

rteres

## Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE052424AL\  
 Data File : FE048382.D  
 Signal(s) : FID1B.ch  
 Acq On : 24 May 2024 10:27  
 Sample : P2580-01DL 5X  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 042724.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         | 3.149       | 3.104        | 3.182      | BV       | 155            | 2796         | 0.05%          | 0.005%        |
| 2         | 3.205       | 3.182        | 3.241      | PV       | 196            | 3119         | 0.05%          | 0.006%        |
| 3         | 3.248       | 3.241        | 3.288      | VV       | 154            | 1403         | 0.02%          | 0.003%        |
| 4         | 3.300       | 3.288        | 3.314      | PV       | 98             | 870          | 0.01%          | 0.002%        |
| 5         | 3.340       | 3.314        | 3.380      | VV       | 353            | 6894         | 0.11%          | 0.013%        |
| 6         | 3.393       | 3.380        | 3.468      | VV       | 144            | 4731         | 0.08%          | 0.009%        |
| 7         | 3.486       | 3.468        | 3.531      | PV       | 180            | 3972         | 0.07%          | 0.007%        |
| 8         | 3.541       | 3.531        | 3.634      | VV       | 147            | 7557         | 0.13%          | 0.014%        |
| 9         | 3.655       | 3.634        | 3.722      | VV       | 290            | 7819         | 0.13%          | 0.014%        |
| 10        | 3.733       | 3.722        | 3.769      | VV       | 131            | 3243         | 0.05%          | 0.006%        |
| 11        | 3.787       | 3.769        | 3.798      | VV       | 405            | 3972         | 0.07%          | 0.007%        |
| 12        | 3.810       | 3.798        | 3.855      | VV       | 254            | 5383         | 0.09%          | 0.010%        |
| 13        | 3.865       | 3.855        | 3.898      | VV       | 194            | 3153         | 0.05%          | 0.006%        |
| 14        | 3.926       | 3.898        | 3.974      | PV       | 374            | 7566         | 0.13%          | 0.014%        |
| 15        | 3.976       | 3.974        | 4.001      | VBA      | 144            | -127         | -0.00%         | -0.000%       |
| 16        | 4.027       | 4.001        | 4.046      | BV       | 293            | 4322         | 0.07%          | 0.008%        |
| 17        | 4.056       | 4.046        | 4.098      | VV       | 275            | 2921         | 0.05%          | 0.005%        |
| 18        | 4.132       | 4.098        | 4.149      | PV       | 578            | 6072         | 0.10%          | 0.011%        |
| 19        | 4.162       | 4.149        | 4.175      | VV       | 319            | 3406         | 0.06%          | 0.006%        |
| 20        | 4.184       | 4.175        | 4.217      | VV       | 278            | 5265         | 0.09%          | 0.010%        |
| 21        | 4.242       | 4.217        | 4.271      | VV       | 395            | 5998         | 0.10%          | 0.011%        |
| 22        | 4.284       | 4.271        | 4.295      | VV       | 117            | 1306         | 0.02%          | 0.002%        |
| 23        | 4.331       | 4.295        | 4.349      | VV       | 706            | 13054        | 0.22%          | 0.024%        |
| 24        | 4.363       | 4.349        | 4.392      | VV       | 479            | 7443         | 0.12%          | 0.014%        |
| 25        | 4.399       | 4.392        | 4.453      | VV       | 245            | 4937         | 0.08%          | 0.009%        |
