 | VV | 10836  | 229791  | 1.10%  | 0.048% |
| 40     | 5.603 | 5.561 | 5.641 | PV | 3478   | 83919   | 0.40%  | 0.017% |
| 41     | 5.665 | 5.641 | 5.684 | VV | 35247  | 382511  | 1.83%  | 0.079% |
| 42     | 5.698 | 5.684 | 5.759 | VV | 18002  | 330860  | 1.58%  | 0.068% |
| 43     | 5.779 | 5.759 | 5.817 | VV | 3245   | 53525   | 0.26%  | 0.011% |
| 44     | 5.857 | 5.817 | 5.878 | PV | 7656   | 118917  | 0.57%  | 0.025% |
| 45     | 5.891 | 5.878 | 5.911 | VV | 4231   | 55813   | 0.27%  | 0.012% |
| 46     | 5.938 | 5.911 | 5.965 | VV | 23833  | 424614  | 2.03%  | 0.088% |
| 47     | 5.980 | 5.965 | 6.004 | VV | 25476  | 414304  | 1.98%  | 0.086% |
| 48     | 6.011 | 6.004 | 6.033 | VV | 16889  | 202011  | 0.97%  | 0.042% |
| 49     | 6.053 | 6.033 | 6.070 | VV | 10965  | 152966  | 0.73%  | 0.032% |
| 50     | 6.082 | 6.070 | 6.130 | VV | 6751   | 143242  | 0.68%  | 0.030% |
| 51     | 6.146 | 6.130 | 6.161 | VV | 4388   | 58890   | 0.28%  | 0.012% |
| 52     | 6.181 | 6.161 | 6.213 | VV | 14460  | 287229  | 1.37%  | 0.059% |
| 53     | 6.239 | 6.213 | 6.273 | VV | 706516 | 6996068 | 33.45% | 1.447% |
| 54     | 6.289 | 6.273 | 6.318 | VV | 18712  | 287645  | 1.38%  | 0.059% |
| 55     | 6.340 | 6.318 | 6.358 | VV | 8964   | 155668  | 0.74%  | 0.032% |
| 56     | 6.378 | 6.358 | 6.451 | VV | 8406   | 297187  | 1.42%  | 0.061% |
| 57     | 6.468 | 6.451 | 6.481 | VV | 6668   | 84724   | 0.41%  | 0.018% |
| 58     | 6.531 | 6.481 | 6.562 | VV | 11861  | 340901  | 1.63%  | 0.071% |
| 59     | 6.588 | 6.562 | 6.604 | VV | 10550  | 198061  | 0.95%  | 0.041% |
| 60     | 6.655 | 6.604 | 6.679 | VV | 89647  | 1220612 | 5.84%  | 0.252% |
| 61     | 6.697 | 6.679 | 6.748 | VV | 30404  | 378829  | 1.81%  | 0.078% |
| 62     | 6.777 | 6.748 | 6.801 | VV | 7017   | 124511  | 0.60%  | 0.026% |
| 63     | 6.824 | 6.801 | 6.835 | VV | 6466   | 92472   | 0.44%  | 0.019% |
| 64     | 6.849 | 6.835 | 6.864 | VV | 8465   | 100860  | 0.48%  | 0.021% |
| 65     | 6.875 | 6.864 | 6.884 | VV | 4720   | 53904   | 0.26%  | 0.011% |
| 66     | 6.897 | 6.884 | 6.913 | VV | 5602   | 79633   | 0.38%  | 0.016% |
| 67     | 6.925 | 6.913 | 6.942 | VV | 4484   | 54765   | 0.26%  | 0.011% |
| 68     | 6.983 | 6.942 | 7.004 | VV | 6881   | 129267  | 0.62%  | 0.027% |
| 69     | 7.025 | 7.004 | 7.074 | VV | 10876  | 221416  | 1.06%  | 0.046% |
| 70     | 7.099 | 7.074 | 7.152 | VV | 7391   | 206050  | 0.99%  | 0.043% |
| 71     | 7.175 | 7.152 | 7.183 | VV | 3396   | 57622   | 0.28%  | 0.012% |
| 72     | 7.201 | 7.183 | 7.213 | VV | 4766   | 74451   | 0.36%  | 0.015% |
| 73     | 7.237 | 7.213 | 7.254 | VV | 7159   | 145078  | 0.69%  | 0.030% |
| 74     | 7.292 | 7.254 | 7.308 | VV | 22333  | 408746  | 1.95%  | 0.085% |
| 75     | 7.334 | 7.308 | 7.349 | VV | 106605 | 1267611 | 6.06%  | 0.262% |
| 76     | 7.358 | 7.349 | 7.381 | VV | 64940  | 773787  | 3.70%  | 0.160% |
| 77     | 7.398 | 7.381 | 7.450 | VV | 27568  | 521505  | 2.49%  | 0.108% |
| 78     | 7.471 | 7.450 | 7.498 | VV | 51793  | 554628  | 2.65%  | 0.115% |
| 79     | 7.515 | 7.498 | 7.549 | VV | 6652   | 141215  | 0.68%  | 0.029% |
| 80     | 7.569 | 7.549 | 7.580 | VV | 4240   | 74832   | 0.36%  | 0.015% |
