

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC012721AL\  
 Data File : FC051791.D  
 Signal(s) : FID1A.CH  
 Acq On : 27 Jan 2021 15:52  
 Sample : M1237-01  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Alaphatic EPH 011921.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       | 3.355        | 3.400      | BV       | 49             | 115          | 0.00%          | 0.000%        |
| 2         | 3.410       | 3.400        | 3.414      | PV       | 66             | 350          | 0.01%          | 0.000%        |
| 3         | 3.441       | 3.414        | 3.518      | VV       | 427            | 7580         | 0.13%          | 0.007%        |
| 4         | 3.556       | 3.518        | 3.629      | VV       | 143            | 5003         | 0.09%          | 0.005%        |
| 5         | 3.640       | 3.629        | 3.666      | VV       | 81             | 927          | 0.02%          | 0.001%        |
| 6         | 3.689       | 3.666        | 3.697      | VV       | 102            | 1239         | 0.02%          | 0.001%        |
| 7         | 3.712       | 3.697        | 3.742      | VV       | 181            | 2783         | 0.05%          | 0.003%        |
| 8         | 3.768       | 3.742        | 3.801      | PV       | 113            | 2556         | 0.05%          | 0.002%        |
| 9         | 3.817       | 3.801        | 3.870      | VV       | 248            | 5531         | 0.10%          | 0.005%        |
| 10        | 3.890       | 3.870        | 3.906      | VV       | 144            | 1700         | 0.03%          | 0.002%        |
| 11        | 3.940       | 3.906        | 3.973      | VV       | 298            | 4451         | 0.08%          | 0.004%        |
| 12        | 3.988       | 3.973        | 4.011      | VV       | 142            | 1537         | 0.03%          | 0.001%        |
| 13        | 4.023       | 4.011        | 4.077      | VV       | 327            | 6067         | 0.11%          | 0.006%        |
| 14        | 4.093       | 4.077        | 4.108      | VV       | 1342           | 10906        | 0.19%          | 0.011%        |
| 15        | 4.122       | 4.108        | 4.175      | VV       | 441            | 9526         | 0.17%          | 0.009%        |
| 16        | 4.208       | 4.175        | 4.238      | VV       | 173            | 4479         | 0.08%          | 0.004%        |
| 17        | 4.258       | 4.238        | 4.267      | VV       | 518            | 5407         | 0.10%          | 0.005%        |
| 18        | 4.282       | 4.267        | 4.343      | VV       | 901            | 17073        | 0.30%          | 0.017%        |
| 19        | 4.358       | 4.343        | 4.368      | VV       | 153            | 1712         | 0.03%          | 0.002%        |
| 20        | 4.380       | 4.368        | 4.407      | VV       | 131            | 1873         | 0.03%          | 0.002%        |
| 21        | 4.435       | 4.407        | 4.450      | PV       | 137            | 2481         | 0.04%          | 0.002%        |
| 22        | 4.472       | 4.450        | 4.493      | VV       | 165            | 2618         | 0.05%          | 0.003%        |
| 23        | 4.514       | 4.493        | 4.544      | VV       | 765            | 8090         | 0.14%          | 0.008%        |
| 24        | 4.560       | 4.544        | 4.575      | PV       | 414            | 3973         | 0.07%          | 0.004%        |
| 25        | 4.586       | 4.575        | 4.606      | VV       | 189            | 2263         | 0.04%          | 0.002%        |
| 26        | 4.621       | 4.606        | 4.647      | VV       | 163            | 2528         | 0.04%          | 0.002%        |
| 27        | 4.667       | 4.647        | 4.708      | VV       | 549            | 6534         | 0.12%          | 0.006%        |
| 28        | 4.732       | 4.708        | 4.758      | VV       | 2063           | 23298        | 0.41%          | 0.023%        |
