

rteres

## Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC100920AL\  
 Data File : FC050007.D  
 Signal(s) : FID1A.CH  
 Acq On : 10 Oct 2020 2:21  
 Sample : L4319-03  
 Misc :  
 ALS Vial : 19 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Alaphatic EPH 100620.M  
 Title : GC Extractables

Signal : FID1A.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         | 3.386       | 3.342        | 3.401      | BV       | 409            | 3587         | 0.01%          | 0.000%        |
| 2         | 3.410       | 3.401        | 3.421      | PV       | 201            | 1577         | 0.01%          | 0.000%        |
| 3         | 3.434       | 3.421        | 3.480      | VV       | 215            | 4105         | 0.01%          | 0.000%        |
| 4         | 3.502       | 3.480        | 3.520      | PV       | 381            | 5233         | 0.02%          | 0.001%        |
| 5         | 3.539       | 3.520        | 3.557      | VV       | 288            | 4265         | 0.01%          | 0.000%        |
| 6         | 3.582       | 3.557        | 3.612      | VV       | 1153           | 16164        | 0.05%          | 0.002%        |
| 7         | 3.662       | 3.612        | 3.673      | VV       | 812            | 16459        | 0.05%          | 0.002%        |
| 8         | 3.690       | 3.673        | 3.729      | VV       | 3496           | 36769        | 0.12%          | 0.004%        |
| 9         | 3.757       | 3.729        | 3.767      | VV       | 2922           | 28422        | 0.09%          | 0.003%        |
| 10        | 3.777       | 3.767        | 3.812      | VV       | 3847           | 36870        | 0.12%          | 0.004%        |
| 11        | 3.841       | 3.812        | 3.852      | VV       | 1025           | 13187        | 0.04%          | 0.001%        |
| 12        | 3.875       | 3.852        | 3.916      | VV       | 2294           | 31383        | 0.10%          | 0.003%        |
| 13        | 3.964       | 3.916        | 4.032      | VV       | 807            | 21411        | 0.07%          | 0.002%        |
| 14        | 4.055       | 4.032        | 4.071      | VV       | 1426           | 18017        | 0.06%          | 0.002%        |
| 15        | 4.078       | 4.071        | 4.087      | VV       | 975            | 8017         | 0.03%          | 0.001%        |
| 16        | 4.109       | 4.087        | 4.128      | VV       | 4694           | 52196        | 0.17%          | 0.005%        |
| 17        | 4.140       | 4.128        | 4.187      | VV       | 1058           | 16858        | 0.06%          | 0.002%        |
| 18        | 4.220       | 4.187        | 4.244      | VV       | 2236           | 31676        | 0.10%          | 0.003%        |
| 19        | 4.254       | 4.244        | 4.281      | VV       | 1050           | 16177        | 0.05%          | 0.002%        |
| 20        | 4.289       | 4.281        | 4.297      | VV       | 616            | 5345         | 0.02%          | 0.001%        |
| 21        | 4.304       | 4.297        | 4.349      | VV       | 483            | 9988         | 0.03%          | 0.001%        |
| 22        | 4.375       | 4.349        | 4.404      | VV       | 305            | 6446         | 0.02%          | 0.001%        |
| 23        | 4.414       | 4.404        | 4.441      | VV       | 317            | 4057         | 0.01%          | 0.000%        |
| 24        | 4.459       | 4.441        | 4.476      | VV       | 656            | 7434         | 0.02%          | 0.001%        |
| 25        | 4.484       | 4.476        | 4.497      | VV       | 333            | 3003         | 0.01%          | 0.000%        |
| 26        | 4.525       | 4.497        | 4.549      | VV       | 426            | 8875         | 0.03%          | 0.001%        |
| 27        | 4.575       | 4.549        | 4.591      | VV       | 482            | 9331         | 0.03%          | 0.001%        |
