

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_G\Data\FG012825AL\  
 Data File : FG015194.D  
 Signal(s) : FID1A.ch  
 Acq On : 28 Jan 2025 21:05  
 Sample : Q1194-03  
 Misc :  
 ALS Vial : 25 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID\_G\Method\Aliphatic EPH 011425.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         | 3.282       | 3.222        | 3.315      | BV       | 214            | 2183         | 0.05%          | 0.025%        |
| 2         | 3.328       | 3.315        | 3.345      | VV       | 93             | 1066         | 0.02%          | 0.012%        |
| 3         | 3.364       | 3.345        | 3.418      | PV       | 74             | 1785         | 0.04%          | 0.020%        |
| 4         | 3.428       | 3.418        | 3.442      | VV       | 130            | 922          | 0.02%          | 0.010%        |
| 5         | 3.482       | 3.442        | 3.501      | VV       | 140            | 3526         | 0.08%          | 0.040%        |
| 6         | 3.519       | 3.501        | 3.573      | VV       | 167            | 4982         | 0.11%          | 0.057%        |
| 7         | 3.620       | 3.573        | 3.654      | VV       | 193            | 6997         | 0.15%          | 0.080%        |
| 8         | 3.673       | 3.654        | 3.708      | VV       | 277            | 5351         | 0.12%          | 0.061%        |
| 9         | 3.730       | 3.708        | 3.750      | VV       | 178            | 3302         | 0.07%          | 0.038%        |
| 10        | 3.757       | 3.750        | 3.776      | VV       | 136            | 1538         | 0.03%          | 0.017%        |
| 11        | 3.810       | 3.776        | 3.837      | VV       | 116            | 3015         | 0.07%          | 0.034%        |
| 12        | 3.865       | 3.837        | 3.955      | VV       | 118            | 6927         | 0.15%          | 0.079%        |
| 13        | 3.975       | 3.955        | 3.988      | VV       | 139            | 1959         | 0.04%          | 0.022%        |
| 14        | 4.023       | 3.988        | 4.034      | VV       | 132            | 2583         | 0.06%          | 0.029%        |
| 15        | 4.080       | 4.034        | 4.094      | VV       | 396            | 6643         | 0.14%          | 0.076%        |
| 16        | 4.113       | 4.094        | 4.168      | VV       | 826            | 12218        | 0.26%          | 0.139%        |
| 17        | 4.191       | 4.168        | 4.219      | VV       | 198            | 4026         | 0.09%          | 0.046%        |
| 18        | 4.285       | 4.219        | 4.327      | VV       | 661            | 16450        | 0.36%          | 0.187%        |
| 19        | 4.337       | 4.327        | 4.346      | VV       | 179            | 1640         | 0.04%          | 0.019%        |
| 20        | 4.352       | 4.346        | 4.359      | VV       | 146            | 1114         | 0.02%          | 0.013%        |
| 21        | 4.367       | 4.359        | 4.385      | VV       | 173            | 2264         | 0.05%          | 0.026%        |
| 22        | 4.393       | 4.385        | 4.411      | VV       | 185            | 2232         | 0.05%          | 0.025%        |
| 23        | 4.419       | 4.411        | 4.429      | VV       | 160            | 1407         | 0.03%          | 0.016%        |
| 24        | 4.438       | 4.429        | 4.448      | VV       | 184            | 1725         | 0.04%          | 0.020%        |
| 25        | 4.455       | 4.448        | 4.475      | VV       | 222            | 2658         | 0.06%          | 0.030%        |
| 26        | 4.477       | 4.475        | 4.517      | VV       | 165            | 3468         | 0.08%          | 0.039%        |