| 26        | 4.532       | 4.453        | 4.556      | VV       | 367            | 10100        | 0.17%          | 0.019%        |
| 27        | 4.590       | 4.556        | 4.615      | VV       | 935            | 13896        | 0.23%          | 0.026%        |
| 28        | 4.631       | 4.615        | 4.651      | VV       | 601            | 6576         | 0.11%          | 0.012%        |
| 29        | 4.670       | 4.651        | 4.690      | VV       | 418            | 5888         | 0.10%          | 0.011%        |
| 30        | 4.709       | 4.690        | 4.731      | VV       | 229            | 3296         | 0.05%          | 0.006%        |
| 31        | 4.752       | 4.731        | 4.790      | PV       | 217            | 5156         | 0.09%          | 0.009%        |

|    |       |       |       |    |        |       |       |        |
|----|-------|-------|-------|----|--------|-------|-------|--------|
|    |       |       |       |    | rteres |       |       |        |
| 32 | 4.808 | 4.790 | 4.824 | VV | 219    | 3255  | 0.05% | 0.006% |
| 33 | 4.837 | 4.824 | 4.861 | VV | 223    | 3271  | 0.05% | 0.006% |
| 34 | 4.874 | 4.861 | 4.887 | VV | 580    | 5873  | 0.10% | 0.011% |
| 35 | 4.899 | 4.887 | 4.918 | VV | 435    | 5651  | 0.09% | 0.010% |
| 36 | 4.931 | 4.918 | 4.944 | VV | 393    | 5267  | 0.09% | 0.010% |
| 37 | 4.956 | 4.944 | 4.991 | VV | 464    | 9386  | 0.16% | 0.017% |
| 38 | 5.007 | 4.991 | 5.024 | VV | 767    | 9214  | 0.15% | 0.017% |
| 39 | 5.051 | 5.024 | 5.078 | VV | 662    | 12197 | 0.20% | 0.022% |
| 40 | 5.099 | 5.078 | 5.142 | VV | 828    | 16379 | 0.27% | 0.030% |
| 41 | 5.171 | 5.142 | 5.189 | PV | 504    | 6243  | 0.10% | 0.011% |
| 42 | 5.203 | 5.189 | 5.238 | VV | 259    | 3008  | 0.05% | 0.006% |
| 43 | 5.266 | 5.238 | 5.281 | VV | 288    | 4183  | 0.07% | 0.008% |
| 44 | 5.297 | 5.281 | 5.325 | VV | 765    | 10897 | 0.18% | 0.020% |
| 45 | 5.345 | 5.325 | 5.360 | VV | 592    | 6746  | 0.11% | 0.012% |
| 46 | 5.376 | 5.360 | 5.393 | VV | 634    | 7511  | 0.12% | 0.014% |
| 47 | 5.409 | 5.393 | 5.487 | VV | 558    | 8056  | 0.13% | 0.015% |
| 48 | 5.510 | 5.487 | 5.520 | PV | 302    | 3575  | 0.06% | 0.007% |
| 49 | 5.532 | 5.520 | 5.558 | VV | 427    | 6106  | 0.10% | 0.011% |
| 50 | 5.577 | 5.558 | 5.591 | VV | 543    | 7992  | 0.13% | 0.015% |
| 51 | 5.605 | 5.591 | 5.622 | VV | 616    | 6701  | 0.11% | 0.012% |
| 52 | 5.668 | 5.622 | 5.687 | VV | 312    | 6463  | 0.11% | 0.012% |
| 53 | 5.726 | 5.687 | 5.784 | VV | 1591   | 37700 | 0.63% | 0.069% |
| 54 | 5.798 | 5.784 | 5.834 | VV | 292    | 3978  | 0.07% | 0.007% |
| 55 | 5.854 | 5.834 | 5.894 | PV | 127    | 2894  | 0.05% | 0.005% |
| 56 | 5.914 | 5.894 | 5.944 | VV | 1073   | 15737 | 0.26% | 0.029% |
| 57 | 5.951 | 5.944 | 5.971 | VV | 300    | 2786  | 0.05% | 0.005% |
| 58 | 5.992 | 5.971 | 6.002 | VV | 377    | 4019  | 0.07% | 0.007% |
| 59 | 6.021 | 6.002 | 6.064 | VV | 1350   | 26874 | 0.45% | 0.049% |
| 60 | 6.077 | 6.064 | 6.098 | VV | 343    | 5270  | 0.09% | 0.010% |
| 61 | 6.116 | 6.098 | 6.143 | VV | 1549   | 18663 | 0.31% | 0.034% |
| 62 | 6.159 | 6.143 | 6.182 | VV | 545    | 8080  | 0.13% | 0.015% |
| 63 | 6.206 | 6.182 | 6.225 | VV | 634    | 8209  | 0.14% | 0.015% |
| 64 | 6.257 | 6.225 | 6.281 | PV | 805    | 13869 | 0.23% | 0.026% |
| 65 | 6.301 | 6.281 | 6.323 | VV | 525    | 10013 | 0.17% | 0.018% |
| 66 | 6.371 | 6.323 | 6.421 | VV | 1887   | 45198 | 0.75% | 0.083% |
| 67 | 6.442 | 6.421 | 6.514 | VV | 1043   | 36331 | 0.60% | 0.067% |
| 68 | 6.529 | 6.514 | 6.560 | VV | 838    | 14196 | 0.24% | 0.026% |
| 69 | 6.583 | 6.560 | 6.612 | VV | 865    | 15840 | 0.26% | 0.029% |