| 28        | 4.606       | 4.591        | 4.635      | VV       | 624            | 9211         | 0.03%          | 0.001%        |
| 29        | 4.663       | 4.635        | 4.701      | VV       | 382            | 8751         | 0.03%          | 0.001%        |
| 30        | 4.714       | 4.701        | 4.727      | VV       | 488            | 5193         | 0.02%          | 0.000%        |
| 31        | 4.742       | 4.727        | 4.764      | VV       | 571            | 6959         | 0.02%          | 0.001%        |
| 32        | 4.791       | 4.764        | 4.804      | VV       | 368            | 5836         | 0.02%          | 0.001%        |
| 33        | 4.822       | 4.804        | 4.861      | VV       | 758            | 15876        | 0.05%          | 0.002%        |
| 34        | 4.887       | 4.861        | 4.914      | VV       | 1099           | 16010        | 0.05%          | 0.002%        |
| 35        | 4.961       | 4.914        | 4.979      | VV       | 386            | 6646         | 0.02%          | 0.001%        |
| 36        | 4.994       | 4.979        | 5.007      | PV       | 505            | 4691         | 0.02%          | 0.000%        |

|    |       |       |       |    | rteres |       |       |        |
|----|-------|-------|-------|----|--------|-------|-------|--------|
| 37 | 5.022 | 5.007 | 5.038 | VV | 267    | 3278  | 0.01% | 0.000% |
| 38 | 5.061 | 5.038 | 5.081 | VV | 225    | 3251  | 0.01% | 0.000% |
| 39 | 5.096 | 5.081 | 5.122 | VV | 308    | 5291  | 0.02% | 0.001% |
| 40 | 5.153 | 5.122 | 5.169 | VV | 363    | 6971  | 0.02% | 0.001% |
|    |       |       |       |    |        |       |       |        |
| 41 | 5.203 | 5.169 | 5.225 | VV | 640    | 10433 | 0.03% | 0.001% |
| 42 | 5.240 | 5.225 | 5.285 | VV | 229    | 6480  | 0.02% | 0.001% |
| 43 | 5.320 | 5.285 | 5.347 | VV | 653    | 10313 | 0.03% | 0.001% |
| 44 | 5.361 | 5.347 | 5.434 | VV | 406    | 11328 | 0.04% | 0.001% |
| 45 | 5.458 | 5.434 | 5.474 | VV | 203    | 2295  | 0.01% | 0.000% |
|    |       |       |       |    |        |       |       |        |
| 46 | 5.497 | 5.474 | 5.511 | PV | 437    | 5631  | 0.02% | 0.001% |
| 47 | 5.534 | 5.511 | 5.542 | VV | 409    | 6681  | 0.02% | 0.001% |
| 48 | 5.557 | 5.542 | 5.597 | VV | 500    | 12443 | 0.04% | 0.001% |
| 49 | 5.611 | 5.597 | 5.656 | VV | 781    | 12255 | 0.04% | 0.001% |
| 50 | 5.696 | 5.656 | 5.716 | VV | 1482   | 20379 | 0.07% | 0.002% |
|    |       |       |       |    |        |       |       |        |
| 51 | 5.751 | 5.716 | 5.782 | VV | 628    | 13321 | 0.04% | 0.001% |
| 52 | 5.810 | 5.782 | 5.831 | VV | 834    | 11667 | 0.04% | 0.001% |
| 53 | 5.860 | 5.831 | 5.882 | PV | 457    | 8374  | 0.03% | 0.001% |
| 54 | 5.919 | 5.882 | 5.984 | VV | 955    | 26088 | 0.09% | 0.002% |
| 55 | 6.024 | 5.984 | 6.034 | VV | 821    | 11093 | 0.04% | 0.001% |
|    |       |       |       |    |        |       |       |        |
| 56 | 6.056 | 6.034 | 6.116 | VV | 1223   | 28704 | 0.10% | 0.003% |
| 57 | 6.124 | 6.116 | 6.137 | VV | 261    | 2340  | 0.01% | 0.000% |
| 58 | 6.155 | 6.137 | 6.174 | VV | 787    | 9148  | 0.03% | 0.001% |
| 59 | 6.200 | 6.174 | 6.235 | VV | 828    | 17652 | 0.06% | 0.002% |
| 60 | 6.254 | 6.235 | 6.279 | VV | 1044   | 16728 | 0.06% | 0.002% |
|    |       |       |       |    |        |       |       |        |
| 61 | 6.297 | 6.279 | 6.319 | VV | 922    | 13317 | 0.04% | 0.001% |
| 62 | 6.328 | 6.319 | 6.356 | VV | 539    | 6062  | 0.02% | 0.001% |
| 63 | 6.409 | 6.356 | 6.432 | VV | 726    | 18365 | 0.06% | 0.002% |
| 64 | 6.446 | 6.432 | 6.511 | VV | 1188   | 21888 | 0.07% | 0.002% |
| 65 | 6.543 | 6.511 | 6.571 | PV | 1371   | 20338 | 0.07% | 0.002% |
|    |       |       |       |    |        |       |       |        |
| 66 | 6.585 | 6.571 | 6.611 | VV | 1366   | 21073 | 0.07% | 0.002% |
| 67 | 6.645 | 6.611 | 6.662 | VV | 1601   | 29674 | 0.10% | 0.003% |