| 81     | 7.597 | 7.580 | 7.612 | VV | 5188   | 89047   | 0.43%  | 0.018% |
| 82     | 7.644 | 7.612 | 7.670 | VV | 26682  | 368480  | 1.76%  | 0.076% |
| 83     | 7.686 | 7.670 | 7.708 | VV | 6598   | 101482  | 0.49%  | 0.021% |
| 84     | 7.725 | 7.708 | 7.741 | VV | 5540   | 85449   | 0.41%  | 0.018% |
| 85     | 7.762 | 7.741 | 7.785 | VV | 6432   | 117521  | 0.56%  | 0.024% |
| 86     | 7.815 | 7.785 | 7.856 | VV | 8796   | 180718  | 0.86%  | 0.037% |
| 87     | 7.874 | 7.856 | 7.888 | VV | 1450   | 21951   | 0.10%  | 0.005% |
| 88     | 7.903 | 7.888 | 7.914 | VV | 1555   | 19632   | 0.09%  | 0.004% |
| 89     | 8.048 | 8.038 | 8.056 | VV | 3596   | 36048   | 0.17%  | 0.007% |

|     |        |        |        |    |        |         |       |        |
|-----|--------|--------|--------|----|--------|---------|-------|--------|
|     |        |        |        |    | rteres |         |       |        |
| 90  | 8.075  | 8.056  | 8.094  | VV | 7790   | 106948  | 0.51% | 0.022% |
| 91  | 8.130  | 8.094  | 8.148  | VV | 10458  | 194489  | 0.93% | 0.040% |
| 92  | 8.171  | 8.148  | 8.189  | VV | 8027   | 144972  | 0.69% | 0.030% |
| 93  | 8.219  | 8.189  | 8.267  | VV | 75008  | 1135803 | 5.43% | 0.235% |
| 94  | 8.287  | 8.267  | 8.308  | VV | 44928  | 496710  | 2.37% | 0.103% |
| 95  | 8.343  | 8.308  | 8.363  | VV | 12610  | 298251  | 1.43% | 0.062% |
| 96  | 8.375  | 8.363  | 8.385  | VV | 7120   | 79936   | 0.38% | 0.017% |
| 97  | 8.407  | 8.385  | 8.432  | VV | 25127  | 368536  | 1.76% | 0.076% |
| 98  | 8.451  | 8.432  | 8.463  | VV | 14160  | 188298  | 0.90% | 0.039% |
| 99  | 8.481  | 8.463  | 8.505  | VV | 46058  | 527257  | 2.52% | 0.109% |
| 100 | 8.524  | 8.505  | 8.545  | VV | 13311  | 178612  | 0.85% | 0.037% |
| 101 | 8.556  | 8.545  | 8.576  | VV | 3650   | 57318   | 0.27% | 0.012% |
| 102 | 8.610  | 8.576  | 8.634  | VV | 4964   | 121900  | 0.58% | 0.025% |
| 103 | 8.650  | 8.634  | 8.665  | VV | 17449  | 173462  | 0.83% | 0.036% |
| 104 | 8.679  | 8.665  | 8.702  | VV | 12315  | 131657  | 0.63% | 0.027% |
| 105 | 8.732  | 8.702  | 8.755  | VV | 12948  | 148449  | 0.71% | 0.031% |
| 106 | 8.771  | 8.755  | 8.798  | VV | 3433   | 48790   | 0.23% | 0.010% |
| 107 | 8.910  | 8.892  | 8.953  | VV | 8819   | 190361  | 0.91% | 0.039% |
| 108 | 8.978  | 8.953  | 8.993  | VV | 49546  | 528356  | 2.53% | 0.109% |
| 109 | 9.010  | 8.993  | 9.036  | VV | 41967  | 538630  | 2.58% | 0.111% |
| 110 | 9.060  | 9.036  | 9.073  | VV | 5604   | 104319  | 0.50% | 0.022% |
| 111 | 9.109  | 9.073  | 9.130  | VV | 15429  | 317812  | 1.52% | 0.066% |
| 112 | 9.156  | 9.130  | 9.170  | VV | 18983  | 294870  | 1.41% | 0.061% |
| 113 | 9.182  | 9.170  | 9.199  | VV | 18651  | 223378  | 1.07% | 0.046% |
| 114 | 9.221  | 9.199  | 9.233  | VV | 31811  | 382605  | 1.83% | 0.079% |
| 115 | 9.241  | 9.233  | 9.271  | VV | 22925  | 306267  | 1.46% | 0.063% |
| 116 | 9.290  | 9.271  | 9.334  | VV | 36506  | 567604  | 2.71% | 0.117% |
| 117 | 9.351  | 9.334  | 9.370  | VV | 9175   | 153783  | 0.74% | 0.032% |
| 118 | 9.389  | 9.370  | 9.409  | VV | 23386  | 304950  | 1.46% | 0.063% |
| 119 | 9.417  | 9.409  | 9.439  | VV | 6689   | 70581   | 0.34% | 0.015% |
| 120 | 9.462  | 9.439  | 9.478  | PV | 7213   | 75870   | 0.36% | 0.016% |