| 70 | 6.631 | 6.612 | 6.648 | VV | 490    | 6995  | 0.12% | 0.013% |
| 71 | 6.684 | 6.648 | 6.715 | VV | 1176   | 22464 | 0.37% | 0.041% |
| 72 | 6.724 | 6.715 | 6.735 | VV | 308    | 3304  | 0.05% | 0.006% |
| 73 | 6.757 | 6.735 | 6.827 | VV | 1446   | 27878 | 0.46% | 0.051% |
| 74 | 6.844 | 6.827 | 6.858 | VV | 488    | 5848  | 0.10% | 0.011% |
| 75 | 6.883 | 6.858 | 6.896 | VV | 1393   | 18368 | 0.30% | 0.034% |
| 76 | 6.908 | 6.896 | 6.939 | VV | 1147   | 16104 | 0.27% | 0.030% |
| 77 | 6.958 | 6.939 | 6.974 | VV | 740    | 9287  | 0.15% | 0.017% |
| 78 | 6.983 | 6.974 | 7.001 | VV | 383    | 3692  | 0.06% | 0.007% |
| 79 | 7.042 | 7.001 | 7.064 | VV | 1294   | 18077 | 0.30% | 0.033% |

|     |       |       |       |    |               |       |       |        |
|-----|-------|-------|-------|----|---------------|-------|-------|--------|
| 80  | 7.104 | 7.064 | 7.135 | VV | rteres<br>782 | 17121 | 0.28% | 0.032% |
| 81  | 7.166 | 7.135 | 7.194 | VV | 2668          | 32450 | 0.54% | 0.060% |
| 82  | 7.205 | 7.194 | 7.217 | VV | 213           | 2297  | 0.04% | 0.004% |
| 83  | 7.240 | 7.217 | 7.257 | VV | 686           | 9979  | 0.17% | 0.018% |
| 84  | 7.288 | 7.257 | 7.309 | VV | 925           | 17236 | 0.29% | 0.032% |
| 85  | 7.331 | 7.309 | 7.359 | VV | 1285          | 17903 | 0.30% | 0.033% |
| 86  | 7.399 | 7.359 | 7.423 | VV | 1613          | 28638 | 0.48% | 0.053% |
| 87  | 7.437 | 7.423 | 7.457 | VV | 520           | 7864  | 0.13% | 0.014% |
| 88  | 7.477 | 7.457 | 7.517 | VV | 1417          | 23205 | 0.39% | 0.043% |
| 89  | 7.536 | 7.517 | 7.561 | VV | 792           | 12430 | 0.21% | 0.023% |
| 90  | 7.578 | 7.561 | 7.595 | VV | 674           | 8388  | 0.14% | 0.015% |
| 91  | 7.610 | 7.595 | 7.638 | VV | 426           | 7609  | 0.13% | 0.014% |
| 92  | 7.704 | 7.638 | 7.729 | VV | 2668          | 60860 | 1.01% | 0.112% |
| 93  | 7.744 | 7.729 | 7.767 | VV | 698           | 13017 | 0.22% | 0.024% |
| 94  | 7.777 | 7.767 | 7.818 | VV | 603           | 12289 | 0.20% | 0.023% |
| 95  | 7.829 | 7.818 | 7.847 | VV | 228           | 3140  | 0.05% | 0.006% |
| 96  | 7.879 | 7.847 | 7.921 | VV | 1575          | 29501 | 0.49% | 0.054% |
| 97  | 7.934 | 7.921 | 7.953 | VV | 688           | 7884  | 0.13% | 0.015% |
| 98  | 7.974 | 7.953 | 7.988 | PV | 322           | 4180  | 0.07% | 0.008% |
| 99  | 8.137 | 8.121 | 8.174 | VV | 1360          | 33458 | 0.56% | 0.062% |
| 100 | 8.181 | 8.174 | 8.205 | VV | 922           | 14031 | 0.23% | 0.026% |
| 101 | 8.229 | 8.205 | 8.251 | VV | 1018          | 18093 | 0.30% | 0.033% |
| 102 | 8.277 | 8.251 | 8.301 | VV | 1074          | 19026 | 0.32% | 0.035% |
| 103 | 8.318 | 8.301 | 8.328 | VV | 1458          | 17179 | 0.29% | 0.032% |
| 104 | 8.338 | 8.328 | 8.371 | VV | 1396          | 19147 | 0.32% | 0.035% |
| 105 | 8.404 | 8.371 | 8.448 | VV | 1899          | 37386 | 0.62% | 0.069% |
| 106 | 8.455 | 8.448 | 8.476 | VV | 545           | 8887  | 0.15% | 0.016% |
| 107 | 8.519 | 8.476 | 8.550 | VV | 1750          | 49001 | 0.81% | 0.090% |
| 108 | 8.585 | 8.550 | 8.616 | VV | 4303          | 78596 | 1.30% | 0.145% |
| 109 | 8.628 | 8.616 | 8.648 | VV | 1125          | 15018 | 0.25% | 0.028% |
| 110 | 8.692 | 8.648 | 8.721 | VV | 919           | 28338 | 0.47% | 0.052% |
| 111 | 8.750 | 8.721 | 8.763 | VV | 884           | 16074 | 0.27% | 0.030% |
| 112 | 8.774 | 8.763 | 8.789 | VV | 765           | 8929  | 0.15% | 0.016% |
| 113 | 8.809 | 8.789 | 8.850 | VV | 1172          | 21620 | 0.36% | 0.040% |
| 114 | 8.993 | 8.975 | 9.019 | VV | 1481          | 37015 | 0.61% | 0.068% |
| 115 | 9.040 | 9.019 | 9.061 | VV | 1493          | 32750 | 0.54% | 0.060% |