| 68 | 6.680 | 6.662 | 6.702 | VV | 1016   | 14999 | 0.05% | 0.001% |
| 69 | 6.716 | 6.702 | 6.728 | VV | 390    | 3570  | 0.01% | 0.000% |
| 70 | 6.754 | 6.728 | 6.774 | VV | 1392   | 21164 | 0.07% | 0.002% |
|    |       |       |       |    |        |       |       |        |
| 71 | 6.786 | 6.774 | 6.794 | VV | 607    | 6145  | 0.02% | 0.001% |
| 72 | 6.818 | 6.794 | 6.836 | VV | 1392   | 25261 | 0.08% | 0.002% |
| 73 | 6.860 | 6.836 | 6.873 | VV | 1914   | 32000 | 0.11% | 0.003% |
| 74 | 6.889 | 6.873 | 6.909 | VV | 2105   | 34581 | 0.11% | 0.003% |
| 75 | 6.921 | 6.909 | 6.934 | VV | 1620   | 17788 | 0.06% | 0.002% |
|    |       |       |       |    |        |       |       |        |
| 76 | 6.954 | 6.934 | 6.971 | VV | 2152   | 33136 | 0.11% | 0.003% |
| 77 | 6.987 | 6.971 | 7.002 | VV | 2885   | 40074 | 0.13% | 0.004% |
| 78 | 7.018 | 7.002 | 7.029 | VV | 2386   | 32783 | 0.11% | 0.003% |
| 79 | 7.052 | 7.029 | 7.072 | VV | 2539   | 54105 | 0.18% | 0.005% |
| 80 | 7.104 | 7.072 | 7.121 | VV | 2108   | 49954 | 0.17% | 0.005% |
|    |       |       |       |    |        |       |       |        |
| 81 | 7.146 | 7.121 | 7.162 | VV | 3321   | 60260 | 0.20% | 0.006% |
| 82 | 7.175 | 7.162 | 7.184 | VV | 2613   | 31203 | 0.10% | 0.003% |
| 83 | 7.204 | 7.184 | 7.237 | VV | 3887   | 89380 | 0.30% | 0.009% |
| 84 | 7.246 | 7.237 | 7.258 | VV | 1909   | 20734 | 0.07% | 0.002% |
| 85 | 7.293 | 7.258 | 7.308 | VV | 4430   | 91024 | 0.30% | 0.009% |
|    |       |       |       |    |        |       |       |        |
| 86 | 7.322 | 7.308 | 7.352 | VV | 3705   | 82141 | 0.27% | 0.008% |
| 87 | 7.384 | 7.352 | 7.396 | VV | 3979   | 79303 | 0.26% | 0.008% |
| 88 | 7.406 | 7.396 | 7.416 | VV | 3773   | 42516 | 0.14% | 0.004% |
| 89 | 7.430 | 7.416 | 7.442 | VV | 5006   | 68287 | 0.23% | 0.007% |

|     |        |        |        |    |        |         |        |        |
|-----|--------|--------|--------|----|--------|---------|--------|--------|
|     |        |        |        |    | rteres |         |        |        |
| 90  | 7.502  | 7.442  | 7.515  | VV | 5562   | 207951  | 0.69%  | 0.020% |
| 91  | 7.543  | 7.515  | 7.556  | VV | 6358   | 137324  | 0.46%  | 0.013% |
| 92  | 7.587  | 7.556  | 7.622  | VV | 6911   | 241972  | 0.80%  | 0.023% |
| 93  | 7.647  | 7.622  | 7.655  | VV | 5426   | 100242  | 0.33%  | 0.010% |
| 94  | 7.674  | 7.655  | 7.685  | VV | 8651   | 124536  | 0.41%  | 0.012% |
| 95  | 7.800  | 7.781  | 7.821  | VV | 11679  | 237781  | 0.79%  | 0.023% |
| 96  | 7.851  | 7.821  | 7.886  | VV | 15027  | 477242  | 1.58%  | 0.046% |
| 97  | 7.895  | 7.886  | 7.922  | VV | 12023  | 229931  | 0.76%  | 0.022% |
| 98  | 7.987  | 7.922  | 8.004  | VV | 15377  | 589465  | 1.95%  | 0.056% |
| 99  | 8.027  | 8.004  | 8.074  | VV | 32162  | 781023  | 2.59%  | 0.075% |
| 100 | 8.094  | 8.074  | 8.113  | VV | 17883  | 356542  | 1.18%  | 0.034% |
| 101 | 8.132  | 8.113  | 8.147  | VV | 17788  | 335669  | 1.11%  | 0.032% |
| 102 | 8.171  | 8.147  | 8.199  | VV | 25354  | 633859  | 2.10%  | 0.061% |
| 103 | 8.249  | 8.199  | 8.276  | VV | 72025  | 1525108 | 5.06%  | 0.146% |
| 104 | 8.294  | 8.276  | 8.324  | VV | 28646  | 701133  | 2.32%  | 0.067% |
| 105 | 8.345  | 8.324  | 8.383  | VV | 39995  | 990005  | 3.28%  | 0.095% |
| 106 | 8.398  | 8.383  | 8.416  | VV | 26295  | 485614  | 1.61%  | 0.047% |
| 107 | 8.451  | 8.416  | 8.490  | VV | 75041  | 1762019 | 5.84%  | 0.169% |
| 108 | 8.503  | 8.490  | 8.514  | VV | 28426  | 396341  | 1.31%  | 0.038% |
| 109 | 8.553  | 8.514  | 8.571  | VV | 41372  | 1164317 | 3.86%  | 0.112% |
| 110 | 8.680  | 8.657  | 8.704  | VV | 65438  | 1382909 | 4.58%  | 0.132% |
| 111 | 8.716  | 8.704  | 8.727  | VV | 42893  | 573192  | 1.90%  | 0.055% |
| 112 | 8.748  | 8.727  | 8.770  | VV | 99188  | 1697097 | 5.63%  | 0.163% |
| 113 | 8.786  | 8.770  | 8.795  | VV | 59285  | 796180  | 2.64%  | 0.076% |