| 29        | 4.768       | 4.758        | 4.785      | VV       | 514            | 5062         | 0.09%          | 0.005%        |
| 30        | 4.802       | 4.785        | 4.828      | VV       | 421            | 5679         | 0.10%          | 0.006%        |
| 31        | 4.846       | 4.828        | 4.881      | VV       | 423            | 7715         | 0.14%          | 0.007%        |
| 32        | 4.897       | 4.881        | 4.913      | VV       | 601            | 6755         | 0.12%          | 0.007%        |
| 33        | 4.932       | 4.913        | 4.953      | VV       | 525            | 7938         | 0.14%          | 0.008%        |
| 34        | 4.970       | 4.953        | 4.982      | VV       | 548            | 6773         | 0.12%          | 0.007%        |
| 35        | 4.994       | 4.982        | 5.013      | VV       | 458            | 5063         | 0.09%          | 0.005%        |
| 36        | 5.047       | 5.013        | 5.058      | PV       | 402            | 4359         | 0.08%          | 0.004%        |

|    |       |       |       |    | rteres |        |       |        |
|----|-------|-------|-------|----|--------|--------|-------|--------|
| 37 | 5.064 | 5.058 | 5.091 | VV | 209    | 2923   | 0.05% | 0.003% |
| 38 | 5.123 | 5.091 | 5.138 | VV | 397    | 6029   | 0.11% | 0.006% |
| 39 | 5.157 | 5.138 | 5.184 | VV | 794    | 13600  | 0.24% | 0.013% |
| 40 | 5.211 | 5.184 | 5.222 | VV | 598    | 10176  | 0.18% | 0.010% |
| 41 | 5.236 | 5.222 | 5.247 | VV | 874    | 8202   | 0.15% | 0.008% |
| 42 | 5.257 | 5.247 | 5.276 | VV | 685    | 6909   | 0.12% | 0.007% |
| 43 | 5.287 | 5.276 | 5.303 | VV | 236    | 2305   | 0.04% | 0.002% |
| 44 | 5.324 | 5.303 | 5.345 | PV | 356    | 4852   | 0.09% | 0.005% |
| 45 | 5.359 | 5.345 | 5.392 | VV | 604    | 10963  | 0.19% | 0.011% |
| 46 | 5.429 | 5.392 | 5.439 | VV | 725    | 11625  | 0.21% | 0.011% |
| 47 | 5.446 | 5.439 | 5.465 | VV | 594    | 6358   | 0.11% | 0.006% |
| 48 | 5.476 | 5.465 | 5.491 | VV | 252    | 3145   | 0.06% | 0.003% |
| 49 | 5.505 | 5.491 | 5.530 | VV | 419    | 5156   | 0.09% | 0.005% |
| 50 | 5.553 | 5.530 | 5.572 | PV | 4570   | 46985  | 0.83% | 0.046% |
| 51 | 5.588 | 5.572 | 5.615 | VV | 2185   | 26328  | 0.47% | 0.026% |
| 52 | 5.624 | 5.615 | 5.659 | VV | 471    | 5701   | 0.10% | 0.006% |
| 53 | 5.688 | 5.659 | 5.704 | VV | 220    | 3837   | 0.07% | 0.004% |
| 54 | 5.745 | 5.704 | 5.763 | VV | 2436   | 27296  | 0.48% | 0.026% |
| 55 | 5.770 | 5.763 | 5.788 | VV | 502    | 5397   | 0.10% | 0.005% |
| 56 | 5.841 | 5.788 | 5.877 | VV | 2687   | 66242  | 1.18% | 0.064% |
| 57 | 5.895 | 5.877 | 5.915 | VV | 1254   | 17244  | 0.31% | 0.017% |
| 58 | 5.932 | 5.915 | 5.949 | VV | 2021   | 25071  | 0.45% | 0.024% |
| 59 | 5.967 | 5.949 | 5.995 | VV | 1018   | 16778  | 0.30% | 0.016% |
| 60 | 6.009 | 5.995 | 6.031 | VV | 1121   | 11977  | 0.21% | 0.012% |
| 61 | 6.058 | 6.031 | 6.080 | PV | 1259   | 20386  | 0.36% | 0.020% |
| 62 | 6.108 | 6.080 | 6.131 | VV | 30417  | 283853 | 5.04% | 0.275% |
| 63 | 6.153 | 6.131 | 6.174 | VV | 2224   | 30311  | 0.54% | 0.029% |
| 64 | 6.194 | 6.174 | 6.220 | VV | 2010   | 23651  | 0.42% | 0.023% |
| 65 | 6.251 | 6.220 | 6.269 | VV | 2204   | 36203  | 0.64% | 0.035% |
| 66 | 6.286 | 6.269 | 6.310 | VV | 1125   | 19816  | 0.35% | 0.019% |
| 67 | 6.325 | 6.310 | 6.351 | VV | 1388   | 20904  | 0.37% | 0.020% |
| 68 | 6.376 | 6.351 | 6.401 | VV | 1576   | 26668  | 0.47% | 0.026% |
| 69 | 6.418 | 6.401 | 6.437 | VV | 828    | 10935  | 0.19% | 0.011% |
| 70 | 6.477 | 6.437 | 6.505 | VV | 1981   | 37821  | 0.67% | 0.037% |
| 71 | 6.534 | 6.505 | 6.587 | VV | 10691  | 123856 | 2.20% | 0.120% |
| 72 | 6.601 | 6.587 | 6.615 | VV | 367    | 4421   | 0.08% | 0.004% |
| 73 | 6.626 | 6.615 | 6.637 | VV | 532    | 5370   | 0.10% | 0.005% |
| 74 | 6.653 | 6.637 | 6.663 | VV | 1153   | 12909  | 0.23% | 0.013% |
| 75 | 6.684 | 6.663 | 6.704 | VV | 3943   | 44867  | 0.80% | 0.043% |
| 76 | 6.735 | 6.704 | 6.775 | VV | 1816   | 35160  | 0.62% | 0.034% |
