

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE113022AL\  
 Data File : FE039044.D  
 Signal(s) : FID1B.ch  
 Acq On : 01 Dec 2022 04:36  
 Sample : N5802-08  
 Misc :  
 ALS Vial : 29 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 111922.M  
 Title : GC Extractables

Signal : FID1B.ch

| peak<br># | R.T.<br>min | Start<br>min | End<br>min | PK<br>TY | peak<br>height | peak<br>area | peak<br>% max. | % of<br>total |
|-----------|-------------|--------------|------------|----------|----------------|--------------|----------------|---------------|
| 1         | 3.345       | 3.271        | 3.381      | BV       | 210            | 1891         | 0.03%          | 0.001%        |
| 2         | 3.416       | 3.381        | 3.438      | VV       | 115            | 2388         | 0.03%          | 0.002%        |
| 3         | 3.454       | 3.438        | 3.511      | PV       | 282            | 7868         | 0.12%          | 0.006%        |
| 4         | 3.578       | 3.511        | 3.617      | VV       | 404            | 13599        | 0.20%          | 0.010%        |
| 5         | 3.652       | 3.617        | 3.660      | VV       | 321            | 6327         | 0.09%          | 0.005%        |
| 6         | 3.695       | 3.660        | 3.717      | VV       | 604            | 15616        | 0.23%          | 0.011%        |
| 7         | 3.737       | 3.717        | 3.753      | VV       | 468            | 8942         | 0.13%          | 0.006%        |
| 8         | 3.790       | 3.753        | 3.868      | VV       | 1371           | 46244        | 0.68%          | 0.033%        |
| 9         | 3.905       | 3.868        | 3.914      | VV       | 366            | 8523         | 0.12%          | 0.006%        |
| 10        | 3.928       | 3.914        | 3.945      | VV       | 542            | 7303         | 0.11%          | 0.005%        |
| 11        | 3.953       | 3.945        | 3.972      | VV       | 395            | 4534         | 0.07%          | 0.003%        |
| 12        | 4.028       | 3.972        | 4.042      | VV       | 383            | 11659        | 0.17%          | 0.008%        |
| 13        | 4.060       | 4.042        | 4.108      | VV       | 339            | 9850         | 0.14%          | 0.007%        |
| 14        | 4.138       | 4.108        | 4.171      | VV       | 2592           | 37712        | 0.55%          | 0.027%        |
| 15        | 4.187       | 4.171        | 4.213      | VV       | 1316           | 21253        | 0.31%          | 0.015%        |
| 16        | 4.231       | 4.213        | 4.279      | VV       | 796            | 18908        | 0.28%          | 0.014%        |
| 17        | 4.319       | 4.279        | 4.338      | VV       | 565            | 14697        | 0.22%          | 0.011%        |
| 18        | 4.362       | 4.338        | 4.414      | VV       | 1614           | 30405        | 0.45%          | 0.022%        |
| 19        | 4.431       | 4.414        | 4.441      | VV       | 404            | 5203         | 0.08%          | 0.004%        |
| 20        | 4.456       | 4.441        | 4.475      | VV       | 382            | 5918         | 0.09%          | 0.004%        |
| 21        | 4.503       | 4.475        | 4.519      | VV       | 227            | 4904         | 0.07%          | 0.004%        |
| 22        | 4.533       | 4.519        | 4.568      | VV       | 248            | 5332         | 0.08%          | 0.004%        |
| 23        | 4.594       | 4.568        | 4.615      | VV       | 803            | 12119        | 0.18%          | 0.009%        |
| 24        | 4.631       | 4.615        | 4.658      | VV       | 517            | 10531        | 0.15%          | 0.008%        |
| 25        | 4.672       | 4.658        | 4.695      | VV       | 557            | 9174         | 0.13%          | 0.007%        |
| 26        | 4.716       | 4.695        | 4.735      | VV       | 470            | 9121         | 0.13%          | 0.007%        |