| 27        | 4.539       | 4.517        | 4.598      | VV       | 634            | 14126        | 0.31%          | 0.161%        |
| 28        | 4.611       | 4.598        | 4.633      | VV       | 185            | 3227         | 0.07%          | 0.037%        |
| 29        | 4.641       | 4.633        | 4.650      | VV       | 125            | 1194         | 0.03%          | 0.014%        |
| 30        | 4.667       | 4.650        | 4.697      | VV       | 403            | 6095         | 0.13%          | 0.069%        |
| 31        | 4.731       | 4.697        | 4.773      | VV       | 1011           | 16158        | 0.35%          | 0.184%        |
| 32        | 4.793       | 4.773        | 4.808      | VV       | 750            | 9182         | 0.20%          | 0.104%        |
| 33        | 4.826       | 4.808        | 4.888      | VV       | 1434           | 20451        | 0.44%          | 0.233%        |
| 34        | 4.892       | 4.888        | 4.904      | VV       | 189            | 1538         | 0.03%          | 0.017%        |
| 35        | 4.952       | 4.904        | 4.993      | VV       | 305            | 10669        | 0.23%          | 0.121%        |
| 36        | 5.002       | 4.993        | 5.022      | VV       | 201            | 2864         | 0.06%          | 0.033%        |

|    |       |       |       |    | rteres |       |       |        |
|----|-------|-------|-------|----|--------|-------|-------|--------|
| 37 | 5.032 | 5.022 | 5.057 | VV | 223    | 3677  | 0.08% | 0.042% |
| 38 | 5.073 | 5.057 | 5.109 | VV | 206    | 4163  | 0.09% | 0.047% |
| 39 | 5.136 | 5.109 | 5.143 | VV | 151    | 2816  | 0.06% | 0.032% |
| 40 | 5.157 | 5.143 | 5.190 | VV | 276    | 4693  | 0.10% | 0.053% |
|    |       |       |       |    |        |       |       |        |
| 41 | 5.245 | 5.190 | 5.282 | VV | 3367   | 45559 | 0.99% | 0.518% |
| 42 | 5.307 | 5.282 | 5.347 | VV | 689    | 9543  | 0.21% | 0.109% |
| 43 | 5.363 | 5.347 | 5.413 | VV | 151    | 3250  | 0.07% | 0.037% |
| 44 | 5.455 | 5.413 | 5.477 | VV | 189    | 4162  | 0.09% | 0.047% |
| 45 | 5.495 | 5.477 | 5.527 | VV | 176    | 3087  | 0.07% | 0.035% |
|    |       |       |       |    |        |       |       |        |
| 46 | 5.541 | 5.527 | 5.586 | VV | 107    | 2123  | 0.05% | 0.024% |
| 47 | 5.645 | 5.586 | 5.658 | VV | 159    | 2825  | 0.06% | 0.032% |
| 48 | 5.683 | 5.658 | 5.705 | VV | 422    | 5389  | 0.12% | 0.061% |
| 49 | 5.728 | 5.705 | 5.755 | VV | 1062   | 11947 | 0.26% | 0.136% |
| 50 | 5.762 | 5.755 | 5.770 | VV | 92     | 727   | 0.02% | 0.008% |
|    |       |       |       |    |        |       |       |        |
| 51 | 5.788 | 5.770 | 5.842 | VV | 274    | 4558  | 0.10% | 0.052% |
| 52 | 5.868 | 5.842 | 5.931 | VV | 209    | 5276  | 0.11% | 0.060% |
| 53 | 5.946 | 5.931 | 5.965 | VV | 104    | 1425  | 0.03% | 0.016% |
| 54 | 5.998 | 5.965 | 6.032 | VV | 197    | 4203  | 0.09% | 0.048% |
| 55 | 6.059 | 6.032 | 6.096 | VV | 118    | 2588  | 0.06% | 0.029% |
|    |       |       |       |    |        |       |       |        |
| 56 | 6.117 | 6.096 | 6.136 | VV | 84     | 1079  | 0.02% | 0.012% |
| 57 | 6.164 | 6.136 | 6.186 | PV | 124    | 1678  | 0.04% | 0.019% |
| 58 | 6.216 | 6.186 | 6.228 | VV | 94     | 1474  | 0.03% | 0.017% |
| 59 | 6.253 | 6.228 | 6.293 | VV | 255    | 6181  | 0.13% | 0.070% |
| 60 | 6.319 | 6.293 | 6.343 | VV | 278    | 4762  | 0.10% | 0.054% |
|    |       |       |       |    |        |       |       |        |
| 61 | 6.363 | 6.343 | 6.412 | VV | 621    | 9746  | 0.21% | 0.111% |
| 62 | 6.428 | 6.412 | 6.458 | VV | 251    | 4390  | 0.10% | 0.050% |
| 63 | 6.502 | 6.458 | 6.538 | VV | 354    | 8736  | 0.19% | 0.099% |
| 64 | 6.544 | 6.538 | 6.588 | VV | 121    | 2181  | 0.05% | 0.025% |