| 77 | 6.817 | 6.775 | 6.838 | VV | 2755   | 37752  | 0.67% | 0.037% |
| 78 | 6.876 | 6.838 | 6.907 | PV | 1981   | 47979  | 0.85% | 0.046% |
| 79 | 6.942 | 6.907 | 6.965 | VV | 6610   | 77656  | 1.38% | 0.075% |
| 80 | 6.978 | 6.965 | 6.988 | VV | 800    | 7685   | 0.14% | 0.007% |
| 81 | 7.010 | 6.988 | 7.022 | VV | 1108   | 16683  | 0.30% | 0.016% |
| 82 | 7.054 | 7.022 | 7.080 | VV | 2080   | 53774  | 0.95% | 0.052% |
| 83 | 7.098 | 7.080 | 7.120 | VV | 3203   | 44593  | 0.79% | 0.043% |
| 84 | 7.165 | 7.120 | 7.222 | VV | 26408  | 330286 | 5.86% | 0.320% |
| 85 | 7.240 | 7.222 | 7.278 | VV | 3960   | 67337  | 1.20% | 0.065% |
| 86 | 7.300 | 7.278 | 7.325 | VV | 22566  | 223739 | 3.97% | 0.217% |
| 87 | 7.343 | 7.325 | 7.361 | VV | 1494   | 19691  | 0.35% | 0.019% |
| 88 | 7.385 | 7.361 | 7.407 | VV | 825    | 17412  | 0.31% | 0.017% |
| 89 | 7.459 | 7.407 | 7.491 | VV | 17094  | 237719 | 4.22% | 0.230% |

|     |        |        |        |    |        |        |        |        |
|-----|--------|--------|--------|----|--------|--------|--------|--------|
|     |        |        |        |    | rteres |        |        |        |
| 90  | 7.508  | 7.491  | 7.522  | VV | 1808   | 23786  | 0.42%  | 0.023% |
| 91  | 7.535  | 7.522  | 7.571  | VV | 1362   | 31010  | 0.55%  | 0.030% |
| 92  | 7.584  | 7.571  | 7.609  | VV | 703    | 12689  | 0.23%  | 0.012% |
| 93  | 7.636  | 7.609  | 7.678  | VV | 3799   | 71152  | 1.26%  | 0.069% |
| 94  | 7.692  | 7.678  | 7.710  | VV | 1379   | 14542  | 0.26%  | 0.014% |
| 95  | 7.826  | 7.815  | 7.840  | VV | 1343   | 15335  | 0.27%  | 0.015% |
| 96  | 7.853  | 7.840  | 7.866  | VV | 1213   | 14025  | 0.25%  | 0.014% |
| 97  | 7.889  | 7.866  | 7.926  | VV | 6169   | 99802  | 1.77%  | 0.097% |
| 98  | 7.938  | 7.926  | 7.958  | VV | 2138   | 26001  | 0.46%  | 0.025% |
| 99  | 7.981  | 7.958  | 8.004  | VV | 3241   | 38849  | 0.69%  | 0.038% |
| 100 | 8.047  | 8.004  | 8.059  | VV | 3988   | 83216  | 1.48%  | 0.081% |
| 101 | 8.074  | 8.059  | 8.109  | VV | 3656   | 83361  | 1.48%  | 0.081% |
| 102 | 8.154  | 8.109  | 8.198  | VV | 12763  | 243328 | 4.32%  | 0.236% |
| 103 | 8.215  | 8.198  | 8.227  | VV | 1217   | 15896  | 0.28%  | 0.015% |
| 104 | 8.263  | 8.227  | 8.278  | VV | 21029  | 244834 | 4.35%  | 0.237% |
| 105 | 8.290  | 8.278  | 8.306  | VV | 13463  | 136925 | 2.43%  | 0.133% |
| 106 | 8.329  | 8.306  | 8.360  | VV | 21050  | 258585 | 4.59%  | 0.250% |
| 107 | 8.377  | 8.360  | 8.396  | VV | 2995   | 42119  | 0.75%  | 0.041% |
| 108 | 8.448  | 8.396  | 8.484  | VV | 20371  | 362968 | 6.44%  | 0.352% |
| 109 | 8.501  | 8.484  | 8.514  | VV | 3057   | 36310  | 0.64%  | 0.035% |
| 110 | 8.538  | 8.514  | 8.597  | VV | 5373   | 111972 | 1.99%  | 0.108% |
| 111 | 8.692  | 8.675  | 8.718  | VV | 3819   | 60044  | 1.07%  | 0.058% |
| 112 | 8.744  | 8.718  | 8.766  | VV | 34515  | 363995 | 6.46%  | 0.353% |
| 113 | 8.785  | 8.766  | 8.809  | VV | 6494   | 101817 | 1.81%  | 0.099% |
| 114 | 8.818  | 8.809  | 8.833  | VV | 2484   | 28830  | 0.51%  | 0.028% |
| 115 | 8.865  | 8.833  | 8.892  | VV | 8651   | 139018 | 2.47%  | 0.135% |
| 116 | 8.918  | 8.892  | 8.959  | VV | 2427   | 62742  | 1.11%  | 0.061% |
| 117 | 8.981  | 8.959  | 8.995  | VV | 6601   | 84264  | 1.50%  | 0.082% |
| 118 | 9.015  | 8.995  | 9.039  | VV | 35481  | 359791 | 6.39%  | 0.349% |
| 119 | 9.053  | 9.039  | 9.075  | VV | 2147   | 30276  | 0.54%  | 0.029% |
| 120 | 9.103  | 9.075  | 9.121  | VV | 3597   | 63441  | 1.13%  | 0.061% |
| 121 | 9.151  | 9.121  | 9.173  | VV | 26461  | 303242 | 5.38%  | 0.294% |
| 122 | 9.192  | 9.173  | 9.224  | VV | 9327   | 120038 | 2.13%  | 0.116% |
| 123 | 9.243  | 9.224  | 9.271  | VV | 1931   | 37513  | 0.67%  | 0.036% |
| 124 | 9.308  | 9.271  | 9.324  | VV | 8178   | 101324 | 1.80%  | 0.098% |
| 125 | 9.339  | 9.324  | 9.372  | VV | 6650   | 76234  | 1.35%  | 0.074% |
| 126 | 9.391  | 9.372  | 9.407  | VV | 3703   | 42558  | 0.76%  | 0.041% |