| 27        | 4.764       | 4.735        | 4.808      | VV       | 1499           | 32176        | 0.47%          | 0.023%        |
| 28        | 4.831       | 4.808        | 4.868      | VV       | 601            | 16262        | 0.24%          | 0.012%        |
| 29        | 4.879       | 4.868        | 4.891      | VV       | 391            | 4833         | 0.07%          | 0.003%        |
| 30        | 4.908       | 4.891        | 4.941      | VV       | 580            | 12927        | 0.19%          | 0.009%        |
| 31        | 4.965       | 4.941        | 4.990      | VV       | 531            | 13528        | 0.20%          | 0.010%        |
| 32        | 5.003       | 4.990        | 5.021      | VV       | 489            | 8099         | 0.12%          | 0.006%        |
| 33        | 5.043       | 5.021        | 5.051      | VV       | 435            | 6615         | 0.10%          | 0.005%        |
| 34        | 5.068       | 5.051        | 5.087      | VV       | 546            | 8684         | 0.13%          | 0.006%        |
| 35        | 5.097       | 5.087        | 5.138      | VV       | 364            | 9520         | 0.14%          | 0.007%        |
| 36        | 5.146       | 5.138        | 5.164      | VV       | 364            | 4254         | 0.06%          | 0.003%        |

|    |       |       |       |    | rteres |       |       |        |
|----|-------|-------|-------|----|--------|-------|-------|--------|
| 37 | 5.175 | 5.164 | 5.193 | VV | 274    | 3078  | 0.05% | 0.002% |
| 38 | 5.209 | 5.193 | 5.226 | VV | 389    | 5300  | 0.08% | 0.004% |
| 39 | 5.250 | 5.226 | 5.264 | VV | 512    | 8926  | 0.13% | 0.006% |
| 40 | 5.296 | 5.264 | 5.389 | VV | 1034   | 35855 | 0.53% | 0.026% |
| 41 | 5.408 | 5.389 | 5.451 | VV | 617    | 10499 | 0.15% | 0.008% |
| 42 | 5.474 | 5.451 | 5.487 | VV | 190    | 2503  | 0.04% | 0.002% |
| 43 | 5.535 | 5.487 | 5.561 | VV | 1994   | 25247 | 0.37% | 0.018% |
| 44 | 5.573 | 5.561 | 5.586 | VV | 372    | 4656  | 0.07% | 0.003% |
| 45 | 5.604 | 5.586 | 5.647 | VV | 504    | 7926  | 0.12% | 0.006% |
| 46 | 5.667 | 5.647 | 5.711 | PV | 406    | 6324  | 0.09% | 0.005% |
| 47 | 5.729 | 5.711 | 5.767 | VV | 656    | 12875 | 0.19% | 0.009% |
| 48 | 5.794 | 5.767 | 5.821 | VV | 351    | 7345  | 0.11% | 0.005% |
| 49 | 5.840 | 5.821 | 5.873 | VV | 1077   | 17755 | 0.26% | 0.013% |
| 50 | 5.920 | 5.873 | 5.948 | VV | 481    | 13339 | 0.20% | 0.010% |
| 51 | 5.978 | 5.948 | 6.020 | VV | 672    | 14895 | 0.22% | 0.011% |
| 52 | 6.039 | 6.020 | 6.050 | VV | 469    | 6323  | 0.09% | 0.005% |
| 53 | 6.060 | 6.050 | 6.081 | VV | 387    | 5304  | 0.08% | 0.004% |
| 54 | 6.092 | 6.081 | 6.105 | VV | 484    | 4643  | 0.07% | 0.003% |
| 55 | 6.135 | 6.105 | 6.153 | VV | 334    | 8370  | 0.12% | 0.006% |
| 56 | 6.171 | 6.153 | 6.187 | VV | 354    | 4933  | 0.07% | 0.004% |
| 57 | 6.202 | 6.187 | 6.225 | VV | 420    | 5800  | 0.08% | 0.004% |
| 58 | 6.241 | 6.225 | 6.250 | VV | 261    | 2666  | 0.04% | 0.002% |
| 59 | 6.261 | 6.250 | 6.280 | VV | 339    | 4923  | 0.07% | 0.004% |
| 60 | 6.304 | 6.280 | 6.391 | VV | 1830   | 39315 | 0.58% | 0.028% |
| 61 | 6.406 | 6.391 | 6.428 | VV | 178    | 2690  | 0.04% | 0.002% |
| 62 | 6.468 | 6.428 | 6.512 | VV | 1669   | 28097 | 0.41% | 0.020% |
| 63 | 6.532 | 6.512 | 6.572 | VV | 369    | 6921  | 0.10% | 0.005% |
| 64 | 6.597 | 6.572 | 6.628 | VV | 1852   | 25389 | 0.37% | 0.018% |
| 65 | 6.645 | 6.628 | 6.698 | VV | 572    | 15262 | 0.22% | 0.011% |
| 66 | 6.705 | 6.698 | 6.736 | VV | 327    | 3267  | 0.05% | 0.002% |
| 67 | 6.758 | 6.736 | 6.785 | VV | 893    | 12701 | 0.19% | 0.009% |
| 68 | 6.794 | 6.785 | 6.817 | VV | 350    | 4980  | 0.07% | 0.004% |
| 69 | 6.836 | 6.817 | 6.858 | VV | 569    | 8071  | 0.12% | 0.006% |
| 70 | 6.874 | 6.858 | 6.890 | VV | 601    | 7271  | 0.11% | 0.005% |
| 71 | 6.909 | 6.890 | 6.932 | VV | 709    | 11471 | 0.17% | 0.008% |
