

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD110218AL\  
 Data File : FD026263.D  
 Signal(s) : FID2B.CH  
 Acq On : 03 Nov 2018 2:56  
 Sample : J5759-20  
 Misc :  
 ALS Vial : 72 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Alaphatic EPH 101818.M  
 Title : GC Extractables

Signal : FID2B.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         | 3.779       | 3.757        | 3.858      | PV       | 8578           | 79750        | 3.66%          | 0.151%        |
| 2         | 5.224       | 5.198        | 5.325      | VV       | 632            | 16899        | 0.78%          | 0.032%        |
| 3         | 5.385       | 5.349        | 5.436      | VV       | 539            | 10596        | 0.49%          | 0.020%        |
| 4         | 5.749       | 5.730        | 5.774      | VV       | 3323           | 34619        | 1.59%          | 0.065%        |
| 5         | 5.929       | 5.911        | 5.958      | VV       | 774            | 12665        | 0.58%          | 0.024%        |
| 6         | 5.970       | 5.958        | 6.027      | VV       | 389            | 10093        | 0.46%          | 0.019%        |
| 7         | 6.198       | 6.169        | 6.244      | VV       | 697            | 13193        | 0.61%          | 0.025%        |
| 8         | 6.800       | 6.777        | 6.837      | VV       | 2214           | 27681        | 1.27%          | 0.052%        |
| 9         | 6.896       | 6.866        | 6.915      | VV       | 756            | 13133        | 0.60%          | 0.025%        |
| 10        | 6.933       | 6.915        | 6.968      | VV       | 2061           | 23900        | 1.10%          | 0.045%        |
| 11        | 7.285       | 7.222        | 7.310      | VV       | 610            | 15110        | 0.69%          | 0.029%        |
| 12        | 7.528       | 7.490        | 7.566      | VV       | 1872           | 51027        | 2.34%          | 0.096%        |
| 13        | 7.577       | 7.566        | 7.635      | VV       | 487            | 13312        | 0.61%          | 0.025%        |
| 14        | 7.676       | 7.635        | 7.691      | VV       | 868            | 16046        | 0.74%          | 0.030%        |
| 15        | 7.704       | 7.691        | 7.755      | VV       | 813            | 16951        | 0.78%          | 0.032%        |
| 16        | 7.772       | 7.755        | 7.796      | VV       | 999            | 16033        | 0.74%          | 0.030%        |
| 17        | 7.889       | 7.864        | 7.905      | VV       | 2850           | 33683        | 1.55%          | 0.064%        |
| 18        | 7.917       | 7.905        | 7.934      | VV       | 1700           | 19388        | 0.89%          | 0.037%        |
| 19        | 7.948       | 7.934        | 7.964      | VV       | 1060           | 14804        | 0.68%          | 0.028%        |
| 20        | 7.981       | 7.964        | 8.001      | VV       | 1258           | 17746        | 0.82%          | 0.034%        |
| 21        | 8.034       | 8.001        | 8.055      | VV       | 14881          | 154358       | 7.09%          | 0.292%        |
| 22        | 8.068       | 8.055        | 8.107      | VV       | 3067           | 39007        | 1.79%          | 0.074%        |
| 23        | 8.126       | 8.107        | 8.143      | VV       | 1136           | 13328        | 0.61%          | 0.025%        |
| 24        | 8.363       | 8.336        | 8.390      | VV       | 6510           | 71494        | 3.28%          | 0.135%        |
| 25        | 8.417       | 8.390        | 8.436      | VV       | 1416           | 20773        | 0.95%          | 0.039%        |
| 26        | 8.483       | 8.463        | 8.499      | VV       | 947            | 12708        | 0.58%          | 0.024%        |
| 27        | 8.517       | 8.499        | 8.544      | VV       | 1045           | 14679        | 0.67%          | 0.028%        |
| 28        | 8.606       | 8.572        | 8.619      | VV       | 1652           | 23300        | 1.07%          | 0.044%        |