| 127 | 9.444  | 9.407  | 9.465  | VV | 7465   | 117059 | 2.08%  | 0.113% |
| 128 | 9.484  | 9.465  | 9.500  | VV | 2973   | 38761  | 0.69%  | 0.038% |
| 129 | 9.527  | 9.500  | 9.581  | VV | 78324  | 866697 | 15.39% | 0.840% |
| 130 | 9.608  | 9.581  | 9.635  | VV | 7989   | 145758 | 2.59%  | 0.141% |
| 131 | 9.651  | 9.635  | 9.660  | VV | 5363   | 59826  | 1.06%  | 0.058% |
| 132 | 9.677  | 9.660  | 9.695  | VV | 8999   | 133947 | 2.38%  | 0.130% |
| 133 | 9.706  | 9.695  | 9.722  | VV | 6196   | 71466  | 1.27%  | 0.069% |
| 134 | 9.738  | 9.722  | 9.772  | VV | 5906   | 93094  | 1.65%  | 0.090% |
| 135 | 9.788  | 9.772  | 9.821  | VV | 2765   | 46343  | 0.82%  | 0.045% |
| 136 | 9.847  | 9.821  | 9.871  | VV | 14258  | 180462 | 3.20%  | 0.175% |
| 137 | 9.891  | 9.871  | 9.910  | VV | 3783   | 67375  | 1.20%  | 0.065% |
| 138 | 9.932  | 9.910  | 9.988  | VV | 20694  | 452300 | 8.03%  | 0.438% |
| 139 | 10.011 | 9.988  | 10.028 | VV | 4072   | 52704  | 0.94%  | 0.051% |
| 140 | 10.042 | 10.028 | 10.085 | VV | 1854   | 30283  | 0.54%  | 0.029% |
| 141 | 10.109 | 10.085 | 10.170 | VV | 2596   | 45832  | 0.81%  | 0.044% |

|     |        |        |        |    | rteres |         |        |        |
|-----|--------|--------|--------|----|--------|---------|--------|--------|
| 142 | 10.212 | 10.170 | 10.228 | PV | 1576   | 20669   | 0.37%  | 0.020% |
| 143 | 10.238 | 10.228 | 10.248 | VV | 520    | 5541    | 0.10%  | 0.005% |
| 144 | 10.271 | 10.248 | 10.302 | VV | 4354   | 84674   | 1.50%  | 0.082% |
| 145 | 10.321 | 10.302 | 10.349 | VV | 6877   | 102970  | 1.83%  | 0.100% |
| 146 | 10.378 | 10.349 | 10.387 | VV | 5006   | 70348   | 1.25%  | 0.068% |
| 147 | 10.408 | 10.387 | 10.430 | VV | 20397  | 256412  | 4.55%  | 0.248% |
| 148 | 10.449 | 10.430 | 10.487 | VV | 10530  | 145713  | 2.59%  | 0.141% |
| 149 | 10.526 | 10.487 | 10.561 | VV | 12142  | 191784  | 3.41%  | 0.186% |
| 150 | 10.581 | 10.561 | 10.635 | VV | 4222   | 109860  | 1.95%  | 0.106% |
| 151 | 10.669 | 10.635 | 10.685 | VV | 19172  | 233281  | 4.14%  | 0.226% |
| 152 | 10.696 | 10.685 | 10.709 | VV | 9562   | 103492  | 1.84%  | 0.100% |
| 153 | 10.734 | 10.709 | 10.770 | VV | 25938  | 413706  | 7.35%  | 0.401% |
| 154 | 10.798 | 10.770 | 10.809 | VV | 2840   | 56882   | 1.01%  | 0.055% |
| 155 | 10.828 | 10.809 | 10.847 | VV | 6669   | 86316   | 1.53%  | 0.084% |
| 156 | 10.860 | 10.847 | 10.881 | VV | 2456   | 37824   | 0.67%  | 0.037% |
| 157 | 10.934 | 10.881 | 10.975 | VV | 346852 | 3585206 | 63.66% | 3.473% |
| 158 | 11.006 | 10.975 | 11.049 | VV | 105332 | 1172146 | 20.81% | 1.135% |
| 159 | 11.061 | 11.049 | 11.072 | VV | 3010   | 34740   | 0.62%  | 0.034% |
| 160 | 11.083 | 11.072 | 11.101 | VV | 2778   | 34437   | 0.61%  | 0.033% |
| 161 | 11.124 | 11.101 | 11.158 | VV | 2003   | 45136   | 0.80%  | 0.044% |
| 162 | 11.175 | 11.158 | 11.192 | VV | 2363   | 25568   | 0.45%  | 0.025% |
| 163 | 11.214 | 11.192 | 11.259 | VV | 15948  | 220877  | 3.92%  | 0.214% |
| 164 | 11.288 | 11.259 | 11.306 | PV | 3354   | 58838   | 1.04%  | 0.057% |
| 165 | 11.326 | 11.306 | 11.346 | VV | 4709   | 75244   | 1.34%  | 0.073% |
| 166 | 11.372 | 11.346 | 11.393 | VV | 14816  | 197718  | 3.51%  | 0.192% |
| 167 | 11.422 | 11.393 | 11.434 | VV | 4019   | 77301   | 1.37%  | 0.075% |
| 168 | 11.462 | 11.434 | 11.497 | VV | 14661  | 260115  | 4.62%  | 0.252% |
| 169 | 11.526 | 11.497 | 11.550 | VV | 6757   | 94214   | 1.67%  | 0.091% |
| 170 | 11.582 | 11.550 | 11.604 | VV | 8313   | 115988  | 2.06%  | 0.112% |
| 171 | 11.622 | 11.604 | 11.644 | VV | 2414   | 38490   | 0.68%  | 0.037% |
| 172 | 11.697 | 11.644 | 11.719 | VV | 289659 | 3103072 | 55.10% | 3.006% |
| 173 | 11.734 | 11.719 | 11.748 | VV | 45987  | 488495  | 8.67%  | 0.473% |
| 174 | 11.764 | 11.748 | 11.797 | VV | 58202  | 631020  | 11.20% | 0.611% |
| 175 | 11.851 | 11.797 | 11.869 | VV | 74013  | 1070959 | 19.02% | 1.037% |
| 176 | 11.882 | 11.869 | 11.896 | VV | 27372  | 289858  | 5.15%  | 0.281% |
| 177 | 11.913 | 11.896 | 11.964 | VV | 36955  | 497110  | 8.83%  | 0.482% |