| 72 | 6.944 | 6.932 | 6.972 | VV | 401    | 7499  | 0.11% | 0.005% |
| 73 | 6.986 | 6.972 | 7.004 | VV | 433    | 4791  | 0.07% | 0.003% |
| 74 | 7.037 | 7.004 | 7.057 | PV | 367    | 5894  | 0.09% | 0.004% |
| 75 | 7.084 | 7.057 | 7.125 | VV | 425    | 9367  | 0.14% | 0.007% |
| 76 | 7.163 | 7.125 | 7.181 | VV | 369    | 7811  | 0.11% | 0.006% |
| 77 | 7.210 | 7.181 | 7.224 | VV | 687    | 9345  | 0.14% | 0.007% |
| 78 | 7.239 | 7.224 | 7.254 | VV | 1233   | 14918 | 0.22% | 0.011% |
| 79 | 7.269 | 7.254 | 7.312 | VV | 1008   | 25413 | 0.37% | 0.018% |
| 80 | 7.330 | 7.312 | 7.355 | VV | 796    | 12366 | 0.18% | 0.009% |
| 81 | 7.393 | 7.355 | 7.410 | VV | 718    | 15786 | 0.23% | 0.011% |
| 82 | 7.428 | 7.410 | 7.461 | VV | 777    | 15786 | 0.23% | 0.011% |
| 83 | 7.476 | 7.461 | 7.511 | VV | 1007   | 15848 | 0.23% | 0.011% |
| 84 | 7.532 | 7.511 | 7.550 | VV | 656    | 8888  | 0.13% | 0.006% |
| 85 | 7.571 | 7.550 | 7.590 | VV | 1668   | 21596 | 0.32% | 0.016% |
| 86 | 7.601 | 7.590 | 7.632 | VV | 571    | 9571  | 0.14% | 0.007% |
| 87 | 7.652 | 7.632 | 7.667 | VV | 452    | 6675  | 0.10% | 0.005% |
| 88 | 7.702 | 7.667 | 7.751 | VV | 3798   | 64438 | 0.94% | 0.046% |
| 89 | 7.766 | 7.751 | 7.804 | VV | 409    | 8413  | 0.12% | 0.006% |

|     |        |        |        |    |        |        |        |        |
|-----|--------|--------|--------|----|--------|--------|--------|--------|
|     |        |        |        |    | rteres |        |        |        |
| 90  | 7.831  | 7.804  | 7.851  | VV | 354    | 6619   | 0.10%  | 0.005% |
| 91  | 7.878  | 7.851  | 7.907  | VV | 626    | 9477   | 0.14%  | 0.007% |
| 92  | 7.933  | 7.907  | 7.941  | PV | 242    | 2839   | 0.04%  | 0.002% |
| 93  | 7.954  | 7.941  | 7.981  | VV | 312    | 3721   | 0.05%  | 0.003% |
| 94  | 8.001  | 7.981  | 8.030  | PV | 215    | 4289   | 0.06%  | 0.003% |
| 95  | 8.044  | 8.030  | 8.060  | VV | 244    | 3343   | 0.05%  | 0.002% |
| 96  | 8.079  | 8.060  | 8.099  | VV | 333    | 5489   | 0.08%  | 0.004% |
| 97  | 8.125  | 8.099  | 8.149  | VV | 1513   | 28745  | 0.42%  | 0.021% |
| 98  | 8.160  | 8.149  | 8.174  | VV | 985    | 12232  | 0.18%  | 0.009% |
| 99  | 8.186  | 8.174  | 8.210  | VV | 808    | 9475   | 0.14%  | 0.007% |
| 100 | 8.231  | 8.210  | 8.253  | PV | 768    | 9281   | 0.14%  | 0.007% |
| 101 | 8.276  | 8.253  | 8.300  | VV | 1195   | 16229  | 0.24%  | 0.012% |
| 102 | 8.330  | 8.300  | 8.348  | VV | 847    | 15798  | 0.23%  | 0.011% |
| 103 | 8.359  | 8.348  | 8.373  | VV | 366    | 4733   | 0.07%  | 0.003% |
| 104 | 8.403  | 8.373  | 8.439  | VV | 2396   | 35456  | 0.52%  | 0.026% |
| 105 | 8.474  | 8.439  | 8.498  | VV | 2478   | 45769  | 0.67%  | 0.033% |
| 106 | 8.507  | 8.498  | 8.523  | VV | 1276   | 14334  | 0.21%  | 0.010% |
| 107 | 8.536  | 8.523  | 8.551  | VV | 909    | 11582  | 0.17%  | 0.008% |
| 108 | 8.582  | 8.551  | 8.643  | VV | 6270   | 93416  | 1.37%  | 0.067% |
| 109 | 8.694  | 8.643  | 8.709  | VV | 2447   | 41305  | 0.61%  | 0.030% |
| 110 | 8.719  | 8.709  | 8.730  | VV | 1603   | 18863  | 0.28%  | 0.014% |
| 111 | 8.741  | 8.730  | 8.798  | VV | 1699   | 31248  | 0.46%  | 0.022% |
| 112 | 8.808  | 8.798  | 8.821  | VV | 334    | 3692   | 0.05%  | 0.003% |
| 113 | 8.831  | 8.821  | 8.844  | VV | 212    | 2301   | 0.03%  | 0.002% |
| 114 | 8.875  | 8.844  | 8.897  | PV | 396    | 9137   | 0.13%  | 0.007% |
| 115 | 8.946  | 8.897  | 8.964  | VV | 1532   | 27322  | 0.40%  | 0.020% |
| 116 | 8.990  | 8.964  | 9.028  | VV | 3351   | 57906  | 0.85%  | 0.042% |
| 117 | 9.043  | 9.028  | 9.065  | VV | 1597   | 24299  | 0.36%  | 0.017% |
| 118 | 9.079  | 9.065  | 9.094  | VV | 1595   | 22448  | 0.33%  | 0.016% |
| 119 | 9.122  | 9.094  | 9.147  | VV | 2551   | 45255  | 0.66%  | 0.033% |
| 120 | 9.205  | 9.147  | 9.221  | VV | 1146   | 36547  | 0.54%  | 0.026% |
| 121 | 9.232  | 9.221  | 9.250  | VV | 1359   | 17736  | 0.26%  | 0.013% |
| 122 | 9.267  | 9.250  | 9.288  | VV | 1657   | 22093  | 0.32%  | 0.016% |