| 121 | 9.490  | 9.478  | 9.514  | VV | 3648   | 43510   | 0.21% | 0.009% |
| 122 | 9.531  | 9.514  | 9.540  | VV | 2105   | 22158   | 0.11% | 0.005% |
| 123 | 9.560  | 9.540  | 9.584  | VV | 11204  | 133424  | 0.64% | 0.028% |
| 124 | 9.629  | 9.584  | 9.683  | VV | 8473   | 218804  | 1.05% | 0.045% |
| 125 | 9.707  | 9.683  | 9.741  | VV | 9139   | 155836  | 0.75% | 0.032% |
| 126 | 9.793  | 9.741  | 9.859  | VV | 52027  | 1029097 | 4.92% | 0.213% |
| 127 | 9.875  | 9.859  | 9.899  | VV | 1337   | 20109   | 0.10% | 0.004% |
| 128 | 9.930  | 9.899  | 9.953  | VV | 4727   | 101912  | 0.49% | 0.021% |
| 129 | 9.979  | 9.953  | 9.991  | VV | 4368   | 77829   | 0.37% | 0.016% |
| 130 | 10.010 | 9.991  | 10.035 | VV | 17024  | 217147  | 1.04% | 0.045% |
| 131 | 10.055 | 10.035 | 10.071 | VV | 6811   | 88572   | 0.42% | 0.018% |
| 132 | 10.101 | 10.071 | 10.122 | VV | 11315  | 238914  | 1.14% | 0.049% |
| 133 | 10.133 | 10.122 | 10.159 | VV | 7770   | 120616  | 0.58% | 0.025% |
| 134 | 10.183 | 10.159 | 10.221 | VV | 8711   | 194911  | 0.93% | 0.040% |
| 135 | 10.239 | 10.221 | 10.254 | VV | 3621   | 59958   | 0.29% | 0.012% |
| 136 | 10.273 | 10.254 | 10.298 | VV | 9683   | 134536  | 0.64% | 0.028% |
| 137 | 10.314 | 10.298 | 10.324 | VV | 3252   | 40356   | 0.19% | 0.008% |
| 138 | 10.349 | 10.324 | 10.361 | VV | 13511  | 188094  | 0.90% | 0.039% |
| 139 | 10.373 | 10.361 | 10.406 | VV | 13966  | 217459  | 1.04% | 0.045% |
| 140 | 10.421 | 10.406 | 10.434 | VV | 7426   | 77546   | 0.37% | 0.016% |
| 141 | 10.452 | 10.434 | 10.474 | VV | 15382  | 182092  | 0.87% | 0.038% |

|     |        |        |        |    | rteres |         |        |        |
|-----|--------|--------|--------|----|--------|---------|--------|--------|
| 142 | 10.520 | 10.474 | 10.551 | VV | 6199   | 165961  | 0.79%  | 0.034% |
| 143 | 10.579 | 10.551 | 10.600 | VV | 13530  | 241130  | 1.15%  | 0.050% |
| 144 | 10.611 | 10.600 | 10.631 | VV | 8350   | 107139  | 0.51%  | 0.022% |
| 145 | 10.660 | 10.631 | 10.682 | VV | 14136  | 260351  | 1.24%  | 0.054% |
| 146 | 10.719 | 10.682 | 10.734 | VV | 14219  | 320861  | 1.53%  | 0.066% |
| 147 | 10.754 | 10.734 | 10.782 | VV | 18509  | 293636  | 1.40%  | 0.061% |
| 148 | 10.815 | 10.782 | 10.833 | VV | 15241  | 212603  | 1.02%  | 0.044% |
| 149 | 10.846 | 10.833 | 10.857 | VV | 7475   | 85475   | 0.41%  | 0.018% |
| 150 | 10.869 | 10.857 | 10.903 | VV | 7993   | 133781  | 0.64%  | 0.028% |
| 151 | 10.941 | 10.903 | 10.961 | VV | 10712  | 233458  | 1.12%  | 0.048% |
| 152 | 10.997 | 10.961 | 11.030 | VV | 22888  | 501842  | 2.40%  | 0.104% |
| 153 | 11.067 | 11.030 | 11.103 | VV | 45672  | 854133  | 4.08%  | 0.177% |
| 154 | 11.133 | 11.103 | 11.152 | VV | 3508   | 82925   | 0.40%  | 0.017% |
| 155 | 11.194 | 11.152 | 11.233 | VV | 12393  | 273381  | 1.31%  | 0.057% |
| 156 | 11.259 | 11.233 | 11.294 | VV | 3357   | 74192   | 0.35%  | 0.015% |
| 157 | 11.332 | 11.294 | 11.356 | VV | 3852   | 93712   | 0.45%  | 0.019% |
| 158 | 11.403 | 11.356 | 11.416 | VV | 8093   | 186895  | 0.89%  | 0.039% |
| 159 | 11.440 | 11.416 | 11.466 | VV | 14366  | 248376  | 1.19%  | 0.051% |
| 160 | 11.501 | 11.466 | 11.524 | VV | 27317  | 482802  | 2.31%  | 0.100% |