| 178 | 11.986 | 11.964 | 12.004 | VV | 3252   | 42349   | 0.75%  | 0.041% |
| 179 | 12.042 | 12.004 | 12.064 | VV | 12220  | 180483  | 3.20%  | 0.175% |
| 180 | 12.093 | 12.064 | 12.121 | VV | 89949  | 1034169 | 18.36% | 1.002% |
| 181 | 12.132 | 12.121 | 12.177 | VV | 3093   | 65756   | 1.17%  | 0.064% |
| 182 | 12.202 | 12.177 | 12.223 | VV | 25110  | 282140  | 5.01%  | 0.273% |
| 183 | 12.235 | 12.223 | 12.249 | VV | 3580   | 44127   | 0.78%  | 0.043% |
| 184 | 12.283 | 12.249 | 12.331 | VV | 11094  | 207253  | 3.68%  | 0.201% |
| 185 | 12.349 | 12.331 | 12.366 | VV | 3948   | 49422   | 0.88%  | 0.048% |
| 186 | 12.382 | 12.366 | 12.397 | VV | 2541   | 31295   | 0.56%  | 0.030% |
| 187 | 12.413 | 12.397 | 12.422 | VV | 2525   | 27023   | 0.48%  | 0.026% |
| 188 | 12.455 | 12.422 | 12.464 | VV | 5409   | 83876   | 1.49%  | 0.081% |
| 189 | 12.476 | 12.464 | 12.500 | VV | 6578   | 86956   | 1.54%  | 0.084% |
| 190 | 12.523 | 12.500 | 12.562 | VV | 13190  | 236540  | 4.20%  | 0.229% |
| 191 | 12.584 | 12.562 | 12.613 | VV | 6714   | 141893  | 2.52%  | 0.137% |
| 192 | 12.634 | 12.613 | 12.654 | VV | 30262  | 379330  | 6.74%  | 0.367% |
| 193 | 12.678 | 12.654 | 12.718 | VV | 19702  | 452959  | 8.04%  | 0.439% |
| 194 | 12.757 | 12.718 | 12.790 | VV | 437599 | 4999978 | 88.78% | 4.843% |

|     |        |        |        |    |        |         |         |        |
|-----|--------|--------|--------|----|--------|---------|---------|--------|
|     |        |        |        |    | rteres |         |         |        |
| 195 | 12.810 | 12.790 | 12.828 | VV | 4369   | 50199   | 0.89%   | 0.049% |
| 196 | 12.847 | 12.828 | 12.858 | VV | 2099   | 25187   | 0.45%   | 0.024% |
| 197 | 12.887 | 12.858 | 12.921 | VV | 12101  | 275541  | 4.89%   | 0.267% |
| 198 | 12.938 | 12.921 | 13.001 | VV | 16445  | 382439  | 6.79%   | 0.370% |
| 199 | 13.054 | 13.001 | 13.085 | VV | 330191 | 3807544 | 67.60%  | 3.688% |
| 200 | 13.130 | 13.085 | 13.152 | VV | 289301 | 5632074 | 100.00% | 5.455% |
| 201 | 13.170 | 13.152 | 13.236 | VV | 169446 | 2457032 | 43.63%  | 2.380% |
| 202 | 13.247 | 13.236 | 13.272 | VV | 9106   | 112741  | 2.00%   | 0.109% |
| 203 | 13.313 | 13.272 | 13.329 | PV | 23967  | 391729  | 6.96%   | 0.379% |
| 204 | 13.348 | 13.329 | 13.370 | VV | 36013  | 497980  | 8.84%   | 0.482% |
| 205 | 13.384 | 13.370 | 13.409 | VV | 11794  | 181532  | 3.22%   | 0.176% |
| 206 | 13.419 | 13.409 | 13.424 | VV | 3075   | 24820   | 0.44%   | 0.024% |
| 207 | 13.444 | 13.424 | 13.462 | VV | 13695  | 168931  | 3.00%   | 0.164% |
| 208 | 13.473 | 13.462 | 13.484 | VV | 5236   | 58235   | 1.03%   | 0.056% |
| 209 | 13.508 | 13.484 | 13.535 | VV | 26978  | 408149  | 7.25%   | 0.395% |
| 210 | 13.547 | 13.535 | 13.575 | VV | 2897   | 47283   | 0.84%   | 0.046% |
| 211 | 13.638 | 13.575 | 13.679 | VV | 83138  | 1265700 | 22.47%  | 1.226% |
| 212 | 13.705 | 13.679 | 13.719 | VV | 6556   | 101423  | 1.80%   | 0.098% |
| 213 | 13.745 | 13.719 | 13.768 | VV | 65807  | 841016  | 14.93%  | 0.815% |
| 214 | 13.786 | 13.768 | 13.812 | VV | 31211  | 375145  | 6.66%   | 0.363% |
| 215 | 13.827 | 13.812 | 13.845 | VV | 5556   | 83993   | 1.49%   | 0.081% |
| 216 | 13.878 | 13.845 | 13.898 | VV | 16569  | 329669  | 5.85%   | 0.319% |
| 217 | 13.915 | 13.898 | 13.937 | VV | 25476  | 354847  | 6.30%   | 0.344% |
| 218 | 13.956 | 13.937 | 13.991 | VV | 23734  | 317921  | 5.64%   | 0.308% |
| 219 | 14.027 | 13.991 | 14.045 | VV | 4715   | 104105  | 1.85%   | 0.101% |
| 220 | 14.061 | 14.045 | 14.085 | VV | 3224   | 51642   | 0.92%   | 0.050% |
| 221 | 14.116 | 14.085 | 14.123 | VV | 3198   | 53525   | 0.95%   | 0.052% |
| 222 | 14.142 | 14.123 | 14.154 | VV | 5117   | 75222   | 1.34%   | 0.073% |
| 223 | 14.163 | 14.154 | 14.202 | VV | 4699   | 88641   | 1.57%   | 0.086% |
| 224 | 14.219 | 14.202 | 14.261 | VV | 3005   | 60255   | 1.07%   | 0.058% |
| 225 | 14.336 | 14.261 | 14.359 | VV | 16224  | 405449  | 7.20%   | 0.393% |