| 123 | 9.325  | 9.288  | 9.372  | VV | 2705   | 52497  | 0.77%  | 0.038% |
| 124 | 9.408  | 9.372  | 9.431  | VV | 4529   | 65180  | 0.95%  | 0.047% |
| 125 | 9.444  | 9.431  | 9.475  | VV | 1467   | 24697  | 0.36%  | 0.018% |
| 126 | 9.497  | 9.475  | 9.528  | VV | 761    | 12673  | 0.19%  | 0.009% |
| 127 | 9.560  | 9.528  | 9.578  | PV | 1393   | 19257  | 0.28%  | 0.014% |
| 128 | 9.592  | 9.578  | 9.605  | VV | 967    | 9798   | 0.14%  | 0.007% |
| 129 | 9.613  | 9.605  | 9.628  | VV | 655    | 6063   | 0.09%  | 0.004% |
| 130 | 9.644  | 9.628  | 9.661  | VV | 493    | 7006   | 0.10%  | 0.005% |
| 131 | 9.697  | 9.661  | 9.714  | VV | 1327   | 20416  | 0.30%  | 0.015% |
| 132 | 9.735  | 9.714  | 9.760  | VV | 4802   | 58970  | 0.86%  | 0.042% |
| 133 | 9.781  | 9.760  | 9.835  | VV | 4356   | 85229  | 1.25%  | 0.061% |
| 134 | 9.860  | 9.835  | 9.892  | VV | 2072   | 43352  | 0.64%  | 0.031% |
| 135 | 9.929  | 9.892  | 9.950  | VV | 1543   | 38573  | 0.57%  | 0.028% |
| 136 | 9.968  | 9.950  | 9.995  | VV | 1336   | 28549  | 0.42%  | 0.021% |
| 137 | 10.013 | 9.995  | 10.030 | VV | 963    | 18233  | 0.27%  | 0.013% |
| 138 | 10.058 | 10.030 | 10.090 | VV | 90497  | 962348 | 14.10% | 0.692% |
| 139 | 10.123 | 10.090 | 10.165 | VV | 3820   | 112838 | 1.65%  | 0.081% |
| 140 | 10.191 | 10.165 | 10.251 | VV | 5587   | 112027 | 1.64%  | 0.081% |
| 141 | 10.295 | 10.251 | 10.331 | VV | 923    | 27659  | 0.41%  | 0.020% |

|     |        |        |        |    | rteres |         |         |        |
|-----|--------|--------|--------|----|--------|---------|---------|--------|
| 142 | 10.365 | 10.331 | 10.407 | PV | 1072   | 21226   | 0.31%   | 0.015% |
| 143 | 10.422 | 10.407 | 10.443 | VV | 294    | 4457    | 0.07%   | 0.003% |
| 144 | 10.486 | 10.443 | 10.501 | VV | 1036   | 18376   | 0.27%   | 0.013% |
| 145 | 10.531 | 10.501 | 10.554 | VV | 2578   | 40033   | 0.59%   | 0.029% |
|     |        |        |        |    |        |         |         |        |
| 146 | 10.578 | 10.554 | 10.599 | VV | 3302   | 48647   | 0.71%   | 0.035% |
| 147 | 10.626 | 10.599 | 10.647 | VV | 2059   | 47378   | 0.69%   | 0.034% |
| 148 | 10.663 | 10.647 | 10.688 | VV | 2862   | 43026   | 0.63%   | 0.031% |
| 149 | 10.706 | 10.688 | 10.718 | VV | 2190   | 26202   | 0.38%   | 0.019% |
| 150 | 10.730 | 10.718 | 10.754 | VV | 1856   | 27419   | 0.40%   | 0.020% |
|     |        |        |        |    |        |         |         |        |
| 151 | 10.777 | 10.754 | 10.795 | VV | 2077   | 30088   | 0.44%   | 0.022% |
| 152 | 10.839 | 10.795 | 10.866 | VV | 2812   | 77496   | 1.14%   | 0.056% |
| 153 | 10.881 | 10.866 | 10.900 | VV | 3436   | 46269   | 0.68%   | 0.033% |
| 154 | 10.928 | 10.900 | 10.968 | VV | 5207   | 103018  | 1.51%   | 0.074% |
| 155 | 10.997 | 10.968 | 11.028 | VV | 6043   | 116186  | 1.70%   | 0.084% |
|     |        |        |        |    |        |         |         |        |
| 156 | 11.052 | 11.028 | 11.071 | VV | 1045   | 22497   | 0.33%   | 0.016% |
| 157 | 11.084 | 11.071 | 11.098 | VV | 685    | 8100    | 0.12%   | 0.006% |
| 158 | 11.109 | 11.098 | 11.115 | VV | 437    | 3310    | 0.05%   | 0.002% |
| 159 | 11.184 | 11.115 | 11.235 | VV | 44695  | 579621  | 8.49%   | 0.417% |
| 160 | 11.260 | 11.235 | 11.308 | VV | 12868  | 178542  | 2.62%   | 0.128% |
|     |        |        |        |    |        |         |         |        |
| 161 | 11.320 | 11.308 | 11.343 | VV | 1696   | 27725   | 0.41%   | 0.020% |
| 162 | 11.353 | 11.343 | 11.362 | VV | 900    | 8971    | 0.13%   | 0.006% |
| 163 | 11.376 | 11.362 | 11.391 | VV | 945    | 11918   | 0.17%   | 0.009% |
| 164 | 11.405 | 11.391 | 11.415 | VV | 760    | 7087    | 0.10%   | 0.005% |
| 165 | 11.434 | 11.415 | 11.450 | VV | 1325   | 16131   | 0.24%   | 0.012% |
|     |        |        |        |    |        |         |         |        |
| 166 | 11.477 | 11.450 | 11.512 | VV | 3378   | 61062   | 0.89%   | 0.044% |