| 29        | 8.636       | 8.619        | 8.664      | VV       | 2745           | 32615        | 1.50%          | 0.062%        |
| 30        | 8.706       | 8.664        | 8.753      | VV       | 797            | 25162        | 1.16%          | 0.048%        |
| 31        | 8.775       | 8.753        | 8.787      | VV       | 1336           | 15953        | 0.73%          | 0.030%        |
| 32        | 8.811       | 8.787        | 8.858      | VV       | 2026           | 37144        | 1.71%          | 0.070%        |
| 33        | 8.929       | 8.901        | 8.945      | VV       | 1905           | 21934        | 1.01%          | 0.041%        |
| 34        | 8.959       | 8.945        | 8.972      | VV       | 1200           | 13035        | 0.60%          | 0.025%        |
| 35        | 8.994       | 8.972        | 9.027      | VV       | 1989           | 35344        | 1.62%          | 0.067%        |
| 36        | 9.063       | 9.027        | 9.115      | VV       | 1422           | 29456        | 1.35%          | 0.056%        |

| rteres.txt |        |        |        |    |        |         |         |        |
|------------|--------|--------|--------|----|--------|---------|---------|--------|
| 37         | 9.142  | 9.115  | 9.160  | VV | 5362   | 57697   | 2.65%   | 0.109% |
| 38         | 9.168  | 9.160  | 9.201  | VV | 1156   | 15583   | 0.72%   | 0.029% |
| 39         | 9.223  | 9.201  | 9.240  | VV | 1989   | 23212   | 1.07%   | 0.044% |
| 40         | 9.260  | 9.240  | 9.274  | VV | 1229   | 18123   | 0.83%   | 0.034% |
| 41         | 9.293  | 9.274  | 9.316  | VV | 2293   | 30901   | 1.42%   | 0.058% |
| 42         | 9.351  | 9.316  | 9.375  | VV | 1775   | 29198   | 1.34%   | 0.055% |
| 43         | 9.403  | 9.375  | 9.440  | VV | 468    | 14373   | 0.66%   | 0.027% |
| 44         | 9.466  | 9.440  | 9.507  | VV | 1974   | 35484   | 1.63%   | 0.067% |
| 45         | 9.522  | 9.507  | 9.538  | VV | 744    | 10928   | 0.50%   | 0.021% |
| 46         | 9.567  | 9.538  | 9.608  | VV | 3027   | 57677   | 2.65%   | 0.109% |
| 47         | 9.624  | 9.608  | 9.645  | VV | 689    | 10720   | 0.49%   | 0.020% |
| 48         | 9.729  | 9.691  | 9.779  | VV | 804    | 15864   | 0.73%   | 0.030% |
| 49         | 9.887  | 9.858  | 9.907  | VV | 828    | 10934   | 0.50%   | 0.021% |
| 50         | 9.960  | 9.907  | 9.976  | VV | 923    | 21639   | 0.99%   | 0.041% |
| 51         | 10.019 | 9.976  | 10.040 | VV | 2273   | 51088   | 2.35%   | 0.097% |
| 52         | 10.057 | 10.040 | 10.085 | VV | 1676   | 24436   | 1.12%   | 0.046% |
| 53         | 10.138 | 10.117 | 10.167 | VV | 1771   | 32979   | 1.52%   | 0.062% |
| 54         | 10.186 | 10.167 | 10.221 | VV | 2976   | 47565   | 2.19%   | 0.090% |
| 55         | 10.268 | 10.246 | 10.282 | VV | 998    | 15241   | 0.70%   | 0.029% |
| 56         | 10.309 | 10.282 | 10.324 | VV | 4119   | 57790   | 2.66%   | 0.109% |
| 57         | 10.338 | 10.324 | 10.358 | VV | 3686   | 48368   | 2.22%   | 0.091% |
| 58         | 10.385 | 10.358 | 10.420 | VV | 1839   | 43712   | 2.01%   | 0.083% |
| 59         | 10.438 | 10.420 | 10.456 | VV | 1521   | 20069   | 0.92%   | 0.038% |
| 60         | 10.532 | 10.478 | 10.580 | VV | 66544  | 691529  | 31.77%  | 1.307% |
| 61         | 10.605 | 10.580 | 10.626 | VV | 15060  | 159541  | 7.33%   | 0.302% |
| 62         | 10.634 | 10.626 | 10.657 | VV | 1660   | 18909   | 0.87%   | 0.036% |
| 63         | 10.720 | 10.657 | 10.745 | VV | 548    | 20502   | 0.94%   | 0.039% |
| 64         | 10.778 | 10.745 | 10.805 | VV | 1270   | 21401   | 0.98%   | 0.040% |
| 65         | 10.824 | 10.805 | 10.867 | VV | 4561   | 59884   | 2.75%   | 0.113% |
| 66         | 10.942 | 10.909 | 10.965 | VV | 935    | 21720   | 1.00%   | 0.041% |
| 67         | 11.012 | 10.990 | 11.030 | VV | 1897   | 27760   | 1.28%   | 0.052% |
| 68         | 11.051 | 11.030 | 11.065 | VV | 2121   | 33496   | 1.54%   | 0.063% |
| 69         | 11.075 | 11.065 | 11.118 | VV | 1861   | 32627   | 1.50%   | 0.062% |