| 161 | 11.542 | 11.524 | 11.563 | VV | 16838  | 308645  | 1.48%  | 0.064% |
| 162 | 11.572 | 11.563 | 11.586 | VV | 10314  | 126170  | 0.60%  | 0.026% |
| 163 | 11.619 | 11.586 | 11.645 | VV | 27055  | 587787  | 2.81%  | 0.122% |
| 164 | 11.665 | 11.645 | 11.709 | VV | 18822  | 418878  | 2.00%  | 0.087% |
| 165 | 11.744 | 11.709 | 11.772 | VV | 5740   | 139750  | 0.67%  | 0.029% |
| 166 | 11.792 | 11.772 | 11.805 | VV | 3911   | 55368   | 0.26%  | 0.011% |
| 167 | 11.829 | 11.805 | 11.849 | VV | 10176  | 166431  | 0.80%  | 0.034% |
| 168 | 11.893 | 11.849 | 11.941 | VV | 335521 | 3750327 | 17.93% | 0.776% |
| 169 | 11.969 | 11.941 | 11.994 | VV | 4512   | 91858   | 0.44%  | 0.019% |
| 170 | 12.018 | 11.994 | 12.039 | VV | 5942   | 87813   | 0.42%  | 0.018% |
| 171 | 12.061 | 12.039 | 12.090 | VV | 4804   | 90390   | 0.43%  | 0.019% |
| 172 | 12.119 | 12.090 | 12.142 | VV | 9663   | 166974  | 0.80%  | 0.035% |
| 173 | 12.166 | 12.142 | 12.192 | VV | 21599  | 297404  | 1.42%  | 0.062% |
| 174 | 12.226 | 12.192 | 12.261 | VV | 9226   | 264019  | 1.26%  | 0.055% |
| 175 | 12.277 | 12.261 | 12.315 | VV | 6100   | 141356  | 0.68%  | 0.029% |
| 176 | 12.326 | 12.315 | 12.335 | VV | 2220   | 21892   | 0.10%  | 0.005% |
| 177 | 12.366 | 12.335 | 12.393 | VV | 22920  | 310910  | 1.49%  | 0.064% |
| 178 | 12.411 | 12.393 | 12.424 | PV | 3821   | 38092   | 0.18%  | 0.008% |
| 179 | 12.452 | 12.424 | 12.466 | VV | 15562  | 228513  | 1.09%  | 0.047% |
| 180 | 12.487 | 12.466 | 12.514 | VV | 55274  | 701329  | 3.35%  | 0.145% |
| 181 | 12.534 | 12.514 | 12.564 | VV | 8304   | 186812  | 0.89%  | 0.039% |
| 182 | 12.586 | 12.564 | 12.599 | VV | 12742  | 176692  | 0.84%  | 0.037% |
| 183 | 12.617 | 12.599 | 12.647 | VV | 18657  | 295004  | 1.41%  | 0.061% |
| 184 | 12.695 | 12.647 | 12.713 | VV | 14440  | 290439  | 1.39%  | 0.060% |
| 185 | 12.724 | 12.713 | 12.743 | VV | 8649   | 114624  | 0.55%  | 0.024% |
| 186 | 12.765 | 12.743 | 12.784 | VV | 28972  | 346567  | 1.66%  | 0.072% |
| 187 | 12.804 | 12.784 | 12.831 | VV | 15871  | 266250  | 1.27%  | 0.055% |
| 188 | 12.872 | 12.831 | 12.895 | VV | 22418  | 511229  | 2.44%  | 0.106% |
| 189 | 12.907 | 12.895 | 12.930 | VV | 15376  | 214744  | 1.03%  | 0.044% |
| 190 | 12.950 | 12.930 | 12.972 | VV | 12868  | 202999  | 0.97%  | 0.042% |
| 191 | 12.989 | 12.972 | 13.018 | VV | 7250   | 147753  | 0.71%  | 0.031% |
| 192 | 13.061 | 13.018 | 13.079 | VV | 9933   | 251400  | 1.20%  | 0.052% |
| 193 | 13.092 | 13.079 | 13.108 | VV | 5040   | 70341   | 0.34%  | 0.015% |
| 194 | 13.130 | 13.108 | 13.146 | VV | 12061  | 173846  | 0.83%  | 0.036% |

| rteres |        |        |        |    |        |         |               |
|--------|--------|--------|--------|----|--------|---------|---------------|
| 195    | 13.165 | 13.146 | 13.194 | VV | 11095  | 225293  | 1.08% 0.047%  |
| 196    | 13.210 | 13.194 | 13.226 | VV | 5658   | 70935   | 0.34% 0.015%  |
| 197    | 13.246 | 13.226 | 13.287 | VV | 8790   | 193776  | 0.93% 0.040%  |
| 198    | 13.329 | 13.287 | 13.365 | VV | 224151 | 2932100 | 14.02% 0.606% |
| 199    | 13.382 | 13.365 | 13.390 | VV | 8976   | 109647  | 0.52% 0.023%  |
| 200    | 13.400 | 13.390 | 13.464 | VV | 9781   | 198268  | 0.95% 0.041%  |