| 65 | 6.603 | 6.588 | 6.622 | VV | 137    | 1707  | 0.04% | 0.019% |
|    |       |       |       |    |        |       |       |        |
| 66 | 6.650 | 6.622 | 6.672 | VV | 84     | 1943  | 0.04% | 0.022% |
| 67 | 6.719 | 6.672 | 6.754 | VV | 4799   | 52542 | 1.14% | 0.598% |
| 68 | 6.806 | 6.754 | 6.825 | VV | 558    | 8765  | 0.19% | 0.100% |
| 69 | 6.842 | 6.825 | 6.856 | VV | 357    | 3927  | 0.09% | 0.045% |
| 70 | 6.874 | 6.856 | 6.894 | VV | 958    | 10751 | 0.23% | 0.122% |
|    |       |       |       |    |        |       |       |        |
| 71 | 6.908 | 6.894 | 6.930 | VV | 299    | 3753  | 0.08% | 0.043% |
| 72 | 6.949 | 6.930 | 6.979 | VV | 477    | 5467  | 0.12% | 0.062% |
| 73 | 7.007 | 6.979 | 7.068 | PV | 104    | 3394  | 0.07% | 0.039% |
| 74 | 7.100 | 7.068 | 7.126 | VV | 152    | 3014  | 0.07% | 0.034% |
| 75 | 7.132 | 7.126 | 7.157 | VV | 101    | 1044  | 0.02% | 0.012% |
|    |       |       |       |    |        |       |       |        |
| 76 | 7.176 | 7.157 | 7.205 | VV | 576    | 7147  | 0.15% | 0.081% |
| 77 | 7.230 | 7.205 | 7.246 | VV | 655    | 9231  | 0.20% | 0.105% |
| 78 | 7.254 | 7.246 | 7.265 | VV | 376    | 3841  | 0.08% | 0.044% |
| 79 | 7.283 | 7.265 | 7.322 | VV | 624    | 12759 | 0.28% | 0.145% |
| 80 | 7.361 | 7.322 | 7.388 | VV | 1022   | 16850 | 0.36% | 0.192% |
|    |       |       |       |    |        |       |       |        |
| 81 | 7.398 | 7.388 | 7.422 | VV | 237    | 2850  | 0.06% | 0.032% |
| 82 | 7.444 | 7.422 | 7.501 | VV | 313    | 8058  | 0.17% | 0.092% |
| 83 | 7.527 | 7.501 | 7.562 | VV | 2298   | 27049 | 0.59% | 0.308% |
| 84 | 7.605 | 7.562 | 7.620 | VV | 320    | 7468  | 0.16% | 0.085% |
| 85 | 7.636 | 7.620 | 7.648 | VV | 446    | 4626  | 0.10% | 0.053% |
|    |       |       |       |    |        |       |       |        |
| 86 | 7.670 | 7.648 | 7.694 | VV | 2620   | 29456 | 0.64% | 0.335% |
| 87 | 7.708 | 7.694 | 7.716 | VV | 231    | 2278  | 0.05% | 0.026% |
| 88 | 7.734 | 7.716 | 7.752 | VV | 331    | 4884  | 0.11% | 0.056% |
| 89 | 7.763 | 7.752 | 7.808 | VV | 473    | 7001  | 0.15% | 0.080% |

|     |        |        |        |    |        |        |       |        |
|-----|--------|--------|--------|----|--------|--------|-------|--------|
|     |        |        |        |    | rteres |        |       |        |
| 90  | 7.847  | 7.808  | 7.865  | VV | 196    | 4498   | 0.10% | 0.051% |
| 91  | 7.883  | 7.865  | 7.908  | VV | 144    | 1890   | 0.04% | 0.021% |
| 92  | 7.937  | 7.908  | 7.967  | PV | 912    | 10768  | 0.23% | 0.122% |
| 93  | 7.988  | 7.967  | 8.007  | VV | 172    | 2570   | 0.06% | 0.029% |
| 94  | 8.019  | 8.007  | 8.072  | VV | 190    | 4234   | 0.09% | 0.048% |
| 95  | 8.103  | 8.072  | 8.118  | VV | 240    | 3894   | 0.08% | 0.044% |
| 96  | 8.132  | 8.118  | 8.147  | VV | 374    | 4562   | 0.10% | 0.052% |
| 97  | 8.159  | 8.147  | 8.178  | VV | 336    | 3695   | 0.08% | 0.042% |
| 98  | 8.202  | 8.178  | 8.222  | VV | 521    | 6165   | 0.13% | 0.070% |
| 99  | 8.247  | 8.222  | 8.282  | VV | 1490   | 18059  | 0.39% | 0.205% |
| 100 | 8.304  | 8.282  | 8.328  | VV | 1271   | 14281  | 0.31% | 0.162% |
| 101 | 8.343  | 8.328  | 8.356  | VV | 252    | 3217   | 0.07% | 0.037% |
| 102 | 8.375  | 8.356  | 8.392  | VV | 548    | 6841   | 0.15% | 0.078% |
| 103 | 8.404  | 8.392  | 8.437  | VV | 196    | 3988   | 0.09% | 0.045% |
| 104 | 8.460  | 8.437  | 8.526  | VV | 653    | 11061  | 0.24% | 0.126% |
| 105 | 8.555  | 8.526  | 8.588  | VV | 7805   | 85000  | 1.84% | 0.967% |
| 106 | 8.597  | 8.588  | 8.626  | VV | 308    | 5521   | 0.12% | 0.063% |
| 107 | 8.653  | 8.626  | 8.688  | VV | 644    | 14940  | 0.32% | 0.170% |
| 108 | 8.706  | 8.688  | 8.728  | VV | 534    | 7974   | 0.17% | 0.091% |