| 116 | 9.074 | 9.061 | 9.097 | VV | 1309          | 24892 | 0.41% | 0.046% |
| 117 | 9.123 | 9.097 | 9.154 | VV | 2813          | 49144 | 0.82% | 0.091% |
| 118 | 9.179 | 9.154 | 9.219 | VV | 829           | 25289 | 0.42% | 0.047% |
| 119 | 9.237 | 9.219 | 9.257 | VV | 817           | 15910 | 0.26% | 0.029% |
| 120 | 9.273 | 9.257 | 9.293 | VV | 855           | 14817 | 0.25% | 0.027% |
| 121 | 9.348 | 9.293 | 9.376 | VV | 883           | 35319 | 0.59% | 0.065% |
| 122 | 9.411 | 9.376 | 9.434 | VV | 6047          | 81524 | 1.35% | 0.150% |
| 123 | 9.447 | 9.434 | 9.482 | VV | 1485          | 33541 | 0.56% | 0.062% |
| 124 | 9.498 | 9.482 | 9.525 | VV | 726           | 13557 | 0.22% | 0.025% |
| 125 | 9.564 | 9.525 | 9.579 | VV | 653           | 14246 | 0.24% | 0.026% |
| 126 | 9.597 | 9.579 | 9.607 | VV | 664           | 8249  | 0.14% | 0.015% |

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|-----|--------|--------|--------|----|--------|--------|--------|--------|
|     |        |        |        |    | rteres |        |        |        |
| 127 | 9.615  | 9.607  | 9.630  | VV | 663    | 6495   | 0.11%  | 0.012% |
| 128 | 9.646  | 9.630  | 9.683  | VV | 656    | 13205  | 0.22%  | 0.024% |
| 129 | 9.699  | 9.683  | 9.731  | VV | 768    | 13121  | 0.22%  | 0.024% |
| 130 | 9.746  | 9.731  | 9.764  | VV | 535    | 8520   | 0.14%  | 0.016% |
| 131 | 9.789  | 9.764  | 9.821  | VV | 1596   | 32551  | 0.54%  | 0.060% |
| 132 | 9.832  | 9.821  | 9.842  | VV | 686    | 7873   | 0.13%  | 0.014% |
| 133 | 9.868  | 9.842  | 9.901  | VV | 1413   | 31049  | 0.52%  | 0.057% |
| 134 | 9.918  | 9.901  | 9.939  | VV | 1030   | 16725  | 0.28%  | 0.031% |
| 135 | 9.971  | 9.939  | 10.002 | VV | 1103   | 24986  | 0.41%  | 0.046% |
| 136 | 10.026 | 10.002 | 10.061 | VV | 459    | 10274  | 0.17%  | 0.019% |
| 137 | 10.074 | 10.061 | 10.088 | VV | 354    | 3919   | 0.07%  | 0.007% |
| 138 | 10.146 | 10.088 | 10.168 | VV | 1038   | 33665  | 0.56%  | 0.062% |
| 139 | 10.192 | 10.168 | 10.244 | VV | 7265   | 95760  | 1.59%  | 0.176% |
| 140 | 10.263 | 10.244 | 10.288 | VV | 429    | 9648   | 0.16%  | 0.018% |
| 141 | 10.297 | 10.288 | 10.341 | VV | 495    | 7282   | 0.12%  | 0.013% |
| 142 | 10.368 | 10.341 | 10.433 | PV | 424    | 9546   | 0.16%  | 0.018% |
| 143 | 10.465 | 10.433 | 10.494 | VV | 349    | 5652   | 0.09%  | 0.010% |
| 144 | 10.537 | 10.494 | 10.556 | VV | 808    | 14848  | 0.25%  | 0.027% |
| 145 | 10.581 | 10.556 | 10.611 | VV | 3083   | 47069  | 0.78%  | 0.087% |
| 146 | 10.634 | 10.611 | 10.652 | VV | 1075   | 18089  | 0.30%  | 0.033% |
| 147 | 10.670 | 10.652 | 10.694 | VV | 1301   | 18822  | 0.31%  | 0.035% |
| 148 | 10.725 | 10.694 | 10.757 | VV | 1135   | 21199  | 0.35%  | 0.039% |
| 149 | 10.784 | 10.757 | 10.798 | VV | 381    | 5178   | 0.09%  | 0.010% |
| 150 | 10.864 | 10.798 | 10.895 | VV | 757    | 28941  | 0.48%  | 0.053% |
| 151 | 10.931 | 10.895 | 10.961 | VV | 7675   | 99017  | 1.64%  | 0.182% |
| 152 | 10.985 | 10.961 | 10.993 | VV | 3069   | 37714  | 0.63%  | 0.069% |
| 153 | 11.002 | 10.993 | 11.048 | VV | 3239   | 49725  | 0.83%  | 0.092% |
| 154 | 11.051 | 11.048 | 11.084 | VV | 499    | 6844   | 0.11%  | 0.013% |
| 155 | 11.095 | 11.084 | 11.104 | PV | 111    | 1004   | 0.02%  | 0.002% |
| 156 | 11.115 | 11.104 | 11.121 | VV | 170    | 1343   | 0.02%  | 0.002% |
| 157 | 11.150 | 11.121 | 11.168 | VV | 482    | 8363   | 0.14%  | 0.015% |
| 158 | 11.191 | 11.168 | 11.231 | VV | 1469   | 26438  | 0.44%  | 0.049% |
| 159 | 11.268 | 11.231 | 11.290 | VV | 1090   | 24772  | 0.41%  | 0.046% |
| 160 | 11.325 | 11.290 | 11.366 | VV | 1288   | 33193  | 0.55%  | 0.061% |