| 114 | 8.812  | 8.795  | 8.841  | VV | 93226  | 1714166 | 5.68%  | 0.164% |
| 115 | 8.853  | 8.841  | 8.869  | VV | 46481  | 777443  | 2.58%  | 0.074% |
| 116 | 8.918  | 8.869  | 8.932  | VV | 62659  | 2009353 | 6.66%  | 0.192% |
| 117 | 8.946  | 8.932  | 8.972  | VV | 58644  | 1328830 | 4.40%  | 0.127% |
| 118 | 8.983  | 8.972  | 9.001  | VV | 55298  | 913958  | 3.03%  | 0.088% |
| 119 | 9.034  | 9.001  | 9.069  | VV | 79418  | 2618711 | 8.68%  | 0.251% |
| 120 | 9.092  | 9.069  | 9.114  | VV | 59387  | 1558948 | 5.17%  | 0.149% |
| 121 | 9.130  | 9.114  | 9.139  | VV | 61576  | 876362  | 2.90%  | 0.084% |
| 122 | 9.190  | 9.139  | 9.229  | VV | 73749  | 3568906 | 11.83% | 0.342% |
| 123 | 9.266  | 9.229  | 9.282  | VV | 69897  | 2151653 | 7.13%  | 0.206% |
| 124 | 9.320  | 9.282  | 9.377  | VV | 87495  | 4410669 | 14.62% | 0.423% |
| 125 | 9.424  | 9.377  | 9.447  | VV | 112477 | 3813239 | 12.64% | 0.365% |
| 126 | 9.480  | 9.447  | 9.489  | VV | 114387 | 2452010 | 8.13%  | 0.235% |
| 127 | 9.506  | 9.489  | 9.540  | VV | 186325 | 3818619 | 12.66% | 0.366% |
| 128 | 9.586  | 9.540  | 9.606  | VV | 122280 | 4084012 | 13.54% | 0.391% |
| 129 | 9.614  | 9.606  | 9.632  | VV | 103618 | 1607943 | 5.33%  | 0.154% |
| 130 | 9.648  | 9.632  | 9.656  | VV | 109244 | 1506756 | 4.99%  | 0.144% |
| 131 | 9.674  | 9.656  | 9.694  | VV | 115123 | 2450318 | 8.12%  | 0.235% |
| 132 | 9.709  | 9.694  | 9.726  | VV | 120054 | 2143793 | 7.11%  | 0.205% |
| 133 | 9.799  | 9.726  | 9.819  | VV | 118670 | 6323900 | 20.96% | 0.606% |
| 134 | 9.839  | 9.819  | 9.851  | VV | 122296 | 2264974 | 7.51%  | 0.217% |
| 135 | 9.860  | 9.851  | 9.881  | VV | 122513 | 2170078 | 7.19%  | 0.208% |
| 136 | 9.903  | 9.881  | 9.922  | VV | 126976 | 3103369 | 10.29% | 0.297% |
| 137 | 9.948  | 9.922  | 9.959  | VV | 135289 | 2853410 | 9.46%  | 0.273% |
| 138 | 10.040 | 9.959  | 10.072 | VV | 166288 | 9926862 | 32.90% | 0.951% |
| 139 | 10.092 | 10.072 | 10.113 | VV | 163237 | 3806826 | 12.62% | 0.365% |
| 140 | 10.128 | 10.113 | 10.146 | VV | 160978 | 3137548 | 10.40% | 0.301% |
| 141 | 10.160 | 10.146 | 10.179 | VV | 166365 | 3236257 | 10.73% | 0.310% |

| rteres |        |        |        |    |        |          |         |        |
|--------|--------|--------|--------|----|--------|----------|---------|--------|
| 142    | 10.209 | 10.179 | 10.219 | VV | 171083 | 3941942  | 13.07%  | 0.378% |
| 143    | 10.249 | 10.219 | 10.259 | VV | 176386 | 4149628  | 13.75%  | 0.398% |
| 144    | 10.287 | 10.259 | 10.304 | VV | 189815 | 4923078  | 16.32%  | 0.472% |
| 145    | 10.342 | 10.304 | 10.351 | VV | 198806 | 5462746  | 18.11%  | 0.523% |
| 146    | 10.381 | 10.351 | 10.391 | VV | 208737 | 4789295  | 15.87%  | 0.459% |
| 147    | 10.431 | 10.391 | 10.459 | VV | 229543 | 8597529  | 28.50%  | 0.824% |
| 148    | 10.481 | 10.459 | 10.504 | VV | 218768 | 5722874  | 18.97%  | 0.548% |
| 149    | 10.525 | 10.504 | 10.536 | VV | 228344 | 4208979  | 13.95%  | 0.403% |
| 150    | 10.565 | 10.536 | 10.586 | VV | 229196 | 6725168  | 22.29%  | 0.644% |
| 151    | 10.702 | 10.586 | 10.724 | VV | 268728 | 20467983 | 67.84%  | 1.961% |
| 152    | 10.743 | 10.724 | 10.764 | VV | 273167 | 6290643  | 20.85%  | 0.603% |
| 153    | 10.776 | 10.764 | 10.786 | VV | 262863 | 3387961  | 11.23%  | 0.325% |
| 154    | 10.806 | 10.786 | 10.818 | VV | 271993 | 5142191  | 17.04%  | 0.493% |
| 155    | 10.839 | 10.818 | 10.852 | VV | 285378 | 5557843  | 18.42%  | 0.532% |
| 156    | 10.875 | 10.852 | 10.894 | VV | 312196 | 7431029  | 24.63%  | 0.712% |
| 157    | 10.910 | 10.894 | 10.938 | VV | 304140 | 7783140  | 25.80%  | 0.746% |
| 158    | 10.964 | 10.938 | 10.984 | VV | 308528 | 8070135  | 26.75%  | 0.773% |
| 159    | 11.017 | 10.984 | 11.032 | VV | 313954 | 8869583  | 29.40%  | 0.850% |
| 160    | 11.060 | 11.032 | 11.080 | VV | 329605 | 9049642  | 30.00%  | 0.867% |