| 167 | 11.564 | 11.512 | 11.584 | VV | 2760   | 58057   | 0.85%   | 0.042% |
| 168 | 11.603 | 11.584 | 11.614 | VV | 2429   | 33792   | 0.49%   | 0.024% |
| 169 | 11.644 | 11.614 | 11.680 | VV | 6810   | 142789  | 2.09%   | 0.103% |
| 170 | 11.719 | 11.680 | 11.765 | VV | 5088   | 124185  | 1.82%   | 0.089% |
|     |        |        |        |    |        |         |         |        |
| 171 | 11.785 | 11.765 | 11.804 | VV | 1022   | 12163   | 0.18%   | 0.009% |
| 172 | 11.826 | 11.804 | 11.856 | VV | 2352   | 37086   | 0.54%   | 0.027% |
| 173 | 11.884 | 11.856 | 11.910 | VV | 4104   | 68745   | 1.01%   | 0.049% |
| 174 | 11.954 | 11.910 | 12.003 | VV | 609042 | 6826808 | 100.00% | 4.910% |
| 175 | 12.020 | 12.003 | 12.055 | VV | 7698   | 106197  | 1.56%   | 0.076% |
|     |        |        |        |    |        |         |         |        |
| 176 | 12.104 | 12.055 | 12.123 | VV | 6744   | 127890  | 1.87%   | 0.092% |
| 177 | 12.139 | 12.123 | 12.151 | VV | 4233   | 50531   | 0.74%   | 0.036% |
| 178 | 12.168 | 12.151 | 12.202 | VV | 5006   | 80026   | 1.17%   | 0.058% |
| 179 | 12.244 | 12.202 | 12.261 | VV | 1312   | 23034   | 0.34%   | 0.017% |
| 180 | 12.303 | 12.261 | 12.328 | VV | 5566   | 121403  | 1.78%   | 0.087% |
|     |        |        |        |    |        |         |         |        |
| 181 | 12.347 | 12.328 | 12.375 | VV | 4453   | 73562   | 1.08%   | 0.053% |
| 182 | 12.396 | 12.375 | 12.438 | VV | 5166   | 90904   | 1.33%   | 0.065% |
| 183 | 12.458 | 12.438 | 12.495 | VV | 6432   | 84225   | 1.23%   | 0.061% |
| 184 | 12.552 | 12.495 | 12.594 | VV | 96832  | 1181976 | 17.31%  | 0.850% |
| 185 | 12.604 | 12.594 | 12.651 | VV | 1892   | 43670   | 0.64%   | 0.031% |
|     |        |        |        |    |        |         |         |        |
| 186 | 12.671 | 12.651 | 12.682 | VV | 1376   | 19734   | 0.29%   | 0.014% |
| 187 | 12.709 | 12.682 | 12.747 | VV | 1815   | 46024   | 0.67%   | 0.033% |
| 188 | 12.792 | 12.747 | 12.816 | VV | 2734   | 62058   | 0.91%   | 0.045% |
| 189 | 12.838 | 12.816 | 12.864 | VV | 4803   | 65984   | 0.97%   | 0.047% |
| 190 | 12.887 | 12.864 | 12.906 | VV | 5102   | 68890   | 1.01%   | 0.050% |
|     |        |        |        |    |        |         |         |        |
| 191 | 12.941 | 12.906 | 12.975 | VV | 6626   | 128431  | 1.88%   | 0.092% |
| 192 | 13.004 | 12.975 | 13.041 | VV | 71286  | 823770  | 12.07%  | 0.592% |
| 193 | 13.061 | 13.041 | 13.091 | VV | 1334   | 22236   | 0.33%   | 0.016% |
| 194 | 13.106 | 13.091 | 13.121 | VV | 1232   | 10718   | 0.16%   | 0.008% |

|     |        |        |        |    |        |         |        |        |
|-----|--------|--------|--------|----|--------|---------|--------|--------|
|     |        |        |        |    | rteres |         |        |        |
| 195 | 13.138 | 13.121 | 13.146 | VV | 816    | 7891    | 0.12%  | 0.006% |
| 196 | 13.180 | 13.146 | 13.205 | VV | 2898   | 68803   | 1.01%  | 0.049% |
| 197 | 13.210 | 13.205 | 13.272 | VV | 2304   | 38222   | 0.56%  | 0.027% |
| 198 | 13.303 | 13.272 | 13.331 | PV | 58770  | 653747  | 9.58%  | 0.470% |
| 199 | 13.388 | 13.331 | 13.455 | VV | 401631 | 4934820 | 72.29% | 3.549% |
| 200 | 13.479 | 13.455 | 13.487 | VV | 2928   | 38765   | 0.57%  | 0.028% |
| 201 | 13.500 | 13.487 | 13.528 | VV | 3146   | 44510   | 0.65%  | 0.032% |
| 202 | 13.566 | 13.528 | 13.593 | PV | 11721  | 199036  | 2.92%  | 0.143% |
| 203 | 13.618 | 13.593 | 13.634 | VV | 6736   | 110030  | 1.61%  | 0.079% |
| 204 | 13.646 | 13.634 | 13.673 | VV | 4436   | 65416   | 0.96%  | 0.047% |
| 205 | 13.701 | 13.673 | 13.718 | VV | 3006   | 44882   | 0.66%  | 0.032% |
| 206 | 13.728 | 13.718 | 13.738 | VV | 1268   | 11358   | 0.17%  | 0.008% |
| 207 | 13.780 | 13.738 | 13.808 | VV | 23337  | 326154  | 4.78%  | 0.235% |
| 208 | 13.828 | 13.808 | 13.851 | VV | 2275   | 35036   | 0.51%  | 0.025% |
| 209 | 13.892 | 13.851 | 13.926 | VV | 10497  | 161381  | 2.36%  | 0.116% |
| 210 | 13.956 | 13.926 | 13.970 | VV | 1120   | 15207   | 0.22%  | 0.011% |