| 109 | 8.752  | 8.728  | 8.778  | VV | 486    | 7046   | 0.15% | 0.080% |
| 110 | 8.793  | 8.778  | 8.819  | VV | 528    | 6818   | 0.15% | 0.078% |
| 111 | 8.858  | 8.819  | 8.942  | VV | 23658  | 268674 | 5.82% | 3.056% |
| 112 | 8.977  | 8.942  | 8.994  | VV | 542    | 13757  | 0.30% | 0.156% |
| 113 | 9.014  | 8.994  | 9.035  | VV | 689    | 12902  | 0.28% | 0.147% |
| 114 | 9.051  | 9.035  | 9.072  | VV | 827    | 11459  | 0.25% | 0.130% |
| 115 | 9.099  | 9.072  | 9.137  | VV | 1593   | 30684  | 0.66% | 0.349% |
| 116 | 9.160  | 9.137  | 9.198  | VV | 464    | 9962   | 0.22% | 0.113% |
| 117 | 9.218  | 9.198  | 9.236  | VV | 413    | 5988   | 0.13% | 0.068% |
| 118 | 9.252  | 9.236  | 9.265  | VV | 434    | 5149   | 0.11% | 0.059% |
| 119 | 9.284  | 9.265  | 9.304  | VV | 1328   | 18141  | 0.39% | 0.206% |
| 120 | 9.323  | 9.304  | 9.365  | VV | 1028   | 24695  | 0.53% | 0.281% |
| 121 | 9.388  | 9.365  | 9.458  | VV | 2709   | 64369  | 1.39% | 0.732% |
| 122 | 9.475  | 9.458  | 9.496  | VV | 674    | 9170   | 0.20% | 0.104% |
| 123 | 9.525  | 9.496  | 9.555  | VV | 470    | 8201   | 0.18% | 0.093% |
| 124 | 9.578  | 9.555  | 9.593  | VV | 257    | 4484   | 0.10% | 0.051% |
| 125 | 9.609  | 9.593  | 9.618  | VV | 303    | 3746   | 0.08% | 0.043% |
| 126 | 9.627  | 9.618  | 9.640  | VV | 280    | 3412   | 0.07% | 0.039% |
| 127 | 9.646  | 9.640  | 9.658  | VV | 231    | 2268   | 0.05% | 0.026% |
| 128 | 9.691  | 9.658  | 9.730  | VV | 563    | 14092  | 0.31% | 0.160% |
| 129 | 9.758  | 9.730  | 9.795  | VV | 1167   | 21314  | 0.46% | 0.242% |
| 130 | 9.810  | 9.795  | 9.842  | VV | 431    | 8318   | 0.18% | 0.095% |
| 131 | 9.849  | 9.842  | 9.873  | VV | 417    | 5073   | 0.11% | 0.058% |
| 132 | 9.896  | 9.873  | 9.924  | VV | 721    | 11440  | 0.25% | 0.130% |
| 133 | 9.949  | 9.924  | 10.023 | VV | 977    | 16894  | 0.37% | 0.192% |
| 134 | 10.038 | 10.023 | 10.063 | VV | 189    | 2877   | 0.06% | 0.033% |
| 135 | 10.090 | 10.063 | 10.143 | PV | 576    | 11237  | 0.24% | 0.128% |
| 136 | 10.170 | 10.143 | 10.218 | VV | 2616   | 34916  | 0.76% | 0.397% |
| 137 | 10.247 | 10.218 | 10.301 | VV | 404    | 13257  | 0.29% | 0.151% |
| 138 | 10.322 | 10.301 | 10.332 | VV | 216    | 3400   | 0.07% | 0.039% |
| 139 | 10.343 | 10.332 | 10.370 | VV | 257    | 2836   | 0.06% | 0.032% |
| 140 | 10.391 | 10.370 | 10.405 | VV | 75     | 915    | 0.02% | 0.010% |
| 141 | 10.452 | 10.405 | 10.470 | VV | 234    | 5363   | 0.12% | 0.061% |

|     |        |        |        |    | rteres |       |       |        |
|-----|--------|--------|--------|----|--------|-------|-------|--------|
| 142 | 10.493 | 10.470 | 10.512 | VV | 378    | 6873  | 0.15% | 0.078% |
| 143 | 10.519 | 10.512 | 10.532 | VV | 294    | 3279  | 0.07% | 0.037% |
| 144 | 10.565 | 10.532 | 10.585 | VV | 710    | 13786 | 0.30% | 0.157% |
| 145 | 10.604 | 10.585 | 10.628 | VV | 471    | 8190  | 0.18% | 0.093% |
| 146 | 10.656 | 10.628 | 10.675 | VV | 365    | 7964  | 0.17% | 0.091% |
| 147 | 10.683 | 10.675 | 10.691 | VV | 234    | 2042  | 0.04% | 0.023% |
| 148 | 10.702 | 10.691 | 10.747 | VV | 235    | 5566  | 0.12% | 0.063% |
| 149 | 10.776 | 10.747 | 10.788 | VV | 411    | 6239  | 0.14% | 0.071% |
| 150 | 10.811 | 10.788 | 10.828 | VV | 360    | 6568  | 0.14% | 0.075% |
| 151 | 10.853 | 10.828 | 10.878 | VV | 577    | 12019 | 0.26% | 0.137% |
| 152 | 10.914 | 10.878 | 10.952 | VV | 1148   | 23873 | 0.52% | 0.272% |
| 153 | 10.973 | 10.952 | 10.985 | VV | 467    | 7136  | 0.15% | 0.081% |
| 154 | 10.995 | 10.985 | 11.015 | VV | 476    | 7639  | 0.17% | 0.087% |
| 155 | 11.043 | 11.015 | 11.101 | VV | 1171   | 25699 | 0.56% | 0.292% |
| 156 | 11.122 | 11.101 | 11.153 | VV | 295    | 7337  | 0.16% | 0.083% |