| 161 | 11.386 | 11.366 | 11.420 | VV | 767    | 12894  | 0.21%  | 0.024% |
| 162 | 11.439 | 11.420 | 11.461 | VV | 740    | 9578   | 0.16%  | 0.018% |
| 163 | 11.489 | 11.461 | 11.520 | VV | 523    | 9933   | 0.16%  | 0.018% |
| 164 | 11.561 | 11.520 | 11.608 | VV | 624    | 18078  | 0.30%  | 0.033% |
| 165 | 11.635 | 11.608 | 11.671 | VV | 6914   | 88258  | 1.46%  | 0.163% |
| 166 | 11.685 | 11.671 | 11.699 | VV | 834    | 10925  | 0.18%  | 0.020% |
| 167 | 11.725 | 11.699 | 11.774 | VV | 2660   | 42635  | 0.71%  | 0.079% |
| 168 | 11.789 | 11.774 | 11.807 | VV | 302    | 3276   | 0.05%  | 0.006% |
| 169 | 11.836 | 11.807 | 11.861 | PV | 369    | 6473   | 0.11%  | 0.012% |
| 170 | 11.880 | 11.861 | 11.905 | VV | 408    | 7676   | 0.13%  | 0.014% |
| 171 | 11.955 | 11.905 | 12.009 | VV | 85843  | 956199 | 15.87% | 1.761% |
| 172 | 12.028 | 12.009 | 12.055 | VV | 1294   | 20877  | 0.35%  | 0.038% |
| 173 | 12.069 | 12.055 | 12.085 | VV | 553    | 7627   | 0.13%  | 0.014% |
| 174 | 12.116 | 12.085 | 12.136 | VV | 1117   | 19666  | 0.33%  | 0.036% |

|     |        |        |        |    |        |         |         |         |
|-----|--------|--------|--------|----|--------|---------|---------|---------|
| 175 | 12.144 | 12.136 | 12.154 | VV | 548    | 5157    | 0.09%   | 0.009%  |
| 176 | 12.194 | 12.154 | 12.221 | VV | 4641   | 65507   | 1.09%   | 0.121%  |
| 177 | 12.239 | 12.221 | 12.263 | VV | 357    | 6126    | 0.10%   | 0.011%  |
| 178 | 12.304 | 12.263 | 12.326 | VV | 5822   | 81571   | 1.35%   | 0.150%  |
| 179 | 12.356 | 12.326 | 12.478 | VV | 140700 | 1636324 | 27.16%  | 3.014%  |
| 180 | 12.496 | 12.478 | 12.510 | PV | 290    | 3508    | 0.06%   | 0.006%  |
| 181 | 12.548 | 12.510 | 12.621 | VV | 7135   | 114669  | 1.90%   | 0.211%  |
| 182 | 12.640 | 12.621 | 12.656 | VV | 1107   | 13882   | 0.23%   | 0.026%  |
| 183 | 12.674 | 12.656 | 12.701 | VV | 920    | 17564   | 0.29%   | 0.032%  |
| 184 | 12.714 | 12.701 | 12.744 | VV | 696    | 11335   | 0.19%   | 0.021%  |
| 185 | 12.791 | 12.744 | 12.806 | VV | 1176   | 25812   | 0.43%   | 0.048%  |
| 186 | 12.823 | 12.806 | 12.851 | VV | 1701   | 23698   | 0.39%   | 0.044%  |
| 187 | 12.893 | 12.851 | 12.914 | VV | 967    | 19655   | 0.33%   | 0.036%  |
| 188 | 12.943 | 12.914 | 12.976 | VV | 5568   | 79308   | 1.32%   | 0.146%  |
| 189 | 13.006 | 12.976 | 13.076 | VV | 3326   | 74052   | 1.23%   | 0.136%  |
| 190 | 13.087 | 13.076 | 13.121 | VV | 231    | 4208    | 0.07%   | 0.008%  |
| 191 | 13.137 | 13.121 | 13.158 | VV | 316    | 3365    | 0.06%   | 0.006%  |
| 192 | 13.200 | 13.158 | 13.234 | PV | 681    | 13184   | 0.22%   | 0.024%  |
| 193 | 13.262 | 13.234 | 13.284 | VV | 451    | 9247    | 0.15%   | 0.017%  |
| 194 | 13.310 | 13.284 | 13.333 | PV | 2726   | 38868   | 0.65%   | 0.072%  |
| 195 | 13.378 | 13.333 | 13.411 | VV | 413872 | 6025656 | 100.00% | 11.097% |
| 196 | 13.434 | 13.411 | 13.513 | VV | 399501 | 5093147 | 84.52%  | 9.380%  |
| 197 | 13.523 | 13.513 | 13.534 | VV | 1787   | 20465   | 0.34%   | 0.038%  |
| 198 | 13.567 | 13.534 | 13.584 | VV | 11210  | 183619  | 3.05%   | 0.338%  |
| 199 | 13.610 | 13.584 | 13.689 | VV | 81809  | 1208065 | 20.05%  | 2.225%  |
| 200 | 13.700 | 13.689 | 13.749 | VV | 1423   | 31541   | 0.52%   | 0.058%  |
| 201 | 13.784 | 13.749 | 13.814 | VV | 2360   | 46791   | 0.78%   | 0.086%  |
| 202 | 13.832 | 13.814 | 13.852 | VV | 984    | 17869   | 0.30%   | 0.033%  |
| 203 | 13.861 | 13.852 | 13.871 | VV | 535    | 5083    | 0.08%   | 0.009%  |
| 204 | 13.905 | 13.871 | 13.968 | VV | 4320   | 80244   | 1.33%   | 0.148%  |
| 205 | 13.981 | 13.968 | 13.991 | VV | 551    | 6097    | 0.10%   | 0.011%  |