| 211 | 14.000 | 13.970 | 14.022 | VV | 6864   | 93652   | 1.37%  | 0.067% |
| 212 | 14.040 | 14.022 | 14.061 | VV | 4972   | 66361   | 0.97%  | 0.048% |
| 213 | 14.084 | 14.061 | 14.111 | VV | 3776   | 59086   | 0.87%  | 0.042% |
| 214 | 14.143 | 14.111 | 14.155 | VV | 6537   | 104253  | 1.53%  | 0.075% |
| 215 | 14.167 | 14.155 | 14.188 | VV | 6794   | 88909   | 1.30%  | 0.064% |
| 216 | 14.208 | 14.188 | 14.245 | VV | 3500   | 55210   | 0.81%  | 0.040% |
| 217 | 14.285 | 14.245 | 14.311 | VV | 1841   | 29911   | 0.44%  | 0.022% |
| 218 | 14.358 | 14.311 | 14.409 | PV | 1487   | 39753   | 0.58%  | 0.029% |
| 219 | 14.429 | 14.409 | 14.447 | VV | 1029   | 13927   | 0.20%  | 0.010% |
| 220 | 14.465 | 14.447 | 14.483 | VV | 1028   | 10892   | 0.16%  | 0.008% |
| 221 | 14.500 | 14.483 | 14.521 | PV | 614    | 8116    | 0.12%  | 0.006% |
| 222 | 14.577 | 14.521 | 14.598 | VV | 3276   | 108945  | 1.60%  | 0.078% |
| 223 | 14.627 | 14.598 | 14.681 | VV | 5795   | 118604  | 1.74%  | 0.085% |
| 224 | 14.702 | 14.681 | 14.722 | PV | 5881   | 84084   | 1.23%  | 0.060% |
| 225 | 14.734 | 14.722 | 14.745 | VV | 3210   | 37975   | 0.56%  | 0.027% |
| 226 | 14.765 | 14.745 | 14.780 | VV | 2831   | 51663   | 0.76%  | 0.037% |
| 227 | 14.805 | 14.780 | 14.846 | VV | 6093   | 124965  | 1.83%  | 0.090% |
| 228 | 14.869 | 14.846 | 14.890 | VV | 8982   | 115210  | 1.69%  | 0.083% |
| 229 | 14.929 | 14.890 | 14.965 | VV | 7261   | 141252  | 2.07%  | 0.102% |
| 230 | 14.993 | 14.965 | 15.012 | VV | 2772   | 41052   | 0.60%  | 0.030% |
| 231 | 15.053 | 15.012 | 15.089 | VV | 1920   | 59950   | 0.88%  | 0.043% |
| 232 | 15.134 | 15.089 | 15.152 | VV | 3341   | 63061   | 0.92%  | 0.045% |
| 233 | 15.180 | 15.152 | 15.201 | VV | 34091  | 437313  | 6.41%  | 0.315% |
| 234 | 15.222 | 15.201 | 15.261 | VV | 36104  | 502834  | 7.37%  | 0.362% |
| 235 | 15.284 | 15.261 | 15.313 | VV | 4512   | 85106   | 1.25%  | 0.061% |
| 236 | 15.342 | 15.313 | 15.375 | VV | 8249   | 135010  | 1.98%  | 0.097% |
| 237 | 15.380 | 15.375 | 15.397 | VV | 2212   | 22508   | 0.33%  | 0.016% |
| 238 | 15.420 | 15.397 | 15.458 | VV | 2837   | 52031   | 0.76%  | 0.037% |
| 239 | 15.485 | 15.458 | 15.505 | PV | 3930   | 63156   | 0.93%  | 0.045% |
| 240 | 15.540 | 15.505 | 15.597 | VV | 2468   | 80030   | 1.17%  | 0.058% |
| 241 | 15.640 | 15.597 | 15.705 | VV | 45370  | 905925  | 13.27% | 0.652% |
| 242 | 15.720 | 15.705 | 15.735 | VV | 1330   | 18810   | 0.28%  | 0.014% |
| 243 | 15.766 | 15.735 | 15.798 | VV | 7634   | 153466  | 2.25%  | 0.110% |
| 244 | 15.840 | 15.798 | 15.875 | VV | 16869  | 358873  | 5.26%  | 0.258% |
| 245 | 15.893 | 15.875 | 15.920 | VV | 4698   | 62319   | 0.91%  | 0.045% |
| 246 | 15.938 | 15.920 | 15.952 | PV | 1618   | 20509   | 0.30%  | 0.015% |

|     |        |        |        |    | rteres |         |        |        |
|-----|--------|--------|--------|----|--------|---------|--------|--------|
| 247 | 16.022 | 15.952 | 16.048 | VV | 5137   | 156269  | 2.29%  | 0.112% |
| 248 | 16.092 | 16.048 | 16.118 | VV | 2792   | 53309   | 0.78%  | 0.038% |
| 249 | 16.176 | 16.118 | 16.197 | VV | 4368   | 95185   | 1.39%  | 0.068% |
| 250 | 16.216 | 16.197 | 16.239 | VV | 4241   | 64642   | 0.95%  | 0.046% |
| 251 | 16.265 | 16.239 | 16.308 | VV | 6495   | 134681  | 1.97%  | 0.097% |
| 252 | 16.325 | 16.308 | 16.355 | VV | 4771   | 68407   | 1.00%  | 0.049% |
| 253 | 16.364 | 16.355 | 16.381 | VV | 1863   | 12941   | 0.19%  | 0.009% |
| 254 | 16.470 | 16.381 | 16.491 | PV | 3588   | 85982   | 1.26%  | 0.062% |
| 255 | 16.500 | 16.491 | 16.515 | VV | 1446   | 16464   | 0.24%  | 0.012% |
| 256 | 16.528 | 16.515 | 16.541 | VV | 3062   | 25292   | 0.37%  | 0.018% |
| 257 | 16.565 | 16.541 | 16.611 | VV | 3497   | 85166   | 1.25%  | 0.061% |
| 258 | 16.661 | 16.611 | 16.698 | VV | 17507  | 339782  | 4.98%  | 0.244% |
| 259 | 17.742 | 17.698 | 16.801 | VV | 44553  | 832006  | 12.19% | 0.598% |