| 226 | 14.367 | 14.359 | 14.406 | VV | 10770  | 162300  | 2.88%   | 0.157% |
| 227 | 14.439 | 14.406 | 14.461 | VV | 16825  | 307810  | 5.47%   | 0.298% |
| 228 | 14.475 | 14.461 | 14.521 | VV | 11851  | 255578  | 4.54%   | 0.248% |
| 229 | 14.551 | 14.521 | 14.590 | VV | 25496  | 438001  | 7.78%   | 0.424% |
| 230 | 14.614 | 14.590 | 14.636 | VV | 45898  | 599786  | 10.65%  | 0.581% |
| 231 | 14.654 | 14.636 | 14.705 | VV | 16321  | 354854  | 6.30%   | 0.344% |
| 232 | 14.738 | 14.705 | 14.755 | VV | 4943   | 86879   | 1.54%   | 0.084% |
| 233 | 14.797 | 14.755 | 14.855 | VV | 10878  | 265958  | 4.72%   | 0.258% |
| 234 | 14.877 | 14.855 | 14.896 | VV | 10026  | 122015  | 2.17%   | 0.118% |
| 235 | 14.928 | 14.896 | 14.948 | VV | 160022 | 1976986 | 35.10%  | 1.915% |
| 236 | 14.970 | 14.948 | 14.999 | VV | 156052 | 1885987 | 33.49%  | 1.827% |
| 237 | 15.013 | 14.999 | 15.047 | VV | 3898   | 64030   | 1.14%   | 0.062% |
| 238 | 15.088 | 15.047 | 15.143 | VV | 36191  | 659084  | 11.70%  | 0.638% |
| 239 | 15.161 | 15.143 | 15.197 | VV | 10341  | 146128  | 2.59%   | 0.142% |
| 240 | 15.226 | 15.197 | 15.250 | PV | 9866   | 182348  | 3.24%   | 0.177% |
| 241 | 15.268 | 15.250 | 15.317 | VV | 14047  | 279528  | 4.96%   | 0.271% |
| 242 | 15.363 | 15.317 | 15.449 | VV | 13076  | 359515  | 6.38%   | 0.348% |
| 243 | 15.467 | 15.449 | 15.481 | VV | 3045   | 36618   | 0.65%   | 0.035% |
| 244 | 15.504 | 15.481 | 15.528 | VV | 6129   | 108919  | 1.93%   | 0.106% |
| 245 | 15.556 | 15.528 | 15.574 | VV | 10563  | 157137  | 2.79%   | 0.152% |
| 246 | 15.598 | 15.574 | 15.618 | VV | 34959  | 455516  | 8.09%   | 0.441% |

| rteres |        |        |        |    |        |         |        |        |
|--------|--------|--------|--------|----|--------|---------|--------|--------|
| 247    | 15.636 | 15.618 | 15.660 | VV | 16854  | 237111  | 4.21%  | 0.230% |
| 248    | 15.681 | 15.660 | 15.701 | VV | 13418  | 193654  | 3.44%  | 0.188% |
| 249    | 15.759 | 15.701 | 15.795 | VV | 27801  | 676955  | 12.02% | 0.656% |
| 250    | 15.835 | 15.795 | 15.860 | VV | 9110   | 160316  | 2.85%  | 0.155% |
|        |        |        |        |    |        |         |        |        |
| 251    | 15.881 | 15.860 | 15.898 | VV | 2197   | 35813   | 0.64%  | 0.035% |
| 252    | 15.919 | 15.898 | 15.972 | VV | 7246   | 123195  | 2.19%  | 0.119% |
| 253    | 16.002 | 15.972 | 16.053 | VV | 6726   | 174969  | 3.11%  | 0.169% |
| 254    | 16.067 | 16.053 | 16.077 | VV | 1020   | 11289   | 0.20%  | 0.011% |
| 255    | 16.098 | 16.077 | 16.114 | VV | 2227   | 29975   | 0.53%  | 0.029% |
|        |        |        |        |    |        |         |        |        |
| 256    | 16.127 | 16.114 | 16.144 | VV | 1461   | 14710   | 0.26%  | 0.014% |
| 257    | 16.204 | 16.144 | 16.223 | PV | 8162   | 174968  | 3.11%  | 0.169% |
| 258    | 16.234 | 16.223 | 16.248 | VV | 4378   | 49726   | 0.88%  | 0.048% |
| 259    | 16.268 | 16.248 | 16.285 | VV | 7464   | 108057  | 1.92%  | 0.105% |
| 260    | 16.304 | 16.285 | 16.332 | VV | 6098   | 120702  | 2.14%  | 0.117% |
|        |        |        |        |    |        |         |        |        |
| 261    | 16.400 | 16.332 | 16.435 | VV | 8696   | 320242  | 5.69%  | 0.310% |
| 262    | 16.488 | 16.435 | 16.505 | PV | 146860 | 2057086 | 36.52% | 1.993% |
| 263    | 16.513 | 16.505 | 16.551 | VV | 67961  | 711382  | 12.63% | 0.689% |
| 264    | 16.567 | 16.551 | 16.585 | VV | 3141   | 54275   | 0.96%  | 0.053% |
| 265    | 16.614 | 16.585 | 16.636 | VV | 33010  | 415826  | 7.38%  | 0.403% |
|        |        |        |        |    |        |         |        |        |
| 266    | 16.651 | 16.636 | 16.689 | VV | 7259   | 145249  | 2.58%  | 0.141% |
| 267    | 16.704 | 16.689 | 16.717 | VV | 4039   | 53231   | 0.95%  | 0.052% |
| 268    | 16.736 | 16.717 | 16.750 | VV | 5880   | 86417   | 1.53%  | 0.084% |
| 269    | 16.808 | 16.750 | 16.833 | VV | 79068  | 1551625 | 27.55% | 1.503% |
| 270    | 16.866 | 16.833 | 16.908 | VV | 116539 | 1517457 | 26.94% | 1.470% |