| 157 | 11.169 | 11.153 | 11.188 | VV | 213    | 3474  | 0.08% | 0.040% |
| 158 | 11.194 | 11.188 | 11.218 | VV | 189    | 2998  | 0.06% | 0.034% |
| 159 | 11.238 | 11.218 | 11.271 | VV | 327    | 7052  | 0.15% | 0.080% |
| 160 | 11.288 | 11.271 | 11.299 | VV | 296    | 4065  | 0.09% | 0.046% |
| 161 | 11.309 | 11.299 | 11.325 | VV | 289    | 4293  | 0.09% | 0.049% |
| 162 | 11.344 | 11.325 | 11.360 | VV | 549    | 8281  | 0.18% | 0.094% |
| 163 | 11.371 | 11.360 | 11.398 | VV | 284    | 3833  | 0.08% | 0.044% |
| 164 | 11.422 | 11.398 | 11.464 | VV | 256    | 4769  | 0.10% | 0.054% |
| 165 | 11.477 | 11.464 | 11.488 | PV | 118    | 859   | 0.02% | 0.010% |
| 166 | 11.551 | 11.488 | 11.583 | VV | 3538   | 49051 | 1.06% | 0.558% |
| 167 | 11.623 | 11.583 | 11.652 | VV | 2673   | 38347 | 0.83% | 0.436% |
| 168 | 11.666 | 11.652 | 11.672 | VV | 247    | 2176  | 0.05% | 0.025% |
| 169 | 11.716 | 11.672 | 11.758 | VV | 1276   | 20740 | 0.45% | 0.236% |
| 170 | 11.773 | 11.758 | 11.790 | VV | 119    | 1211  | 0.03% | 0.014% |
| 171 | 11.853 | 11.790 | 11.884 | VV | 197    | 4462  | 0.10% | 0.051% |
| 172 | 11.944 | 11.884 | 11.995 | VV | 302    | 14326 | 0.31% | 0.163% |
| 173 | 12.013 | 11.995 | 12.053 | VV | 515    | 10595 | 0.23% | 0.120% |
| 174 | 12.080 | 12.053 | 12.128 | VV | 425    | 10965 | 0.24% | 0.125% |
| 175 | 12.287 | 12.128 | 12.314 | VV | 741    | 34614 | 0.75% | 0.394% |
| 176 | 12.340 | 12.314 | 12.365 | VV | 402    | 9267  | 0.20% | 0.105% |
| 177 | 12.383 | 12.365 | 12.406 | VV | 393    | 6914  | 0.15% | 0.079% |
| 178 | 12.433 | 12.406 | 12.470 | VV | 422    | 12258 | 0.27% | 0.139% |
| 179 | 12.509 | 12.470 | 12.556 | VV | 925    | 26896 | 0.58% | 0.306% |
| 180 | 12.576 | 12.556 | 12.600 | VV | 635    | 11340 | 0.25% | 0.129% |
| 181 | 12.620 | 12.600 | 12.651 | VV | 709    | 11211 | 0.24% | 0.128% |
| 182 | 12.707 | 12.651 | 12.722 | VV | 452    | 11880 | 0.26% | 0.135% |
| 183 | 12.744 | 12.722 | 12.760 | VV | 565    | 8974  | 0.19% | 0.102% |
| 184 | 12.797 | 12.760 | 12.843 | VV | 1578   | 28926 | 0.63% | 0.329% |
| 185 | 12.874 | 12.843 | 12.901 | VV | 937    | 13823 | 0.30% | 0.157% |
| 186 | 12.935 | 12.901 | 12.961 | VV | 1969   | 27951 | 0.61% | 0.318% |
| 187 | 12.974 | 12.961 | 12.985 | VV | 224    | 2881  | 0.06% | 0.033% |
| 188 | 13.006 | 12.985 | 13.038 | VV | 259    | 6189  | 0.13% | 0.070% |
| 189 | 13.055 | 13.038 | 13.086 | VV | 302    | 5730  | 0.12% | 0.065% |
| 190 | 13.100 | 13.086 | 13.117 | VV | 124    | 1325  | 0.03% | 0.015% |
| 191 | 13.195 | 13.117 | 13.203 | PV | 203    | 4102  | 0.09% | 0.047% |
| 192 | 13.213 | 13.203 | 13.245 | VV | 217    | 4124  | 0.09% | 0.047% |
| 193 | 13.260 | 13.245 | 13.275 | VV | 171    | 1951  | 0.04% | 0.022% |
| 194 | 13.299 | 13.275 | 13.309 | VV | 246    | 3035  | 0.07% | 0.035% |

|     |        |        |        |    |        |         |         |         |
|-----|--------|--------|--------|----|--------|---------|---------|---------|
|     |        |        |        |    | rteres |         |         |         |
| 195 | 13.327 | 13.309 | 13.334 | VV | 222    | 2793    | 0.06%   | 0.032%  |
| 196 | 13.384 | 13.334 | 13.423 | VV | 379198 | 4618909 | 100.00% | 52.532% |
| 197 | 13.438 | 13.423 | 13.500 | VV | 358    | 11857   | 0.26%   | 0.135%  |
| 198 | 13.515 | 13.500 | 13.526 | VV | 258    | 3189    | 0.07%   | 0.036%  |
| 199 | 13.550 | 13.526 | 13.585 | VV | 490    | 12188   | 0.26%   | 0.139%  |
| 200 | 13.606 | 13.585 | 13.644 | VV | 404    | 11205   | 0.24%   | 0.127%  |
| 201 | 13.666 | 13.644 | 13.728 | VV | 297    | 10344   | 0.22%   | 0.118%  |
| 202 | 13.755 | 13.728 | 13.788 | VV | 352    | 10185   | 0.22%   | 0.116%  |
| 203 | 13.827 | 13.788 | 13.875 | VV | 451    | 15238   | 0.33%   | 0.173%  |