| 161    | 11.121 | 11.080 | 11.140 | VV | 342844 | 11688923 | 38.74%  | 1.120% |
| 162    | 11.150 | 11.140 | 11.157 | VV | 337673 | 3391036  | 11.24%  | 0.325% |
| 163    | 11.187 | 11.157 | 11.201 | VV | 350994 | 8867346  | 29.39%  | 0.849% |
| 164    | 11.223 | 11.201 | 11.233 | VV | 352254 | 6710047  | 22.24%  | 0.643% |
| 165    | 11.242 | 11.233 | 11.259 | VV | 342043 | 5187129  | 17.19%  | 0.497% |
| 166    | 11.279 | 11.259 | 11.291 | VV | 364117 | 6755593  | 22.39%  | 0.647% |
| 167    | 11.302 | 11.291 | 11.311 | VV | 356334 | 4337666  | 14.38%  | 0.416% |
| 168    | 11.322 | 11.311 | 11.348 | VV | 361236 | 7683521  | 25.47%  | 0.736% |
| 169    | 11.369 | 11.348 | 11.399 | VV | 361147 | 10807149 | 35.82%  | 1.035% |
| 170    | 11.425 | 11.399 | 11.447 | VV | 397965 | 10828583 | 35.89%  | 1.037% |
| 171    | 11.461 | 11.447 | 11.477 | VV | 365164 | 6244831  | 20.70%  | 0.598% |
| 172    | 11.486 | 11.477 | 11.502 | VV | 361079 | 5531730  | 18.34%  | 0.530% |
| 173    | 11.508 | 11.502 | 11.527 | VV | 365234 | 5407616  | 17.92%  | 0.518% |
| 174    | 11.533 | 11.527 | 11.541 | VV | 363053 | 2885790  | 9.57%   | 0.276% |
| 175    | 11.582 | 11.541 | 11.592 | VV | 378777 | 11431153 | 37.89%  | 1.095% |
| 176    | 11.663 | 11.592 | 11.690 | VV | 810475 | 27386274 | 90.77%  | 2.624% |
| 177    | 11.716 | 11.690 | 11.736 | VV | 419633 | 10816614 | 35.85%  | 1.036% |
| 178    | 11.759 | 11.736 | 11.781 | VV | 404438 | 10627140 | 35.22%  | 1.018% |
| 179    | 11.807 | 11.781 | 11.825 | VV | 416556 | 10736623 | 35.59%  | 1.029% |
| 180    | 11.856 | 11.825 | 11.874 | VV | 432659 | 12256447 | 40.62%  | 1.174% |
| 181    | 11.885 | 11.874 | 11.939 | VV | 421646 | 15595464 | 51.69%  | 1.494% |
| 182    | 11.971 | 11.939 | 12.063 | VV | 433709 | 30170063 | 100.00% | 2.890% |
| 183    | 12.086 | 12.063 | 12.100 | VV | 407280 | 8955480  | 29.68%  | 0.858% |
| 184    | 12.122 | 12.100 | 12.134 | VV | 411902 | 8143893  | 26.99%  | 0.780% |
| 185    | 12.143 | 12.134 | 12.161 | VV | 414622 | 6609041  | 21.91%  | 0.633% |
| 186    | 12.175 | 12.161 | 12.196 | VV | 405479 | 8402962  | 27.85%  | 0.805% |
| 187    | 12.273 | 12.196 | 12.314 | VV | 462898 | 29267456 | 97.01%  | 2.804% |
| 188    | 12.325 | 12.314 | 12.366 | VV | 433294 | 12631653 | 41.87%  | 1.210% |
| 189    | 12.390 | 12.366 | 12.404 | VV | 415972 | 9216440  | 30.55%  | 0.883% |
| 190    | 12.422 | 12.404 | 12.434 | VV | 412533 | 7387316  | 24.49%  | 0.708% |
| 191    | 12.442 | 12.434 | 12.467 | VV | 405141 | 7794258  | 25.83%  | 0.747% |
| 192    | 12.516 | 12.467 | 12.547 | VV | 394768 | 18471814 | 61.23%  | 1.770% |
| 193    | 12.567 | 12.547 | 12.589 | VV | 390588 | 9474173  | 31.40%  | 0.908% |
| 194    | 12.609 | 12.589 | 12.656 | VV | 387450 | 15035763 | 49.84%  | 1.440% |

| rteres |        |        |        |    |        |          |        |        |
|--------|--------|--------|--------|----|--------|----------|--------|--------|
| 195    | 12.715 | 12.656 | 12.736 | VV | 383147 | 17867981 | 59.22% | 1.712% |
| 196    | 12.745 | 12.736 | 12.757 | VV | 377303 | 4690541  | 15.55% | 0.449% |
| 197    | 12.770 | 12.757 | 12.861 | VV | 382606 | 22765111 | 75.46% | 2.181% |
| 198    | 12.877 | 12.861 | 12.904 | VV | 351689 | 8824430  | 29.25% | 0.845% |
| 199    | 12.921 | 12.904 | 12.946 | VV | 354816 | 8659589  | 28.70% | 0.830% |
| 200    | 12.954 | 12.946 | 12.971 | VV | 341174 | 5077250  | 16.83% | 0.486% |
| 201    | 12.979 | 12.971 | 13.016 | VV | 344278 | 9101168  | 30.17% | 0.872% |
| 202    | 13.061 | 13.016 | 13.070 | VV | 355640 | 11204469 | 37.14% | 1.073% |
| 203    | 13.098 | 13.070 | 13.130 | VV | 628126 | 15423719 | 51.12% | 1.478% |
| 204    | 13.147 | 13.130 | 13.185 | VV | 337743 | 10889641 | 36.09% | 1.043% |
| 205    | 13.205 | 13.185 | 13.252 | VV | 333414 | 12917395 | 42.82% | 1.237% |
| 206    | 13.281 | 13.252 | 13.288 | VV | 320730 | 6770085  | 22.44% | 0.649% |