| 260 | 16.826 | 16.801 | 16.847 | PV | 5264   | 80360   | 1.18%  | 0.058% |
| 261 | 16.874 | 16.847 | 16.899 | VV | 11710  | 169339  | 2.48%  | 0.122% |
| 262 | 16.928 | 16.899 | 16.942 | VV | 2555   | 47321   | 0.69%  | 0.034% |
| 263 | 17.062 | 16.942 | 17.091 | VV | 25348  | 487158  | 7.14%  | 0.350% |
| 264 | 17.121 | 17.091 | 17.165 | VV | 30067  | 449841  | 6.59%  | 0.324% |
| 265 | 17.218 | 17.165 | 17.239 | VV | 16426  | 413234  | 6.05%  | 0.297% |
| 266 | 17.261 | 17.239 | 17.277 | VV | 13925  | 272551  | 3.99%  | 0.196% |
| 267 | 17.290 | 17.277 | 17.318 | VV | 12988  | 224493  | 3.29%  | 0.161% |
| 268 | 17.364 | 17.318 | 17.381 | VV | 6134   | 215361  | 3.15%  | 0.155% |
| 269 | 17.470 | 17.381 | 17.488 | VV | 11419  | 526651  | 7.71%  | 0.379% |
| 270 | 17.490 | 17.488 | 17.499 | VV | 10491  | 60278   | 0.88%  | 0.043% |
| 271 | 17.534 | 17.499 | 17.574 | VV | 11922  | 400165  | 5.86%  | 0.288% |
| 272 | 17.607 | 17.574 | 17.635 | VV | 26415  | 642552  | 9.41%  | 0.462% |
| 273 | 17.663 | 17.635 | 17.691 | VV | 21151  | 533845  | 7.82%  | 0.384% |
| 274 | 17.709 | 17.691 | 17.727 | VV | 13154  | 243093  | 3.56%  | 0.175% |
| 275 | 17.744 | 17.727 | 17.762 | VV | 14711  | 261004  | 3.82%  | 0.188% |
| 276 | 17.790 | 17.762 | 17.821 | VV | 16944  | 457417  | 6.70%  | 0.329% |
| 277 | 17.845 | 17.821 | 17.864 | VV | 14532  | 316713  | 4.64%  | 0.228% |
| 278 | 17.902 | 17.864 | 17.921 | VV | 12391  | 379059  | 5.55%  | 0.273% |
| 279 | 17.965 | 17.921 | 17.978 | VV | 13061  | 399873  | 5.86%  | 0.288% |
| 280 | 18.008 | 17.978 | 18.035 | VV | 18665  | 519909  | 7.62%  | 0.374% |
| 281 | 18.105 | 18.035 | 18.134 | VV | 29379  | 1225917 | 17.96% | 0.882% |
| 282 | 18.192 | 18.134 | 18.212 | VV | 26007  | 920773  | 13.49% | 0.662% |
| 283 | 18.254 | 18.212 | 18.268 | VV | 28039  | 761734  | 11.16% | 0.548% |
| 284 | 18.290 | 18.268 | 18.318 | VV | 28914  | 746155  | 10.93% | 0.537% |
| 285 | 18.341 | 18.318 | 18.374 | VV | 23781  | 740571  | 10.85% | 0.533% |
| 286 | 18.431 | 18.374 | 18.450 | VV | 31398  | 1172491 | 17.17% | 0.843% |
| 287 | 18.490 | 18.450 | 18.511 | VV | 63676  | 1595728 | 23.37% | 1.148% |
| 288 | 18.527 | 18.511 | 18.555 | VV | 46072  | 971986  | 14.24% | 0.699% |
| 289 | 18.627 | 18.555 | 18.648 | VV | 42262  | 1735919 | 25.43% | 1.248% |
| 290 | 18.663 | 18.648 | 18.699 | VV | 33472  | 961737  | 14.09% | 0.692% |
| 291 | 18.704 | 18.699 | 18.718 | VV | 31395  | 322926  | 4.73%  | 0.232% |
| 292 | 18.752 | 18.718 | 18.805 | VV | 46956  | 1750881 | 25.65% | 1.259% |
| 293 | 18.831 | 18.805 | 18.846 | VV | 33385  | 796402  | 11.67% | 0.573% |
| 294 | 18.929 | 18.846 | 18.979 | VV | 40936  | 2708750 | 39.68% | 1.948% |
| 295 | 19.041 | 18.979 | 19.075 | VV | 43735  | 2088316 | 30.59% | 1.502% |
| 296 | 19.095 | 19.075 | 19.141 | VV | 41037  | 1462937 | 21.43% | 1.052% |
| 297 | 19.180 | 19.141 | 19.200 | VV | 37403  | 1236389 | 18.11% | 0.889% |
| 298 | 19.215 | 19.200 | 19.225 | VV | 38596  | 557277  | 8.16%  | 0.401% |
| 299 | 19.232 | 19.225 | 19.244 | VV | 37569  | 412276  | 6.04%  | 0.297% |

|     |        |        |        |    |        |         |        |        |
|-----|--------|--------|--------|----|--------|---------|--------|--------|
|     |        |        |        |    | rteres |         |        |        |
| 300 | 19.264 | 19.244 | 19.282 | VV | 39908  | 868593  | 12.72% | 0.625% |
| 301 | 19.318 | 19.282 | 19.354 | VV | 56844  | 2061441 | 30.20% | 1.483% |
| 302 | 19.364 | 19.354 | 19.399 | VV | 44735  | 1119109 | 16.39% | 0.805% |
| 303 | 19.439 | 19.399 | 19.453 | VV | 45785  | 1343522 | 19.68% | 0.966% |
| 304 | 19.471 | 19.453 | 19.505 | VV | 50032  | 1335892 | 19.57% | 0.961% |
| 305 | 19.515 | 19.505 | 19.524 | VV | 39438  | 452006  | 6.62%  | 0.325% |
| 306 | 19.563 | 19.524 | 19.575 | VV | 42022  | 1183391 | 17.33% | 0.851% |
| 307 | 19.640 | 19.575 | 19.680 | VV | 41298  | 2464335 | 36.10% | 1.772% |
| 308 | 19.788 | 19.680 | 19.807 | VV | 54071  | 3322789 | 48.67% | 2.390% |