| 204 | 13.890 | 13.875 | 13.918 | VV | 230    | 4495    | 0.10%   | 0.051%  |
| 205 | 13.950 | 13.918 | 13.968 | VV | 236    | 6022    | 0.13%   | 0.068%  |
| 206 | 14.003 | 13.968 | 14.031 | VV | 377    | 9475    | 0.21%   | 0.108%  |
| 207 | 14.043 | 14.031 | 14.048 | VV | 200    | 1496    | 0.03%   | 0.017%  |
| 208 | 14.086 | 14.048 | 14.111 | VV | 688    | 12969   | 0.28%   | 0.147%  |
| 209 | 14.139 | 14.111 | 14.182 | VV | 1600   | 22790   | 0.49%   | 0.259%  |
| 210 | 14.192 | 14.182 | 14.215 | VV | 96     | 1804    | 0.04%   | 0.021%  |
| 211 | 14.225 | 14.215 | 14.287 | VV | 98     | 2300    | 0.05%   | 0.026%  |
| 212 | 14.301 | 14.287 | 14.315 | PV | 76     | 500     | 0.01%   | 0.006%  |
| 213 | 14.353 | 14.315 | 14.420 | VV | 166    | 7303    | 0.16%   | 0.083%  |
| 214 | 14.433 | 14.420 | 14.459 | VV | 149    | 2625    | 0.06%   | 0.030%  |
| 215 | 14.476 | 14.459 | 14.498 | VV | 193    | 3090    | 0.07%   | 0.035%  |
| 216 | 14.512 | 14.498 | 14.520 | VV | 125    | 1427    | 0.03%   | 0.016%  |
| 217 | 14.577 | 14.520 | 14.628 | VV | 1105   | 23675   | 0.51%   | 0.269%  |
| 218 | 14.633 | 14.628 | 14.662 | VV | 244    | 3921    | 0.08%   | 0.045%  |
| 219 | 14.671 | 14.662 | 14.680 | VV | 223    | 2229    | 0.05%   | 0.025%  |
| 220 | 14.705 | 14.680 | 14.738 | VV | 581    | 10492   | 0.23%   | 0.119%  |
| 221 | 14.764 | 14.738 | 14.776 | VV | 240    | 3746    | 0.08%   | 0.043%  |
| 222 | 14.842 | 14.776 | 14.888 | VV | 294    | 15303   | 0.33%   | 0.174%  |
| 223 | 14.901 | 14.888 | 14.930 | VV | 262    | 5170    | 0.11%   | 0.059%  |
| 224 | 14.956 | 14.930 | 14.989 | VV | 230    | 7090    | 0.15%   | 0.081%  |
| 225 | 15.024 | 14.989 | 15.040 | VV | 292    | 7613    | 0.16%   | 0.087%  |
| 226 | 15.053 | 15.040 | 15.160 | VV | 297    | 11938   | 0.26%   | 0.136%  |
| 227 | 15.200 | 15.160 | 15.225 | VV | 590    | 11939   | 0.26%   | 0.136%  |
| 228 | 15.246 | 15.225 | 15.368 | VV | 2459   | 38404   | 0.83%   | 0.437%  |
| 229 | 15.383 | 15.368 | 15.395 | VV | 65     | 775     | 0.02%   | 0.009%  |
| 230 | 15.417 | 15.395 | 15.502 | VV | 277    | 7061    | 0.15%   | 0.080%  |
| 231 | 15.514 | 15.502 | 15.534 | VV | 98     | 1091    | 0.02%   | 0.012%  |
| 232 | 15.552 | 15.534 | 15.573 | VV | 94     | 1371    | 0.03%   | 0.016%  |
| 233 | 15.672 | 15.573 | 15.708 | PV | 254    | 8122    | 0.18%   | 0.092%  |
| 234 | 15.768 | 15.708 | 15.805 | VV | 2487   | 37060   | 0.80%   | 0.421%  |
| 235 | 15.815 | 15.805 | 15.852 | VV | 133    | 2589    | 0.06%   | 0.029%  |
| 236 | 15.869 | 15.852 | 15.879 | PV | 109    | 715     | 0.02%   | 0.008%  |
| 237 | 15.901 | 15.879 | 15.922 | VV | 138    | 2402    | 0.05%   | 0.027%  |
| 238 | 15.952 | 15.922 | 15.990 | VV | 183    | 5275    | 0.11%   | 0.060%  |
| 239 | 15.996 | 15.990 | 16.025 | VV | 143    | 1906    | 0.04%   | 0.022%  |
| 240 | 16.092 | 16.025 | 16.117 | VV | 310    | 9980    | 0.22%   | 0.114%  |
| 241 | 16.129 | 16.117 | 16.182 | VV | 266    | 5863    | 0.13%   | 0.067%  |
| 242 | 16.188 | 16.182 | 16.204 | VV | 72     | 889     | 0.02%   | 0.010%  |
| 243 | 16.231 | 16.204 | 16.245 | VV | 419    | 5471    | 0.12%   | 0.062%  |
| 244 | 16.272 | 16.245 | 16.303 | VV | 4265   | 59154   | 1.28%   | 0.673%  |
| 245 | 16.313 | 16.303 | 16.355 | VV | 204    | 3352    | 0.07%   | 0.038%  |
| 246 | 16.377 | 16.355 | 16.389 | PV | 78     | 884     | 0.02%   | 0.010%  |

|     |        |        |        |    |        |       |       |        |
|-----|--------|--------|--------|----|--------|-------|-------|--------|
|     |        |        |        |    | rteres |       |       |        |
| 247 | 16.413 | 16.389 | 16.427 | VV | 124    | 1594  | 0.03% | 0.018% |
| 248 | 16.441 | 16.427 | 16.480 | VV | 146    | 3111  | 0.07% | 0.035% |