| 207    | 13.312 | 13.288 | 13.337 | VV | 333626 | 9465802  | 31.37% | 0.907% |
| 208    | 13.361 | 13.337 | 13.401 | VV | 320452 | 11795750 | 39.10% | 1.130% |
| 209    | 13.428 | 13.401 | 13.464 | VV | 309336 | 11467518 | 38.01% | 1.099% |
| 210    | 13.491 | 13.464 | 13.522 | VV | 307854 | 10443807 | 34.62% | 1.000% |
| 211    | 13.557 | 13.522 | 13.569 | VV | 296345 | 8106538  | 26.87% | 0.777% |
| 212    | 13.579 | 13.569 | 13.626 | VV | 296637 | 9684856  | 32.10% | 0.928% |
| 213    | 13.643 | 13.626 | 13.677 | VV | 278726 | 8422902  | 27.92% | 0.807% |
| 214    | 13.688 | 13.677 | 13.730 | VV | 281256 | 8597763  | 28.50% | 0.824% |
| 215    | 13.749 | 13.730 | 13.796 | VV | 271141 | 10321346 | 34.21% | 0.989% |
| 216    | 13.808 | 13.796 | 13.822 | VV | 258797 | 4104152  | 13.60% | 0.393% |
| 217    | 13.833 | 13.822 | 13.850 | VV | 257999 | 4213056  | 13.96% | 0.404% |
| 218    | 13.861 | 13.850 | 13.895 | VV | 258795 | 6841316  | 22.68% | 0.655% |
| 219    | 13.905 | 13.895 | 13.969 | VV | 253071 | 10725405 | 35.55% | 1.027% |
| 220    | 13.993 | 13.969 | 14.022 | VV | 244244 | 7612887  | 25.23% | 0.729% |
| 221    | 14.027 | 14.022 | 14.047 | VV | 234315 | 3451934  | 11.44% | 0.331% |
| 222    | 14.076 | 14.047 | 14.109 | VV | 240984 | 8493842  | 28.15% | 0.814% |
| 223    | 14.124 | 14.109 | 14.208 | VV | 225276 | 12943550 | 42.90% | 1.240% |
| 224    | 14.238 | 14.208 | 14.262 | VV | 237923 | 7200483  | 23.87% | 0.690% |
| 225    | 14.286 | 14.262 | 14.306 | VV | 207936 | 5308939  | 17.60% | 0.509% |
| 226    | 14.313 | 14.306 | 14.354 | VV | 201540 | 5730948  | 19.00% | 0.549% |
| 227    | 14.365 | 14.354 | 14.437 | VV | 204721 | 9458461  | 31.35% | 0.906% |
| 228    | 14.464 | 14.437 | 14.616 | VV | 188150 | 18845494 | 62.46% | 1.805% |
| 229    | 14.628 | 14.616 | 14.652 | VV | 165745 | 3523151  | 11.68% | 0.338% |
| 230    | 14.671 | 14.652 | 14.729 | VV | 165516 | 7170765  | 23.77% | 0.687% |
| 231    | 14.743 | 14.729 | 14.760 | VV | 150820 | 2770414  | 9.18%  | 0.265% |
| 232    | 14.779 | 14.760 | 14.824 | VV | 151219 | 5537614  | 18.35% | 0.530% |
| 233    | 14.841 | 14.824 | 14.880 | VV | 142114 | 4594551  | 15.23% | 0.440% |
| 234    | 14.891 | 14.880 | 14.918 | VV | 135993 | 3053002  | 10.12% | 0.292% |
| 235    | 14.941 | 14.918 | 14.974 | VV | 132199 | 4288990  | 14.22% | 0.411% |
| 236    | 14.980 | 14.974 | 15.054 | VV | 129336 | 5770055  | 19.13% | 0.553% |
| 237    | 15.061 | 15.054 | 15.072 | VV | 116722 | 1262988  | 4.19%  | 0.121% |
| 238    | 15.080 | 15.072 | 15.131 | VV | 117040 | 3866523  | 12.82% | 0.370% |
| 239    | 15.149 | 15.131 | 15.297 | VV | 107576 | 9968146  | 33.04% | 0.955% |
| 240    | 15.325 | 15.297 | 15.439 | VV | 114167 | 7781752  | 25.79% | 0.745% |
| 241    | 15.458 | 15.439 | 15.504 | VV | 85432  | 3145564  | 10.43% | 0.301% |
| 242    | 15.510 | 15.504 | 15.520 | VV | 77677  | 747188   | 2.48%  | 0.072% |
| 243    | 15.541 | 15.520 | 15.586 | VV | 79260  | 2918445  | 9.67%  | 0.280% |
| 244    | 15.599 | 15.586 | 15.671 | VV | 71717  | 3425656  | 11.35% | 0.328% |
| 245    | 15.679 | 15.671 | 15.741 | VV | 65725  | 2628963  | 8.71%  | 0.252% |
| 246    | 15.758 | 15.741 | 15.945 | VV | 63050  | 6707252  | 22.23% | 0.643% |

| rteres |        |        |        |    |       |         |       |        |
|--------|--------|--------|--------|----|-------|---------|-------|--------|
| 247    | 15.959 | 15.945 | 16.006 | VV | 48668 | 1706325 | 5.66% | 0.163% |
| 248    | 16.016 | 16.006 | 16.092 | VV | 46071 | 2234660 | 7.41% | 0.214% |
| 249    | 16.099 | 16.092 | 16.138 | VV | 41054 | 1084991 | 3.60% | 0.104% |
| 250    | 16.172 | 16.138 | 16.242 | VV | 42007 | 2407947 | 7.98% | 0.231% |
|        |        |        |        |    |       |         |       |        |
| 251    | 16.284 | 16.242 | 16.317 | VV | 52529 | 1821381 | 6.04% | 0.174% |
| 252    | 16.336 | 16.317 | 16.372 | VV | 41903 | 1225375 | 4.06% | 0.117% |