| 201    | 13.519 | 13.464 | 13.528 | VV | 9958   | 168568  | 0.81% 0.035%  |
| 202    | 13.535 | 13.528 | 13.554 | VV | 9524   | 111239  | 0.53% 0.023%  |
| 203    | 13.569 | 13.554 | 13.590 | VV | 5447   | 89895   | 0.43% 0.019%  |
| 204    | 13.602 | 13.590 | 13.610 | VV | 4360   | 44092   | 0.21% 0.009%  |
| 205    | 13.625 | 13.610 | 13.643 | VV | 5470   | 87137   | 0.42% 0.018%  |
| 206    | 13.656 | 13.643 | 13.677 | VV | 4794   | 67892   | 0.32% 0.014%  |
| 207    | 13.725 | 13.677 | 13.781 | VV | 9992   | 216133  | 1.03% 0.045%  |
| 208    | 13.802 | 13.781 | 13.818 | VV | 3345   | 43479   | 0.21% 0.009%  |
| 209    | 13.839 | 13.818 | 13.855 | VV | 4821   | 67802   | 0.32% 0.014%  |
| 210    | 13.886 | 13.855 | 13.924 | VV | 3292   | 104714  | 0.50% 0.022%  |
| 211    | 13.938 | 13.924 | 13.971 | VV | 2135   | 35305   | 0.17% 0.007%  |
| 212    | 14.000 | 13.971 | 14.010 | VV | 2660   | 37232   | 0.18% 0.008%  |
| 213    | 14.028 | 14.010 | 14.060 | VV | 5228   | 82576   | 0.39% 0.017%  |
| 214    | 14.094 | 14.060 | 14.136 | PV | 2548   | 61525   | 0.29% 0.013%  |
| 215    | 14.158 | 14.136 | 14.180 | VV | 3446   | 42141   | 0.20% 0.009%  |
| 216    | 14.200 | 14.180 | 14.211 | VV | 2267   | 25874   | 0.12% 0.005%  |
| 217    | 14.239 | 14.211 | 14.267 | VV | 3570   | 79391   | 0.38% 0.016%  |
| 218    | 14.288 | 14.267 | 14.328 | VV | 2060   | 43080   | 0.21% 0.009%  |
| 219    | 14.379 | 14.328 | 14.429 | PV | 6400   | 134384  | 0.64% 0.028%  |
| 220    | 14.485 | 14.429 | 14.537 | VV | 12870  | 359274  | 1.72% 0.074%  |
| 221    | 14.563 | 14.537 | 14.579 | VV | 3849   | 57959   | 0.28% 0.012%  |
| 222    | 14.590 | 14.579 | 14.602 | VV | 2978   | 32565   | 0.16% 0.007%  |
| 223    | 14.639 | 14.602 | 14.657 | VV | 3608   | 91165   | 0.44% 0.019%  |
| 224    | 14.696 | 14.657 | 14.733 | VV | 18517  | 330512  | 1.58% 0.068%  |
| 225    | 14.776 | 14.733 | 14.797 | VV | 12868  | 235602  | 1.13% 0.049%  |
| 226    | 14.819 | 14.797 | 14.874 | VV | 13684  | 253712  | 1.21% 0.052%  |
| 227    | 14.898 | 14.874 | 14.916 | VV | 4501   | 55742   | 0.27% 0.012%  |
| 228    | 14.944 | 14.916 | 14.954 | VV | 7154   | 108276  | 0.52% 0.022%  |
| 229    | 14.969 | 14.954 | 14.985 | VV | 6888   | 117734  | 0.56% 0.024%  |
| 230    | 15.008 | 14.985 | 15.031 | VV | 13717  | 226568  | 1.08% 0.047%  |
| 231    | 15.060 | 15.031 | 15.090 | VV | 4801   | 152357  | 0.73% 0.032%  |
| 232    | 15.137 | 15.090 | 15.198 | VV | 9279   | 354648  | 1.70% 0.073%  |
| 233    | 15.215 | 15.198 | 15.230 | VV | 3668   | 58620   | 0.28% 0.012%  |
| 234    | 15.241 | 15.230 | 15.251 | VV | 3311   | 39361   | 0.19% 0.008%  |
| 235    | 15.291 | 15.251 | 15.308 | VV | 4364   | 115823  | 0.55% 0.024%  |
| 236    | 15.321 | 15.308 | 15.340 | VV | 4109   | 56775   | 0.27% 0.012%  |
| 237    | 15.375 | 15.340 | 15.411 | VV | 3265   | 94888   | 0.45% 0.020%  |
| 238    | 15.450 | 15.411 | 15.467 | PV | 1996   | 43807   | 0.21% 0.009%  |
| 239    | 15.562 | 15.467 | 15.621 | VV | 15281  | 377327  | 1.80% 0.078%  |
| 240    | 15.640 | 15.621 | 15.672 | VV | 3079   | 58313   | 0.28% 0.012%  |
| 241    | 15.723 | 15.672 | 15.757 | VV | 4534   | 143113  | 0.68% 0.030%  |