|        |        |        |        |    |        |         |        |        |
| 271    | 16.966 | 16.908 | 16.996 | VV | 33423  | 587102  | 10.42% | 0.569% |
| 272    | 17.014 | 16.996 | 17.041 | VV | 7672   | 144065  | 2.56%  | 0.140% |
| 273    | 17.109 | 17.041 | 17.152 | VV | 11158  | 425355  | 7.55%  | 0.412% |
| 274    | 17.168 | 17.152 | 17.186 | VV | 5768   | 90132   | 1.60%  | 0.087% |
| 275    | 17.226 | 17.186 | 17.258 | VV | 22635  | 547497  | 9.72%  | 0.530% |
|        |        |        |        |    |        |         |        |        |
| 276    | 17.270 | 17.258 | 17.301 | VV | 11208  | 190320  | 3.38%  | 0.184% |
| 277    | 17.324 | 17.301 | 17.339 | VV | 7464   | 108533  | 1.93%  | 0.105% |
| 278    | 17.388 | 17.339 | 17.422 | VV | 13311  | 409848  | 7.28%  | 0.397% |
| 279    | 17.448 | 17.422 | 17.465 | VV | 10495  | 160596  | 2.85%  | 0.156% |
| 280    | 17.478 | 17.465 | 17.497 | VV | 7060   | 102752  | 1.82%  | 0.100% |
|        |        |        |        |    |        |         |        |        |
| 281    | 17.523 | 17.497 | 17.548 | VV | 16351  | 272260  | 4.83%  | 0.264% |
| 282    | 17.561 | 17.548 | 17.601 | VV | 5650   | 131658  | 2.34%  | 0.128% |
| 283    | 17.638 | 17.601 | 17.660 | VV | 6653   | 146229  | 2.60%  | 0.142% |
| 284    | 17.675 | 17.660 | 17.688 | VV | 2441   | 34776   | 0.62%  | 0.034% |
| 285    | 17.704 | 17.688 | 17.725 | VV | 3122   | 54784   | 0.97%  | 0.053% |
|        |        |        |        |    |        |         |        |        |
| 286    | 17.843 | 17.725 | 17.882 | VV | 10201  | 530060  | 9.41%  | 0.513% |
| 287    | 17.910 | 17.882 | 17.926 | VV | 5558   | 117712  | 2.09%  | 0.114% |
| 288    | 17.959 | 17.926 | 17.975 | VV | 7939   | 178312  | 3.17%  | 0.173% |
| 289    | 18.000 | 17.975 | 18.061 | VV | 15770  | 509839  | 9.05%  | 0.494% |
| 290    | 18.078 | 18.061 | 18.110 | VV | 5674   | 130226  | 2.31%  | 0.126% |
|        |        |        |        |    |        |         |        |        |
| 291    | 18.143 | 18.110 | 18.184 | VV | 22035  | 486882  | 8.64%  | 0.472% |
| 292    | 18.234 | 18.184 | 18.257 | VV | 65558  | 1073244 | 19.06% | 1.040% |
| 293    | 18.269 | 18.257 | 18.300 | VV | 17834  | 346887  | 6.16%  | 0.336% |
| 294    | 18.316 | 18.300 | 18.338 | VV | 11465  | 191366  | 3.40%  | 0.185% |
| 295    | 18.366 | 18.338 | 18.383 | VV | 28079  | 425266  | 7.55%  | 0.412% |
|        |        |        |        |    |        |         |        |        |
| 296    | 18.397 | 18.383 | 18.457 | VV | 22150  | 455545  | 8.09%  | 0.441% |
| 297    | 18.489 | 18.457 | 18.515 | VV | 58553  | 793253  | 14.08% | 0.768% |
| 298    | 18.527 | 18.515 | 18.547 | VV | 6322   | 112103  | 1.99%  | 0.109% |
| 299    | 18.571 | 18.547 | 18.589 | VV | 10518  | 203501  | 3.61%  | 0.197% |

|     |        |        |        |    |        |         |        |        |
|-----|--------|--------|--------|----|--------|---------|--------|--------|
|     |        |        |        |    | rteres |         |        |        |
| 300 | 18.619 | 18.589 | 18.645 | VV | 29383  | 478911  | 8.50%  | 0.464% |
| 301 | 18.673 | 18.645 | 18.700 | VV | 10661  | 233015  | 4.14%  | 0.226% |
| 302 | 18.714 | 18.700 | 18.727 | VV | 6061   | 83402   | 1.48%  | 0.081% |
| 303 | 18.741 | 18.727 | 18.759 | VV | 5887   | 93873   | 1.67%  | 0.091% |
| 304 | 18.791 | 18.759 | 18.817 | VV | 13089  | 292051  | 5.19%  | 0.283% |
| 305 | 18.839 | 18.817 | 18.898 | VV | 10271  | 353689  | 6.28%  | 0.343% |
| 306 | 18.921 | 18.898 | 18.941 | VV | 12905  | 237212  | 4.21%  | 0.230% |
| 307 | 18.963 | 18.941 | 18.985 | VV | 9216   | 206136  | 3.66%  | 0.200% |
| 308 | 19.000 | 18.985 | 19.021 | VV | 12120  | 210577  | 3.74%  | 0.204% |
| 309 | 19.029 | 19.021 | 19.037 | VV | 8628   | 76976   | 1.37%  | 0.075% |
| 310 | 19.065 | 19.037 | 19.103 | VV | 14172  | 431105  | 7.65%  | 0.418% |
| 311 | 19.121 | 19.103 | 19.142 | VV | 11072  | 212634  | 3.78%  | 0.206% |