| 253    | 16.387 | 16.372 | 16.398 | VV | 33159 | 489093  | 1.62% | 0.047% |
| 254    | 16.415 | 16.398 | 16.431 | VV | 33214 | 641410  | 2.13% | 0.061% |
| 255    | 16.450 | 16.431 | 16.478 | VV | 41869 | 1029710 | 3.41% | 0.099% |
|        |        |        |        |    |       |         |       |        |
| 256    | 16.524 | 16.478 | 16.542 | VV | 42123 | 1326031 | 4.40% | 0.127% |
| 257    | 16.560 | 16.542 | 16.573 | VV | 34390 | 607252  | 2.01% | 0.058% |
| 258    | 16.587 | 16.573 | 16.634 | VV | 35384 | 1132638 | 3.75% | 0.109% |
| 259    | 16.645 | 16.634 | 16.654 | VV | 27551 | 321225  | 1.06% | 0.031% |
| 260    | 16.697 | 16.654 | 16.716 | VV | 34178 | 1129268 | 3.74% | 0.108% |
|        |        |        |        |    |       |         |       |        |
| 261    | 16.730 | 16.716 | 16.761 | VV | 30742 | 719517  | 2.38% | 0.069% |
| 262    | 16.775 | 16.761 | 16.786 | VV | 24260 | 351712  | 1.17% | 0.034% |
| 263    | 16.809 | 16.786 | 16.826 | VV | 34890 | 735416  | 2.44% | 0.070% |
| 264    | 16.836 | 16.826 | 16.863 | VV | 31397 | 586281  | 1.94% | 0.056% |
| 265    | 16.873 | 16.863 | 16.892 | VV | 20871 | 350041  | 1.16% | 0.034% |
|        |        |        |        |    |       |         |       |        |
| 266    | 16.921 | 16.892 | 16.939 | VV | 31759 | 699677  | 2.32% | 0.067% |
| 267    | 16.957 | 16.939 | 17.011 | VV | 26135 | 891344  | 2.95% | 0.085% |
| 268    | 17.039 | 17.011 | 17.071 | VV | 23306 | 639596  | 2.12% | 0.061% |
| 269    | 17.082 | 17.071 | 17.134 | VV | 15697 | 511625  | 1.70% | 0.049% |
| 270    | 17.161 | 17.134 | 17.234 | VV | 17859 | 749042  | 2.48% | 0.072% |
|        |        |        |        |    |       |         |       |        |
| 271    | 17.276 | 17.234 | 17.321 | VV | 18729 | 667712  | 2.21% | 0.064% |
| 272    | 17.355 | 17.321 | 17.391 | VV | 13904 | 447764  | 1.48% | 0.043% |
| 273    | 17.400 | 17.391 | 17.416 | VV | 8128  | 121547  | 0.40% | 0.012% |
| 274    | 17.441 | 17.416 | 17.472 | VV | 9675  | 282262  | 0.94% | 0.027% |
| 275    | 17.486 | 17.472 | 17.517 | VV | 7744  | 194398  | 0.64% | 0.019% |
|        |        |        |        |    |       |         |       |        |
| 276    | 17.533 | 17.517 | 17.559 | VV | 7271  | 162231  | 0.54% | 0.016% |
| 277    | 17.577 | 17.559 | 17.614 | VV | 6587  | 192647  | 0.64% | 0.018% |
| 278    | 17.637 | 17.614 | 17.656 | VV | 5474  | 128747  | 0.43% | 0.012% |
| 279    | 17.665 | 17.656 | 17.692 | VV | 5240  | 108403  | 0.36% | 0.010% |
| 280    | 17.792 | 17.692 | 17.834 | VV | 7126  | 431520  | 1.43% | 0.041% |
|        |        |        |        |    |       |         |       |        |
| 281    | 17.883 | 17.834 | 17.911 | VV | 8571  | 236985  | 0.79% | 0.023% |
| 282    | 17.926 | 17.911 | 17.937 | VV | 4349  | 66246   | 0.22% | 0.006% |
| 283    | 17.952 | 17.937 | 17.966 | VV | 4782  | 75176   | 0.25% | 0.007% |
| 284    | 17.978 | 17.966 | 18.005 | VV | 4802  | 96906   | 0.32% | 0.009% |
| 285    | 18.030 | 18.005 | 18.087 | VV | 4782  | 160321  | 0.53% | 0.015% |
|        |        |        |        |    |       |         |       |        |
| 286    | 18.126 | 18.087 | 18.136 | VV | 7762  | 143180  | 0.47% | 0.014% |
| 287    | 18.156 | 18.136 | 18.179 | VV | 11640 | 226824  | 0.75% | 0.022% |
| 288    | 18.213 | 18.179 | 18.267 | VV | 12715 | 334651  | 1.11% | 0.032% |
| 289    | 18.316 | 18.267 | 18.423 | VV | 3952  | 171307  | 0.57% | 0.016% |
| 290    | 18.460 | 18.423 | 18.491 | PV | 3877  | 67495   | 0.22% | 0.006% |
|        |        |        |        |    |       |         |       |        |
| 291    | 18.512 | 18.491 | 18.555 | VV | 1651  | 35463   | 0.12% | 0.003% |
| 292    | 18.624 | 18.555 | 18.684 | VV | 14594 | 278972  | 0.92% | 0.027% |
| 293    | 18.724 | 18.684 | 18.744 | PV | 5001  | 79760   | 0.26% | 0.008% |
| 294    | 18.752 | 18.744 | 18.781 | VV | 2874  | 39132   | 0.13% | 0.004% |