| 309 | 19.839 | 19.807 | 19.878 | VV | 49571  | 1957740 | 28.68% | 1.408% |
| 310 | 19.906 | 19.878 | 19.931 | VV | 54516  | 1571917 | 23.03% | 1.131% |
| 311 | 19.979 | 19.931 | 20.021 | VV | 56899  | 2752241 | 40.32% | 1.979% |
| 312 | 20.031 | 20.021 | 20.053 | VV | 52098  | 967924  | 14.18% | 0.696% |
| 313 | 20.080 | 20.053 | 20.115 | VV | 57004  | 1981809 | 29.03% | 1.425% |
| 314 | 20.145 | 20.115 | 20.165 | VV | 55351  | 1574287 | 23.06% | 1.132% |
| 315 | 20.272 | 20.165 | 20.280 | VV | 62910  | 3891091 | 57.00% | 2.798% |
| 316 | 20.290 | 20.280 | 20.315 | VV | 64285  | 1280378 | 18.76% | 0.921% |
| 317 | 20.325 | 20.315 | 20.334 | VV | 62207  | 681498  | 9.98%  | 0.490% |
| 318 | 20.343 | 20.334 | 20.349 | VV | 62557  | 571476  | 8.37%  | 0.411% |
| 319 | 20.357 | 20.349 | 20.393 | VV | 63519  | 1588808 | 23.27% | 1.143% |
| 320 | 20.404 | 20.393 | 20.421 | VV | 63066  | 1013113 | 14.84% | 0.729% |
| 321 | 20.435 | 20.421 | 20.443 | VV | 61602  | 791927  | 11.60% | 0.570% |
| 322 | 20.461 | 20.443 | 20.491 | VV | 63689  | 1789043 | 26.21% | 1.287% |
| 323 | 20.540 | 20.491 | 20.558 | VV | 74533  | 2662074 | 38.99% | 1.915% |
| 324 | 20.635 | 20.558 | 20.658 | VV | 79167  | 4321620 | 63.30% | 3.108% |
| 325 | 20.714 | 20.658 | 20.745 | VV | 77002  | 3791253 | 55.53% | 2.727% |
| 326 | 20.758 | 20.745 | 20.774 | VV | 72659  | 1249298 | 18.30% | 0.899% |
| 327 | 20.790 | 20.774 | 20.813 | VV | 71786  | 1657286 | 24.28% | 1.192% |
| 328 | 20.829 | 20.813 | 20.847 | VV | 70898  | 1423782 | 20.86% | 1.024% |
| 329 | 20.866 | 20.847 | 20.907 | VV | 72929  | 2480174 | 36.33% | 1.784% |
| 330 | 20.931 | 20.907 | 20.951 | VV | 71388  | 1834065 | 26.87% | 1.319% |
| 331 | 20.963 | 20.951 | 21.028 | VV | 70168  | 2931766 | 42.94% | 2.109% |
| 332 | 21.036 | 21.028 | 21.069 | VV | 63572  | 1507293 | 22.08% | 1.084% |
| 333 | 21.121 | 21.069 | 21.161 | VV | 61546  | 3196281 | 46.82% | 2.299% |
| 334 | 21.179 | 21.161 | 21.315 | VV | 61435  | 4743081 | 69.48% | 3.411% |
| 335 | 21.348 | 21.315 | 21.398 | VV | 48758  | 2263105 | 33.15% | 1.628% |
| 336 | 21.404 | 21.398 | 21.437 | VV | 48633  | 1027131 | 15.05% | 0.739% |
| 337 | 21.449 | 21.437 | 21.533 | VV | 43069  | 2204537 | 32.29% | 1.586% |
| 338 | 21.542 | 21.533 | 21.578 | VV | 35100  | 851182  | 12.47% | 0.612% |
| 339 | 21.584 | 21.578 | 21.612 | VV | 31770  | 620100  | 9.08%  | 0.446% |
| 340 | 21.656 | 21.612 | 21.668 | VV | 30710  | 1016832 | 14.89% | 0.731% |
| 341 | 21.699 | 21.668 | 21.764 | VV | 31459  | 1625451 | 23.81% | 1.169% |
| 342 | 21.773 | 21.764 | 21.793 | VV | 24718  | 389962  | 5.71%  | 0.280% |
| 343 | 21.800 | 21.793 | 21.808 | VV | 19965  | 184883  | 2.71%  | 0.133% |
| 344 | 21.815 | 21.808 | 21.834 | VV | 21509  | 289665  | 4.24%  | 0.208% |
| 345 | 21.851 | 21.834 | 21.871 | VV | 19853  | 418271  | 6.13%  | 0.301% |
| 346 | 21.901 | 21.871 | 21.915 | VV | 20057  | 478308  | 7.01%  | 0.344% |
| 347 | 21.922 | 21.915 | 21.965 | VV | 19864  | 503936  | 7.38%  | 0.362% |
| 348 | 21.972 | 21.965 | 22.014 | VV | 15987  | 332440  | 4.87%  | 0.239% |
| 349 | 22.025 | 22.014 | 22.038 | VV | 9081   | 93044   | 1.36%  | 0.067% |
| 350 | 22.045 | 22.038 | 22.061 | VV | 8611   | 68000   | 1.00%  | 0.049% |
| 351 | 22.072 | 22.061 | 22.087 | VV | 7790   | 82155   | 1.20%  | 0.059% |

|     |        |        |        |    |                         |        |           |        |
|-----|--------|--------|--------|----|-------------------------|--------|-----------|--------|
|     |        |        |        |    | rteres                  |        |           |        |
| 352 | 22.100 | 22.087 | 22.110 | VV | 6471                    | 64644  | 0.95%     | 0.046% |
| 353 | 22.128 | 22.110 | 22.162 | VV | 6732                    | 152371 | 2.23%     | 0.110% |
|     |        |        |        |    | Sum of corrected areas: |        | 139042064 |        |

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