| 242    | 15.773 | 15.757 | 15.791 | VV | 3542   | 53850   | 0.26% 0.011%  |
| 243    | 15.809 | 15.791 | 15.828 | VV | 2302   | 40078   | 0.19% 0.008%  |
| 244    | 15.842 | 15.828 | 15.871 | VV | 2213   | 33563   | 0.16% 0.007%  |
| 245    | 15.907 | 15.871 | 15.929 | PV | 2346   | 36916   | 0.18% 0.008%  |
| 246    | 15.966 | 15.929 | 15.978 | VV | 2606   | 51158   | 0.24% 0.011%  |

| rteres |        |        |        |    |        |         |        |        |
|--------|--------|--------|--------|----|--------|---------|--------|--------|
| 247    | 16.022 | 15.978 | 16.045 | VV | 3563   | 87505   | 0.42%  | 0.018% |
| 248    | 16.064 | 16.045 | 16.075 | VV | 3310   | 45145   | 0.22%  | 0.009% |
| 249    | 16.086 | 16.075 | 16.121 | VV | 2731   | 52249   | 0.25%  | 0.011% |
| 250    | 16.203 | 16.121 | 16.219 | VV | 3588   | 107688  | 0.51%  | 0.022% |
| 251    | 16.242 | 16.219 | 16.294 | VV | 3339   | 108164  | 0.52%  | 0.022% |
| 252    | 16.331 | 16.294 | 16.355 | VV | 2147   | 48110   | 0.23%  | 0.010% |
| 253    | 16.405 | 16.355 | 16.425 | PV | 4653   | 113503  | 0.54%  | 0.023% |
| 254    | 16.442 | 16.425 | 16.461 | VV | 3295   | 52186   | 0.25%  | 0.011% |
| 255    | 16.508 | 16.461 | 16.544 | VV | 5283   | 177315  | 0.85%  | 0.037% |
| 256    | 16.575 | 16.544 | 16.595 | VV | 5568   | 141437  | 0.68%  | 0.029% |
| 257    | 16.612 | 16.595 | 16.628 | VV | 4907   | 84587   | 0.40%  | 0.017% |
| 258    | 16.655 | 16.628 | 16.664 | VV | 6378   | 102256  | 0.49%  | 0.021% |
| 259    | 16.690 | 16.664 | 16.716 | VV | 10383  | 216980  | 1.04%  | 0.045% |
| 260    | 16.832 | 16.716 | 16.844 | VV | 8714   | 513584  | 2.46%  | 0.106% |
| 261    | 16.901 | 16.844 | 16.935 | VV | 10049  | 466547  | 2.23%  | 0.097% |
| 262    | 16.947 | 16.935 | 16.967 | VV | 8806   | 160835  | 0.77%  | 0.033% |
| 263    | 17.026 | 16.967 | 17.048 | VV | 11393  | 465561  | 2.23%  | 0.096% |
| 264    | 17.064 | 17.048 | 17.098 | VV | 10112  | 286162  | 1.37%  | 0.059% |
| 265    | 17.175 | 17.098 | 17.194 | VV | 18472  | 821285  | 3.93%  | 0.170% |
| 266    | 17.210 | 17.194 | 17.224 | VV | 16190  | 277700  | 1.33%  | 0.057% |
| 267    | 17.237 | 17.224 | 17.254 | VV | 15602  | 265715  | 1.27%  | 0.055% |
| 268    | 17.292 | 17.254 | 17.300 | VV | 15253  | 423313  | 2.02%  | 0.088% |
| 269    | 17.351 | 17.300 | 17.361 | VV | 19203  | 631813  | 3.02%  | 0.131% |
| 270    | 17.398 | 17.361 | 17.443 | VV | 30873  | 1171754 | 5.60%  | 0.242% |
| 271    | 17.474 | 17.443 | 17.496 | VV | 28418  | 816694  | 3.90%  | 0.169% |
| 272    | 17.568 | 17.496 | 17.628 | VV | 36395  | 2309343 | 11.04% | 0.478% |
| 273    | 17.718 | 17.628 | 17.744 | VV | 36303  | 2148294 | 10.27% | 0.444% |
| 274    | 17.782 | 17.744 | 17.797 | VV | 35113  | 1031625 | 4.93%  | 0.213% |
| 275    | 17.825 | 17.797 | 17.847 | VV | 35024  | 992967  | 4.75%  | 0.205% |
| 276    | 17.870 | 17.847 | 17.894 | VV | 36214  | 976876  | 4.67%  | 0.202% |
| 277    | 17.899 | 17.894 | 17.906 | VV | 35105  | 229086  | 1.10%  | 0.047% |
| 278    | 17.946 | 17.906 | 17.968 | VV | 40473  | 1408663 | 6.73%  | 0.291% |
| 279    | 17.982 | 17.968 | 17.991 | VV | 40258  | 551577  | 2.64%  | 0.114% |
| 280    | 18.042 | 17.991 | 18.068 | VV | 52658  | 2118474 | 10.13% | 0.438% |