| 295    | 18.792 | 18.781 | 18.817 | VV | 1134  | 16095   | 0.05% | 0.002% |
|        |        |        |        |    |       |         |       |        |
| 296    | 18.836 | 18.817 | 18.862 | PV | 396   | 6745    | 0.02% | 0.001% |
| 297    | 18.913 | 18.862 | 18.934 | VV | 2361  | 48605   | 0.16% | 0.005% |
| 298    | 18.990 | 18.934 | 19.066 | VV | 23962 | 693976  | 2.30% | 0.066% |
| 299    | 19.093 | 19.066 | 19.101 | VV | 3859  | 68809   | 0.23% | 0.007% |

|     |        |        |        |    | rteres |        |       |        |
|-----|--------|--------|--------|----|--------|--------|-------|--------|
| 300 | 19.117 | 19.101 | 19.145 | VV | 4225   | 88480  | 0.29% | 0.008% |
| 301 | 19.189 | 19.145 | 19.227 | VV | 6641   | 185394 | 0.61% | 0.018% |
| 302 | 19.265 | 19.227 | 19.279 | VV | 3832   | 84615  | 0.28% | 0.008% |
| 303 | 19.292 | 19.279 | 19.308 | VV | 4214   | 63506  | 0.21% | 0.006% |
| 304 | 19.324 | 19.308 | 19.368 | VV | 4287   | 95828  | 0.32% | 0.009% |
| 305 | 19.438 | 19.368 | 19.461 | VV | 26097  | 533632 | 1.77% | 0.051% |
| 306 | 19.479 | 19.461 | 19.500 | VV | 15529  | 243765 | 0.81% | 0.023% |
| 307 | 19.515 | 19.500 | 19.549 | VV | 6783   | 140258 | 0.46% | 0.013% |
| 308 | 19.600 | 19.549 | 19.649 | VV | 7612   | 313288 | 1.04% | 0.030% |
| 309 | 19.703 | 19.649 | 19.727 | VV | 8240   | 293485 | 0.97% | 0.028% |
| 310 | 19.773 | 19.727 | 19.798 | VV | 12365  | 381474 | 1.26% | 0.037% |
| 311 | 19.817 | 19.798 | 19.841 | VV | 10658  | 233166 | 0.77% | 0.022% |
| 312 | 19.850 | 19.841 | 19.877 | VV | 8520   | 169621 | 0.56% | 0.016% |
| 313 | 19.934 | 19.877 | 19.957 | VV | 11545  | 419766 | 1.39% | 0.040% |
| 314 | 19.971 | 19.957 | 20.006 | VV | 9694   | 261093 | 0.87% | 0.025% |
| 315 | 20.029 | 20.006 | 20.052 | VV | 9250   | 242762 | 0.80% | 0.023% |
| 316 | 20.060 | 20.052 | 20.068 | VV | 8265   | 77504  | 0.26% | 0.007% |
| 317 | 20.093 | 20.068 | 20.121 | VV | 9875   | 278940 | 0.92% | 0.027% |
| 318 | 20.175 | 20.121 | 20.209 | VV | 11367  | 506861 | 1.68% | 0.049% |
| 319 | 20.244 | 20.209 | 20.268 | VV | 15763  | 427688 | 1.42% | 0.041% |
| 320 | 20.288 | 20.268 | 20.307 | VV | 14269  | 304973 | 1.01% | 0.029% |
| 321 | 20.318 | 20.307 | 20.349 | VV | 11754  | 285094 | 0.94% | 0.027% |
| 322 | 20.389 | 20.349 | 20.423 | VV | 12780  | 531374 | 1.76% | 0.051% |
| 323 | 20.457 | 20.423 | 20.492 | VV | 35399  | 822338 | 2.73% | 0.079% |
| 324 | 20.502 | 20.492 | 20.526 | VV | 13544  | 260094 | 0.86% | 0.025% |
| 325 | 20.567 | 20.526 | 20.596 | VV | 15462  | 562960 | 1.87% | 0.054% |
| 326 | 20.605 | 20.596 | 20.636 | VV | 13112  | 301955 | 1.00% | 0.029% |
| 327 | 20.653 | 20.636 | 20.667 | VV | 12152  | 223415 | 0.74% | 0.021% |
| 328 | 20.703 | 20.667 | 20.737 | VV | 13752  | 517575 | 1.72% | 0.050% |
| 329 | 20.765 | 20.737 | 20.792 | VV | 11584  | 363969 | 1.21% | 0.035% |
| 330 | 20.816 | 20.792 | 20.859 | VV | 12222  | 429489 | 1.42% | 0.041% |
| 331 | 20.898 | 20.859 | 20.986 | VV | 13438  | 783836 | 2.60% | 0.075% |
| 332 | 21.015 | 20.986 | 21.126 | VV | 10691  | 611062 | 2.03% | 0.059% |
| 333 | 21.130 | 21.126 | 21.151 | VV | 5501   | 79630  | 0.26% | 0.008% |
| 334 | 21.170 | 21.151 | 21.192 | VV | 5293   | 127680 | 0.42% | 0.012% |
| 335 | 21.233 | 21.192 | 21.299 | VV | 5316   | 295431 | 0.98% | 0.028% |
| 336 | 21.341 | 21.299 | 21.356 | VV | 4698   | 144609 | 0.48% | 0.014% |
| 337 | 21.413 | 21.356 | 21.566 | VV | 4730   | 493129 | 1.63% | 0.047% |
| 338 | 21.575 | 21.566 | 21.604 | VV | 2740   | 58503  | 0.19% | 0.006% |
| 339 | 21.668 | 21.604 | 21.690 | VV | 2388   | 118360 | 0.39% | 0.011% |
| 340 | 21.720 | 21.690 | 21.776 | VV | 2227   | 90593  | 0.30% | 0.009% |
| 341 | 21.834 | 21.776 | 21.889 | VV | 2879   | 108856 | 0.36% | 0.010% |
| 342 | 21.944 | 21.889 | 21.999 | VV | 2163   | 76751  | 0.25% | 0.007% |

Sum of corrected areas: 1043881422

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