| 206 | 14.015 | 13.991 | 14.030 | VV | 897    | 15642   | 0.26%   | 0.029%  |
| 207 | 14.046 | 14.030 | 14.071 | VV | 776    | 14581   | 0.24%   | 0.027%  |
| 208 | 14.090 | 14.071 | 14.116 | VV | 745    | 11923   | 0.20%   | 0.022%  |
| 209 | 14.142 | 14.116 | 14.163 | VV | 4508   | 66827   | 1.11%   | 0.123%  |
| 210 | 14.183 | 14.163 | 14.215 | VV | 3280   | 66021   | 1.10%   | 0.122%  |
| 211 | 14.256 | 14.215 | 14.314 | VV | 2829   | 67874   | 1.13%   | 0.125%  |
| 212 | 14.368 | 14.314 | 14.393 | PV | 988    | 26962   | 0.45%   | 0.050%  |
| 213 | 14.425 | 14.393 | 14.435 | VV | 4198   | 58299   | 0.97%   | 0.107%  |
| 214 | 14.444 | 14.435 | 14.491 | VV | 4068   | 61142   | 1.01%   | 0.113%  |
| 215 | 14.550 | 14.491 | 14.570 | VV | 1650   | 58023   | 0.96%   | 0.107%  |
| 216 | 14.595 | 14.570 | 14.644 | VV | 5130   | 96423   | 1.60%   | 0.178%  |
| 217 | 14.654 | 14.644 | 14.676 | VV | 918    | 13920   | 0.23%   | 0.026%  |
| 218 | 14.703 | 14.676 | 14.728 | VV | 3873   | 53562   | 0.89%   | 0.099%  |
| 219 | 14.762 | 14.728 | 14.801 | VV | 8103   | 140140  | 2.33%   | 0.258%  |
| 220 | 14.820 | 14.801 | 14.854 | VV | 3013   | 50409   | 0.84%   | 0.093%  |
| 221 | 14.874 | 14.854 | 14.896 | VV | 1572   | 23379   | 0.39%   | 0.043%  |

|     |        |        |        |    |        |        |       |        |
|-----|--------|--------|--------|----|--------|--------|-------|--------|
|     |        |        |        |    | rteres |        |       |        |
| 222 | 14.924 | 14.896 | 14.938 | VV | 566    | 10262  | 0.17% | 0.019% |
| 223 | 14.961 | 14.938 | 14.978 | VV | 380    | 7558   | 0.13% | 0.014% |
| 224 | 14.998 | 14.978 | 15.024 | VV | 464    | 7554   | 0.13% | 0.014% |
| 225 | 15.030 | 15.024 | 15.039 | VV | 204    | 1420   | 0.02% | 0.003% |
| 226 | 15.101 | 15.039 | 15.114 | VV | 267    | 6648   | 0.11% | 0.012% |
| 227 | 15.134 | 15.114 | 15.151 | PV | 415    | 5146   | 0.09% | 0.009% |
| 228 | 15.240 | 15.151 | 15.276 | VV | 7092   | 147562 | 2.45% | 0.272% |
| 229 | 15.332 | 15.276 | 15.367 | VV | 767    | 33724  | 0.56% | 0.062% |
| 230 | 15.385 | 15.367 | 15.409 | VV | 524    | 8933   | 0.15% | 0.016% |
| 231 | 15.428 | 15.409 | 15.452 | VV | 344    | 4438   | 0.07% | 0.008% |
| 232 | 15.504 | 15.452 | 15.533 | PV | 425    | 7289   | 0.12% | 0.013% |
| 233 | 15.577 | 15.533 | 15.596 | VV | 280    | 7469   | 0.12% | 0.014% |
| 234 | 15.631 | 15.596 | 15.704 | PV | 2497   | 65897  | 1.09% | 0.121% |
| 235 | 15.714 | 15.704 | 15.728 | VV | 268    | 2865   | 0.05% | 0.005% |
| 236 | 15.762 | 15.728 | 15.798 | VV | 2874   | 44096  | 0.73% | 0.081% |
| 237 | 15.822 | 15.798 | 15.881 | VV | 5149   | 84765  | 1.41% | 0.156% |
| 238 | 15.903 | 15.881 | 15.925 | VV | 946    | 14685  | 0.24% | 0.027% |
| 239 | 15.995 | 15.925 | 16.004 | PV | 499    | 11842  | 0.20% | 0.022% |
| 240 | 16.024 | 16.004 | 16.041 | VV | 739    | 10493  | 0.17% | 0.019% |
| 241 | 16.085 | 16.041 | 16.104 | VV | 448    | 11031  | 0.18% | 0.020% |
| 242 | 16.159 | 16.104 | 16.174 | VV | 506    | 10497  | 0.17% | 0.019% |
| 243 | 16.195 | 16.174 | 16.211 | VV | 380    | 5711   | 0.09% | 0.011% |
| 244 | 16.227 | 16.211 | 16.237 | VV | 466    | 6003   | 0.10% | 0.011% |
| 245 | 16.264 | 16.237 | 16.303 | VV | 2682   | 46534  | 0.77% | 0.086% |
| 246 | 16.324 | 16.303 | 16.349 | VV | 1026   | 18424  | 0.31% | 0.034% |
| 247 | 16.462 | 16.349 | 16.497 | VV | 828    | 24289  | 0.40% | 0.045% |
| 248 | 16.513 | 16.497 | 16.524 | VV | 249    | 2587   | 0.04% | 0.005% |
| 249 | 16.575 | 16.524 | 16.588 | PV | 638    | 18084  | 0.30% | 0.033% |