| 249 | 16.489 | 16.480 | 16.509 | VV | 85     | 1180  | 0.03% | 0.013% |
| 250 | 16.517 | 16.509 | 16.545 | VV | 62     | 658   | 0.01% | 0.007% |
| 251 | 16.584 | 16.545 | 16.618 | PV | 451    | 8640  | 0.19% | 0.098% |
| 252 | 16.633 | 16.618 | 16.701 | VV | 172    | 5377  | 0.12% | 0.061% |
| 253 | 16.756 | 16.701 | 16.848 | VV | 3622   | 57594 | 1.25% | 0.655% |
| 254 | 16.925 | 16.848 | 17.000 | VV | 316    | 16503 | 0.36% | 0.188% |
| 255 | 17.060 | 17.000 | 17.081 | VV | 397    | 12494 | 0.27% | 0.142% |
| 256 | 17.130 | 17.081 | 17.164 | VV | 385    | 14585 | 0.32% | 0.166% |
| 257 | 17.190 | 17.164 | 17.198 | VV | 568    | 7682  | 0.17% | 0.087% |
| 258 | 17.224 | 17.198 | 17.265 | VV | 4018   | 59720 | 1.29% | 0.679% |
| 259 | 17.307 | 17.265 | 17.382 | VV | 211    | 8293  | 0.18% | 0.094% |
| 260 | 17.388 | 17.382 | 17.408 | VV | 137    | 1250  | 0.03% | 0.014% |
| 261 | 17.437 | 17.408 | 17.482 | VV | 352    | 7021  | 0.15% | 0.080% |
| 262 | 17.516 | 17.482 | 17.540 | VV | 328    | 6308  | 0.14% | 0.072% |
| 263 | 17.559 | 17.540 | 17.596 | PV | 263    | 4969  | 0.11% | 0.057% |
| 264 | 17.615 | 17.596 | 17.624 | VV | 103    | 1419  | 0.03% | 0.016% |
| 265 | 17.677 | 17.624 | 17.712 | VV | 3318   | 49127 | 1.06% | 0.559% |
| 266 | 17.775 | 17.712 | 17.808 | VV | 193    | 7635  | 0.17% | 0.087% |
| 267 | 17.818 | 17.808 | 17.875 | VV | 178    | 5547  | 0.12% | 0.063% |
| 268 | 17.910 | 17.875 | 17.921 | VV | 174    | 4237  | 0.09% | 0.048% |
| 269 | 17.960 | 17.921 | 17.981 | VV | 339    | 7493  | 0.16% | 0.085% |
| 270 | 18.006 | 17.981 | 18.042 | VV | 227    | 5579  | 0.12% | 0.063% |
| 271 | 18.114 | 18.042 | 18.147 | VV | 3145   | 52010 | 1.13% | 0.592% |
| 272 | 18.168 | 18.147 | 18.212 | VV | 131    | 3276  | 0.07% | 0.037% |
| 273 | 18.261 | 18.212 | 18.350 | PV | 199    | 8300  | 0.18% | 0.094% |
| 274 | 18.387 | 18.350 | 18.410 | VV | 217    | 4952  | 0.11% | 0.056% |
| 275 | 18.434 | 18.410 | 18.466 | VV | 279    | 3933  | 0.09% | 0.045% |
| 276 | 18.496 | 18.466 | 18.507 | PV | 174    | 2265  | 0.05% | 0.026% |
| 277 | 18.538 | 18.507 | 18.577 | VV | 2617   | 38081 | 0.82% | 0.433% |
| 278 | 18.616 | 18.577 | 18.644 | VV | 123    | 3302  | 0.07% | 0.038% |
| 279 | 18.670 | 18.644 | 18.696 | VV | 157    | 3310  | 0.07% | 0.038% |
| 280 | 18.742 | 18.696 | 18.764 | VV | 126    | 3521  | 0.08% | 0.040% |
| 281 | 18.798 | 18.764 | 18.825 | VV | 258    | 5841  | 0.13% | 0.066% |
| 282 | 18.860 | 18.825 | 18.869 | VV | 167    | 3512  | 0.08% | 0.040% |
| 283 | 18.875 | 18.869 | 18.882 | VV | 107    | 730   | 0.02% | 0.008% |
| 284 | 18.948 | 18.882 | 19.000 | VV | 2008   | 37138 | 0.80% | 0.422% |
| 285 | 19.009 | 19.000 | 19.047 | VV | 94     | 1729  | 0.04% | 0.020% |
| 286 | 19.098 | 19.047 | 19.128 | PV | 147    | 4545  | 0.10% | 0.052% |
| 287 | 19.143 | 19.128 | 19.161 | VV | 95     | 1228  | 0.03% | 0.014% |
| 288 | 19.205 | 19.161 | 19.218 | PV | 110    | 2478  | 0.05% | 0.028% |
| 289 | 19.261 | 19.218 | 19.278 | VV | 88     | 1710  | 0.04% | 0.019% |
| 290 | 19.346 | 19.278 | 19.374 | PV | 1266   | 18854 | 0.41% | 0.214% |
| 291 | 19.386 | 19.374 | 19.405 | VV | 108    | 1125  | 0.02% | 0.013% |
| 292 | 19.489 | 19.405 | 19.498 | VV | 171    | 3109  | 0.07% | 0.035% |
| 293 | 19.520 | 19.498 | 19.564 | VV | 237    | 4925  | 0.11% | 0.056% |
| 294 | 19.608 | 19.564 | 19.621 | VV | 139    | 3447  | 0.07% | 0.039% |
| 295 | 19.634 | 19.621 | 19.649 | VV | 124    | 1704  | 0.04% | 0.019% |
| 296 | 19.734 | 19.649 | 19.762 | VV | 1318   | 25887 | 0.56% | 0.294% |
| 297 | 19.775 | 19.762 | 19.812 | VV | 158    | 3381  | 0.07% | 0.038% |
| 298 | 19.850 | 19.812 | 19.864 | VV | 162    | 3873  | 0.08% | 0.044% |