| 281    | 18.086 | 18.068 | 18.108 | VV | 50164  | 1133395 | 5.42%  | 0.234% |
| 282    | 18.186 | 18.108 | 18.270 | VV | 82495  | 5555685 | 26.56% | 1.149% |
| 283    | 18.291 | 18.270 | 18.308 | VV | 53132  | 1185027 | 5.67%  | 0.245% |
| 284    | 18.332 | 18.308 | 18.346 | VV | 54692  | 1226412 | 5.86%  | 0.254% |
| 285    | 18.394 | 18.346 | 18.438 | VV | 67739  | 3259907 | 15.59% | 0.674% |
| 286    | 18.455 | 18.438 | 18.484 | VV | 58240  | 1595056 | 7.63%  | 0.330% |
| 287    | 18.553 | 18.484 | 18.599 | VV | 109464 | 4992821 | 23.87% | 1.033% |
| 288    | 18.633 | 18.599 | 18.647 | VV | 70739  | 1965551 | 9.40%  | 0.407% |
| 289    | 18.668 | 18.647 | 18.683 | VV | 73498  | 1561614 | 7.47%  | 0.323% |
| 290    | 18.710 | 18.683 | 18.723 | VV | 77989  | 1787991 | 8.55%  | 0.370% |
| 291    | 18.754 | 18.723 | 18.771 | VV | 80207  | 2241602 | 10.72% | 0.464% |
| 292    | 18.778 | 18.771 | 18.788 | VV | 79120  | 806611  | 3.86%  | 0.167% |
| 293    | 18.875 | 18.788 | 18.904 | VV | 88001  | 5722735 | 27.36% | 1.184% |
| 294    | 18.927 | 18.904 | 18.941 | VV | 87235  | 1867417 | 8.93%  | 0.386% |
| 295    | 18.975 | 18.941 | 19.001 | VV | 111330 | 3436810 | 16.43% | 0.711% |
| 296    | 19.025 | 19.001 | 19.091 | VV | 108641 | 5335169 | 25.51% | 1.104% |
| 297    | 19.155 | 19.091 | 19.187 | VV | 106749 | 5823972 | 27.84% | 1.205% |
| 298    | 19.235 | 19.187 | 19.248 | VV | 114787 | 3950919 | 18.89% | 0.817% |
| 299    | 19.274 | 19.248 | 19.285 | VV | 115829 | 2570687 | 12.29% | 0.532% |

|                         |        |        |        |     |           |          |         |        |
|-------------------------|--------|--------|--------|-----|-----------|----------|---------|--------|
|                         |        |        |        |     | rteres    |          |         |        |
| 300                     | 19.306 | 19.285 | 19.336 | VV  | 126610    | 3595914  | 17.19%  | 0.744% |
| 301                     | 19.374 | 19.336 | 19.424 | VV  | 127437    | 6171533  | 29.51%  | 1.277% |
| 302                     | 19.538 | 19.424 | 19.578 | VV  | 131409    | 11677078 | 55.83%  | 2.415% |
| 303                     | 19.592 | 19.578 | 19.611 | VV  | 133164    | 2642722  | 12.63%  | 0.547% |
| 304                     | 19.626 | 19.611 | 19.634 | VV  | 135707    | 1881639  | 9.00%   | 0.389% |
| 305                     | 19.684 | 19.634 | 19.722 | VV  | 148992    | 7399063  | 35.38%  | 1.530% |
| 306                     | 19.783 | 19.722 | 19.810 | VV  | 151979    | 7554921  | 36.12%  | 1.563% |
| 307                     | 19.921 | 19.810 | 19.931 | VV  | 166952    | 11491487 | 54.94%  | 2.377% |
| 308                     | 19.947 | 19.931 | 19.981 | VV  | 168191    | 4995981  | 23.89%  | 1.033% |
| 309                     | 20.009 | 19.981 | 20.034 | VV  | 180943    | 5497750  | 26.28%  | 1.137% |
| 310                     | 20.081 | 20.034 | 20.118 | VV  | 185064    | 8975221  | 42.91%  | 1.857% |
| 311                     | 20.185 | 20.118 | 20.207 | VV  | 193141    | 9919876  | 47.43%  | 2.052% |
| 312                     | 20.238 | 20.207 | 20.246 | VV  | 197181    | 4573250  | 21.86%  | 0.946% |