| 250 | 16.644 | 16.588 | 16.691 | VV | 933    | 29138  | 0.48% | 0.054% |
| 251 | 16.747 | 16.691 | 16.783 | PV | 3921   | 68079  | 1.13% | 0.125% |
| 252 | 16.807 | 16.783 | 16.830 | VV | 2132   | 32534  | 0.54% | 0.060% |
| 253 | 16.874 | 16.830 | 16.891 | VV | 804    | 18481  | 0.31% | 0.034% |
| 254 | 16.918 | 16.891 | 16.933 | VV | 877    | 15383  | 0.26% | 0.028% |
| 255 | 16.968 | 16.933 | 16.993 | VV | 985    | 19834  | 0.33% | 0.037% |
| 256 | 17.072 | 16.993 | 17.087 | PV | 998    | 25188  | 0.42% | 0.046% |
| 257 | 17.101 | 17.087 | 17.114 | VV | 969    | 11643  | 0.19% | 0.021% |
| 258 | 17.128 | 17.114 | 17.153 | VV | 692    | 9638   | 0.16% | 0.018% |
| 259 | 17.212 | 17.153 | 17.228 | PV | 3626   | 60498  | 1.00% | 0.111% |
| 260 | 17.243 | 17.228 | 17.265 | VV | 2064   | 37565  | 0.62% | 0.069% |
| 261 | 17.273 | 17.265 | 17.301 | VV | 1397   | 20977  | 0.35% | 0.039% |
| 262 | 17.464 | 17.301 | 17.494 | VV | 1570   | 88865  | 1.47% | 0.164% |
| 263 | 17.540 | 17.494 | 17.565 | VV | 1617   | 43448  | 0.72% | 0.080% |
| 264 | 17.610 | 17.565 | 17.619 | VV | 1363   | 35861  | 0.60% | 0.066% |
| 265 | 17.662 | 17.619 | 17.684 | VV | 4497   | 93836  | 1.56% | 0.173% |
| 266 | 17.707 | 17.684 | 17.724 | VV | 1151   | 22289  | 0.37% | 0.041% |
| 267 | 17.738 | 17.724 | 17.757 | VV | 1243   | 19044  | 0.32% | 0.035% |
| 268 | 17.783 | 17.757 | 17.807 | VV | 1938   | 37092  | 0.62% | 0.068% |
| 269 | 17.841 | 17.807 | 17.874 | VV | 1553   | 33424  | 0.55% | 0.062% |

|     |        |        |        |    |               |         |        |        |
|-----|--------|--------|--------|----|---------------|---------|--------|--------|
| 270 | 17.905 | 17.874 | 17.917 | VV | rteres<br>534 | 10689   | 0.18%  | 0.020% |
| 271 | 17.936 | 17.917 | 17.969 | PV | 929           | 15029   | 0.25%  | 0.028% |
| 272 | 18.009 | 17.969 | 18.020 | PV | 1526          | 25120   | 0.42%  | 0.046% |
| 273 | 18.051 | 18.020 | 18.060 | VV | 1154          | 24665   | 0.41%  | 0.045% |
| 274 | 18.101 | 18.060 | 18.136 | VV | 6068          | 113250  | 1.88%  | 0.209% |
| 275 | 18.157 | 18.136 | 18.167 | PV | 754           | 7854    | 0.13%  | 0.014% |
| 276 | 18.190 | 18.167 | 18.208 | VV | 1119          | 15029   | 0.25%  | 0.028% |
| 277 | 18.254 | 18.208 | 18.331 | VV | 7451          | 171654  | 2.85%  | 0.316% |
| 278 | 18.369 | 18.331 | 18.380 | VV | 832           | 15808   | 0.26%  | 0.029% |
| 279 | 18.425 | 18.380 | 18.436 | VV | 1646          | 28828   | 0.48%  | 0.053% |
| 280 | 18.481 | 18.436 | 18.496 | VV | 2446          | 75443   | 1.25%  | 0.139% |
| 281 | 18.523 | 18.496 | 18.551 | VV | 6116          | 92033   | 1.53%  | 0.169% |
| 282 | 18.621 | 18.551 | 18.642 | VV | 6103          | 109459  | 1.82%  | 0.202% |
| 283 | 18.658 | 18.642 | 18.684 | VV | 2461          | 43073   | 0.71%  | 0.079% |
| 284 | 18.695 | 18.684 | 18.703 | VV | 1402          | 14046   | 0.23%  | 0.026% |
| 285 | 18.751 | 18.703 | 18.764 | VV | 2306          | 59684   | 0.99%  | 0.110% |
| 286 | 18.933 | 18.764 | 18.972 | VV | 7827          | 289827  | 4.81%  | 0.534% |
| 287 | 19.042 | 18.972 | 19.067 | VV | 6828          | 197741  | 3.28%  | 0.364% |
| 288 | 19.091 | 19.067 | 19.122 | VV | 6427          | 150330  | 2.49%  | 0.277% |
| 289 | 19.143 | 19.122 | 19.154 | VV | 3245          | 59077   | 0.98%  | 0.109% |
| 290 | 19.224 | 19.154 | 19.258 | VV | 4357          | 234218  | 3.89%  | 0.431% |
| 291 | 19.329 | 19.258 | 19.351 | VV | 8854          | 313692  | 5.21%  | 0.578% |
| 292 | 19.372 | 19.351 | 19.403 | VV | 6719          | 165240  | 2.74%  | 0.304% |
| 293 | 19.444 | 19.403 | 19.465 | VV | 6891          | 206059  | 3.42%  | 0.379% |