| 299 | 19.912 | 19.864 | 19.944 | VV | 261    | 8193  | 0.18% | 0.093% |

|                         |        |        |        |    |        |         |       |        |
|-------------------------|--------|--------|--------|----|--------|---------|-------|--------|
|                         |        |        |        |    | rteres |         |       |        |
| 300                     | 19.990 | 19.944 | 20.002 | VV | 299    | 8244    | 0.18% | 0.094% |
| 301                     | 20.034 | 20.002 | 20.068 | VV | 332    | 10323   | 0.22% | 0.117% |
| 302                     | 20.110 | 20.068 | 20.142 | VV | 978    | 20988   | 0.45% | 0.239% |
| 303                     | 20.291 | 20.142 | 20.323 | VV | 558    | 44235   | 0.96% | 0.503% |
| 304                     | 20.389 | 20.323 | 20.418 | VV | 671    | 33268   | 0.72% | 0.378% |
| 305                     | 20.476 | 20.418 | 20.501 | VV | 1583   | 45979   | 1.00% | 0.523% |
| 306                     | 20.535 | 20.501 | 20.553 | VV | 953    | 27177   | 0.59% | 0.309% |
| 307                     | 20.571 | 20.553 | 20.601 | VV | 893    | 24693   | 0.53% | 0.281% |
| 308                     | 20.738 | 20.601 | 20.778 | VV | 1335   | 116493  | 2.52% | 1.325% |
| 309                     | 20.837 | 20.778 | 20.883 | VV | 1450   | 75719   | 1.64% | 0.861% |
| 310                     | 21.015 | 20.883 | 21.048 | VV | 1492   | 125304  | 2.71% | 1.425% |
| 311                     | 21.054 | 21.048 | 21.087 | VV | 1354   | 30509   | 0.66% | 0.347% |
| 312                     | 21.134 | 21.087 | 21.152 | VV | 1324   | 51255   | 1.11% | 0.583% |
| 313                     | 21.163 | 21.152 | 21.187 | VV | 1346   | 27139   | 0.59% | 0.309% |
| 314                     | 21.223 | 21.187 | 21.258 | VV | 1880   | 65098   | 1.41% | 0.740% |
| 315                     | 21.268 | 21.258 | 21.298 | VV | 1294   | 29739   | 0.64% | 0.338% |
| 316                     | 21.341 | 21.298 | 21.405 | VV | 1239   | 76273   | 1.65% | 0.867% |
| 317                     | 21.416 | 21.405 | 21.495 | VV | 1137   | 57062   | 1.24% | 0.649% |
| 318                     | 21.501 | 21.495 | 21.534 | VV | 989    | 22205   | 0.48% | 0.253% |
| 319                     | 21.564 | 21.534 | 21.615 | VV | 997    | 42788   | 0.93% | 0.487% |
| 320                     | 21.665 | 21.615 | 21.686 | VV | 869    | 34386   | 0.74% | 0.391% |
| 321                     | 21.695 | 21.686 | 21.769 | VV | 781    | 32717   | 0.71% | 0.372% |
| 322                     | 21.781 | 21.769 | 21.791 | VV | 616    | 7843    | 0.17% | 0.089% |
| 323                     | 21.803 | 21.791 | 21.855 | VV | 632    | 20726   | 0.45% | 0.236% |
| 324                     | 21.872 | 21.855 | 21.881 | VV | 499    | 7369    | 0.16% | 0.084% |
| 325                     | 21.894 | 21.881 | 21.915 | VV | 495    | 8911    | 0.19% | 0.101% |
| 326                     | 21.950 | 21.915 | 21.962 | VV | 453    | 10956   | 0.24% | 0.125% |
| 327                     | 21.972 | 21.962 | 22.020 | VV | 415    | 12907   | 0.28% | 0.147% |
| 328                     | 22.047 | 22.020 | 22.108 | VV | 386    | 17422   | 0.38% | 0.198% |
| 329                     | 22.162 | 22.108 | 22.213 | VV | 922    | 32951   | 0.71% | 0.375% |
| 330                     | 22.227 | 22.213 | 22.254 | VV | 311    | 5642    | 0.12% | 0.064% |
| 331                     | 22.264 | 22.254 | 22.288 | VV | 171    | 2897    | 0.06% | 0.033% |
| 332                     | 22.381 | 22.288 | 22.407 | VV | 138    | 6197    | 0.13% | 0.070% |
| 333                     | 22.422 | 22.407 | 22.430 | PV | 24     | 468     | 0.01% | 0.005% |
| Sum of corrected areas: |        |        |        |    |        | 8792583 |       |        |

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