| 313                     | 20.310 | 20.246 | 20.329 | VV  | 220497    | 10353463 | 49.50%  | 2.142% |
| 314                     | 20.393 | 20.329 | 20.430 | VV  | 220958    | 13110935 | 62.68%  | 2.712% |
| 315                     | 20.465 | 20.430 | 20.483 | VV  | 223616    | 6947271  | 33.21%  | 1.437% |
| 316                     | 20.496 | 20.483 | 20.511 | VV  | 218688    | 3669334  | 17.54%  | 0.759% |
| 317                     | 20.566 | 20.511 | 20.574 | VV  | 239686    | 8726484  | 41.72%  | 1.805% |
| 318                     | 20.608 | 20.574 | 20.624 | VV  | 249403    | 7257700  | 34.70%  | 1.501% |
| 319                     | 20.641 | 20.624 | 20.655 | VV  | 248464    | 4499598  | 21.51%  | 0.931% |
| 320                     | 20.674 | 20.655 | 20.704 | VV  | 247560    | 7271470  | 34.76%  | 1.504% |
| 321                     | 20.751 | 20.704 | 20.766 | VV  | 254907    | 9158683  | 43.79%  | 1.894% |
| 322                     | 20.798 | 20.766 | 20.844 | VV  | 253288    | 11795793 | 56.40%  | 2.440% |
| 323                     | 20.861 | 20.844 | 20.919 | VV  | 251309    | 11024611 | 52.71%  | 2.280% |
| 324                     | 20.939 | 20.919 | 20.948 | VV  | 241764    | 4091786  | 19.56%  | 0.846% |
| 325                     | 20.964 | 20.948 | 21.012 | VV  | 243266    | 9252049  | 44.23%  | 1.914% |
| 326                     | 21.026 | 21.012 | 21.047 | VV  | 233106    | 4785437  | 22.88%  | 0.990% |
| 327                     | 21.127 | 21.047 | 21.194 | VV  | 245058    | 20916070 | 100.00% | 4.326% |
| 328                     | 21.203 | 21.194 | 21.243 | VV  | 233261    | 6635739  | 31.73%  | 1.373% |
| 329                     | 21.261 | 21.243 | 21.278 | VV  | 224622    | 4671076  | 22.33%  | 0.966% |
| 330                     | 21.288 | 21.278 | 21.338 | VV  | 221950    | 7936541  | 37.94%  | 1.642% |
| 331                     | 21.347 | 21.338 | 21.401 | VV  | 217431    | 7983089  | 38.17%  | 1.651% |
| 332                     | 21.424 | 21.401 | 21.434 | VV  | 213207    | 4275285  | 20.44%  | 0.884% |
| 333                     | 21.456 | 21.434 | 21.521 | VV  | 212335    | 10971280 | 52.45%  | 2.269% |
| 334                     | 21.547 | 21.521 | 21.665 | VV  | 213004    | 17730812 | 84.77%  | 3.668% |
| 335                     | 21.673 | 21.665 | 21.710 | VV  | 193845    | 5134040  | 24.55%  | 1.062% |
| 336                     | 21.720 | 21.710 | 21.734 | VV  | 195726    | 2815403  | 13.46%  | 0.582% |
| 337                     | 21.776 | 21.734 | 21.788 | VV  | 196203    | 6242733  | 29.85%  | 1.291% |
| 338                     | 21.823 | 21.788 | 21.853 | VV  | 197541    | 7675920  | 36.70%  | 1.588% |
| 339                     | 21.866 | 21.853 | 21.982 | VV  | 192588    | 13826822 | 66.11%  | 2.860% |
| 340                     | 22.060 | 21.982 | 22.070 | VV  | 179983    | 9148886  | 43.74%  | 1.892% |
| 341                     | 22.088 | 22.070 | 22.097 | VV  | 180841    | 2923045  | 13.98%  | 0.605% |
| 342                     | 22.109 | 22.097 | 22.201 | VBA | 183943    | 11372126 | 54.37%  | 2.352% |
| Sum of corrected areas: |        |        |        |     | 483447876 |          |         |        |

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