| 294 | 19.550 | 19.465 | 19.567 | VV | 6910          | 367317  | 6.10%  | 0.676% |
| 295 | 19.642 | 19.567 | 19.653 | VV | 7538          | 360211  | 5.98%  | 0.663% |
| 296 | 19.714 | 19.653 | 19.734 | VV | 12981         | 450734  | 7.48%  | 0.830% |
| 297 | 19.752 | 19.734 | 19.778 | VV | 10929         | 264468  | 4.39%  | 0.487% |
| 298 | 19.848 | 19.778 | 19.873 | VV | 12962         | 631099  | 10.47% | 1.162% |
| 299 | 19.902 | 19.873 | 19.907 | VV | 11967         | 236906  | 3.93%  | 0.436% |
| 300 | 20.000 | 19.907 | 20.028 | VV | 14035         | 930904  | 15.45% | 1.714% |
| 301 | 20.088 | 20.028 | 20.111 | VV | 20562         | 826057  | 13.71% | 1.521% |
| 302 | 20.145 | 20.111 | 20.181 | VV | 19533         | 774056  | 12.85% | 1.426% |
| 303 | 20.265 | 20.181 | 20.285 | VV | 21210         | 1197928 | 19.88% | 2.206% |
| 304 | 20.368 | 20.285 | 20.411 | VV | 25157         | 1688637 | 28.02% | 3.110% |
| 305 | 20.454 | 20.411 | 20.484 | VV | 26375         | 1057665 | 17.55% | 1.948% |
| 306 | 20.534 | 20.484 | 20.551 | VV | 26930         | 1017859 | 16.89% | 1.875% |
| 307 | 20.668 | 20.551 | 20.682 | VV | 31313         | 2290868 | 38.02% | 4.219% |
| 308 | 20.696 | 20.682 | 20.711 | VV | 30690         | 530055  | 8.80%  | 0.976% |
| 309 | 20.814 | 20.711 | 20.845 | VV | 36182         | 2624900 | 43.56% | 4.834% |
| 310 | 20.866 | 20.845 | 20.904 | VV | 34031         | 1150074 | 19.09% | 2.118% |
| 311 | 20.939 | 20.904 | 20.998 | VV | 31973         | 1747238 | 29.00% | 3.218% |
| 312 | 21.054 | 20.998 | 21.073 | VV | 30913         | 1374668 | 22.81% | 2.532% |
| 313 | 21.089 | 21.073 | 21.170 | VV | 30626         | 1705964 | 28.31% | 3.142% |
| 314 | 21.195 | 21.170 | 21.246 | VV | 28861         | 1250638 | 20.76% | 2.303% |
| 315 | 21.261 | 21.246 | 21.272 | VV | 25908         | 397135  | 6.59%  | 0.731% |
| 316 | 21.292 | 21.272 | 21.339 | VV | 25841         | 1018995 | 16.91% | 1.877% |

|     |        |        |        |     |                         |          |        |        |
|-----|--------|--------|--------|-----|-------------------------|----------|--------|--------|
|     |        |        |        |     | rteres                  |          |        |        |
| 317 | 21.358 | 21.339 | 21.384 | VV  | 24105                   | 639829   | 10.62% | 1.178% |
| 318 | 21.391 | 21.384 | 21.434 | VV  | 23264                   | 663247   | 11.01% | 1.221% |
| 319 | 21.440 | 21.434 | 21.499 | VV  | 21193                   | 787766   | 13.07% | 1.451% |
| 320 | 21.514 | 21.499 | 21.547 | VV  | 18966                   | 524953   | 8.71%  | 0.967% |
| 321 | 21.567 | 21.547 | 21.578 | VV  | 17979                   | 339767   | 5.64%  | 0.626% |
| 322 | 21.624 | 21.578 | 21.665 | VV  | 18205                   | 894094   | 14.84% | 1.647% |
| 323 | 21.745 | 21.665 | 21.897 | VV  | 15038                   | 1765593  | 29.30% | 3.252% |
| 324 | 21.909 | 21.897 | 21.913 | VV  | 7589                    | 73571    | 1.22%  | 0.135% |
| 325 | 22.031 | 21.913 | 22.041 | VV  | 8538                    | 604421   | 10.03% | 1.113% |
| 326 | 22.068 | 22.041 | 22.086 | VV  | 8302                    | 220480   | 3.66%  | 0.406% |
| 327 | 22.111 | 22.086 | 22.213 | VV  | 8403                    | 382800   | 6.35%  | 0.705% |
| 328 | 22.227 | 22.213 | 22.244 | VV  | 1314                    | 20329    | 0.34%  | 0.037% |
| 329 | 22.269 | 22.244 | 22.301 | VBA | 1243                    | 124270   | 2.06%  | 0.229% |
|     |        |        |        |     | Sum of corrected areas: | 54298297 |        |        |

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