| 312 | 19.163 | 19.142 | 19.178 | VV | 13457  | 246770  | 4.38%  | 0.239% |
| 313 | 19.187 | 19.178 | 19.227 | VV | 12135  | 271310  | 4.82%  | 0.263% |
| 314 | 19.248 | 19.227 | 19.265 | VV | 7668   | 162188  | 2.88%  | 0.157% |
| 315 | 19.293 | 19.265 | 19.321 | VV | 8274   | 265988  | 4.72%  | 0.258% |
| 316 | 19.344 | 19.321 | 19.391 | VV | 8666   | 336369  | 5.97%  | 0.326% |
| 317 | 19.413 | 19.391 | 19.424 | VV | 8207   | 151457  | 2.69%  | 0.147% |
| 318 | 19.455 | 19.424 | 19.485 | VV | 14036  | 394579  | 7.01%  | 0.382% |
| 319 | 19.503 | 19.485 | 19.525 | VV | 14154  | 283181  | 5.03%  | 0.274% |
| 320 | 19.574 | 19.525 | 19.612 | VV | 14399  | 607236  | 10.78% | 0.588% |
| 321 | 19.643 | 19.612 | 19.671 | VV | 34401  | 720353  | 12.79% | 0.698% |
| 322 | 19.712 | 19.671 | 19.741 | VV | 31320  | 868577  | 15.42% | 0.841% |
| 323 | 19.760 | 19.741 | 19.784 | VV | 19237  | 447749  | 7.95%  | 0.434% |
| 324 | 19.828 | 19.784 | 19.865 | VV | 21262  | 872775  | 15.50% | 0.845% |
| 325 | 19.894 | 19.865 | 19.908 | VV | 16477  | 394157  | 7.00%  | 0.382% |
| 326 | 19.926 | 19.908 | 19.958 | VV | 18949  | 490200  | 8.70%  | 0.475% |
| 327 | 20.023 | 19.958 | 20.054 | VV | 36200  | 1286473 | 22.84% | 1.246% |
| 328 | 20.088 | 20.054 | 20.103 | VV | 24429  | 612270  | 10.87% | 0.593% |
| 329 | 20.116 | 20.103 | 20.140 | VV | 23378  | 480129  | 8.52%  | 0.465% |
| 330 | 20.165 | 20.140 | 20.181 | VV | 23405  | 526342  | 9.35%  | 0.510% |
| 331 | 20.195 | 20.181 | 20.228 | VV | 22312  | 565815  | 10.05% | 0.548% |
| 332 | 20.288 | 20.228 | 20.318 | VV | 23747  | 1128625 | 20.04% | 1.093% |
| 333 | 20.350 | 20.318 | 20.371 | VV | 22673  | 698588  | 12.40% | 0.677% |
| 334 | 20.424 | 20.371 | 20.435 | VV | 23117  | 853879  | 15.16% | 0.827% |
| 335 | 20.456 | 20.435 | 20.527 | VV | 22453  | 1159496 | 20.59% | 1.123% |
| 336 | 20.560 | 20.527 | 20.595 | VV | 22534  | 812727  | 14.43% | 0.787% |
| 337 | 20.611 | 20.595 | 20.649 | VV | 18717  | 592997  | 10.53% | 0.574% |
| 338 | 20.675 | 20.649 | 20.701 | VV | 18794  | 556696  | 9.88%  | 0.539% |
| 339 | 20.713 | 20.701 | 20.755 | VV | 18169  | 559385  | 9.93%  | 0.542% |
| 340 | 20.795 | 20.755 | 20.821 | VV | 17558  | 678939  | 12.05% | 0.658% |
| 341 | 20.828 | 20.821 | 20.844 | VV | 17416  | 230672  | 4.10%  | 0.223% |
| 342 | 20.868 | 20.844 | 20.921 | VV | 17873  | 780605  | 13.86% | 0.756% |
| 343 | 20.948 | 20.921 | 21.008 | VV | 18366  | 819521  | 14.55% | 0.794% |
| 344 | 21.047 | 21.008 | 21.105 | VV | 14643  | 769925  | 13.67% | 0.746% |
| 345 | 21.158 | 21.105 | 21.185 | VV | 12611  | 556822  | 9.89%  | 0.539% |
| 346 | 21.213 | 21.185 | 21.235 | VV | 12047  | 335339  | 5.95%  | 0.325% |
| 347 | 21.263 | 21.235 | 21.293 | VV | 12290  | 382729  | 6.80%  | 0.371% |
| 348 | 21.319 | 21.293 | 21.337 | VV | 9327   | 231133  | 4.10%  | 0.224% |
| 349 | 21.352 | 21.337 | 21.361 | VV | 9590   | 132939  | 2.36%  | 0.129% |
| 350 | 21.368 | 21.361 | 21.378 | VV | 9336   | 94620   | 1.68%  | 0.092% |
| 351 | 21.441 | 21.378 | 21.591 | VV | 13101  | 1115870 | 19.81% | 1.081% |

|     |        |        |        |    |                         |           |       |        |  |
|-----|--------|--------|--------|----|-------------------------|-----------|-------|--------|--|
|     |        |        |        |    | rteres                  |           |       |        |  |
| 352 | 21.621 | 21.591 | 21.631 | VV | 6134                    | 135584    | 2.41% | 0.131% |  |
| 353 | 21.659 | 21.631 | 21.697 | VV | 5567                    | 181067    | 3.21% | 0.175% |  |
| 354 | 21.750 | 21.697 | 21.801 | VV | 5433                    | 215603    | 3.83% | 0.209% |  |
| 355 | 21.830 | 21.801 | 21.863 | VV | 4661                    | 112472    | 2.00% | 0.109% |  |
| 356 | 21.896 | 21.863 | 21.961 | VV | 3464                    | 106711    | 1.89% | 0.103% |  |
|     |        |        |        |    | Sum of corrected areas: | 103237491 |       |        |  |

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