| 70         | 11.137 | 11.118 | 11.161 | VV | 1495   | 19720   | 0.91%   | 0.037% |
| 71         | 11.184 | 11.161 | 11.207 | VV | 1623   | 23474   | 1.08%   | 0.044% |
| 72         | 11.222 | 11.207 | 11.245 | VV | 939    | 12792   | 0.59%   | 0.024% |
| 73         | 11.310 | 11.263 | 11.347 | VV | 196247 | 2176463 | 100.00% | 4.114% |
| 74         | 11.362 | 11.347 | 11.391 | VV | 11995  | 133857  | 6.15%   | 0.253% |
| 75         | 11.443 | 11.391 | 11.461 | VV | 9897   | 163319  | 7.50%   | 0.309% |
| 76         | 11.479 | 11.461 | 11.493 | VV | 7986   | 89171   | 4.10%   | 0.169% |
| 77         | 11.509 | 11.493 | 11.539 | VV | 9828   | 114806  | 5.27%   | 0.217% |
| 78         | 11.595 | 11.572 | 11.618 | VV | 1038   | 13172   | 0.61%   | 0.025% |
| 79         | 11.684 | 11.618 | 11.708 | VV | 5752   | 88685   | 4.07%   | 0.168% |
| 80         | 11.727 | 11.708 | 11.751 | VV | 1137   | 19763   | 0.91%   | 0.037% |
| 81         | 11.804 | 11.777 | 11.844 | VV | 6197   | 80458   | 3.70%   | 0.152% |
| 82         | 11.863 | 11.844 | 11.918 | VV | 1173   | 20424   | 0.94%   | 0.039% |
| 83         | 11.948 | 11.918 | 11.966 | VV | 1555   | 20885   | 0.96%   | 0.039% |
| 84         | 12.006 | 11.988 | 12.018 | VV | 805    | 11568   | 0.53%   | 0.022% |
| 85         | 12.054 | 12.018 | 12.064 | VV | 1696   | 29873   | 1.37%   | 0.056% |
| 86         | 12.074 | 12.064 | 12.101 | VV | 1726   | 26815   | 1.23%   | 0.051% |
| 87         | 12.121 | 12.101 | 12.154 | VV | 3200   | 55895   | 2.57%   | 0.106% |
| 88         | 12.173 | 12.154 | 12.207 | VV | 3515   | 57133   | 2.63%   | 0.108% |
| 89         | 12.228 | 12.207 | 12.247 | VV | 8144   | 101152  | 4.65%   | 0.191% |

|            |        |        |        |    |        |         |               |
|------------|--------|--------|--------|----|--------|---------|---------------|
| rteres.txt |        |        |        |    |        |         |               |
| 90         | 12.263 | 12.247 | 12.278 | VV | 4032   | 56821   | 2.61% 0.107%  |
| 91         | 12.290 | 12.278 | 12.303 | VV | 3422   | 41218   | 1.89% 0.078%  |
| 92         | 12.339 | 12.303 | 12.384 | VV | 95808  | 1096726 | 50.39% 2.073% |
| 93         | 12.400 | 12.384 | 12.419 | VV | 1333   | 14814   | 0.68% 0.028%  |
| 94         | 12.439 | 12.419 | 12.451 | VV | 1104   | 14155   | 0.65% 0.027%  |
| 95         | 12.473 | 12.451 | 12.490 | VV | 2514   | 36280   | 1.67% 0.069%  |
| 96         | 12.521 | 12.490 | 12.602 | VV | 3999   | 144704  | 6.65% 0.274%  |
| 97         | 12.633 | 12.602 | 12.664 | VV | 87977  | 971746  | 44.65% 1.837% |
| 98         | 12.692 | 12.664 | 12.708 | VV | 8354   | 104743  | 4.81% 0.198%  |
| 99         | 12.756 | 12.708 | 12.789 | VV | 118157 | 1498902 | 68.87% 2.834% |
| 100        | 12.827 | 12.789 | 12.867 | VV | 5020   | 116847  | 5.37% 0.221%  |
| 101        | 12.904 | 12.867 | 12.954 | PV | 4725   | 109666  | 5.04% 0.207%  |
| 102        | 12.975 | 12.954 | 13.015 | VV | 2984   | 52597   | 2.42% 0.099%  |
| 103        | 13.033 | 13.015 | 13.051 | VV | 3433   | 41972   | 1.93% 0.079%  |
| 104        | 13.094 | 13.051 | 13.130 | VV | 6080   | 127919  | 5.88% 0.242%  |
| 105        | 13.144 | 13.130 | 13.161 | VV | 1279   | 17957   | 0.83% 0.034%  |
| 106        | 13.222 | 13.161 | 13.259 | VV | 13161  | 246430  | 11.32% 0.466% |
| 107        | 13.293 | 13.259 | 13.307 | VV | 1896   | 35882   | 1.65% 0.068%  |
| 108        | 13.331 | 13.307 | 13.348 | VV | 6799   | 98766   | 4.54% 0.187%  |
| 109        | 13.366 | 13.348 | 13.389 | VV | 8718   | 114824  | 5.28% 0.217%  |
| 110        | 13.408 | 13.389 | 13.440 | VV | 2778   | 59744   | 2.74% 0.113%  |
| 111        | 13.495 | 13.440 | 13.517 | VV | 9048   | 199610  | 9.17% 0.377%  |
| 112        | 13.536 | 13.517 | 13.575 | VV | 7091   | 116562  | 5.36% 0.220%  |
| 113        | 13.611 | 13.575 | 13.635 | VV | 2407   | 60099   | 2.76% 0.114%  |
| 114        | 13.654 | 13.635 | 13.670 | VV | 1680   | 30445   | 1.40% 0.058%  |
| 115        | 13.682 | 13.670 | 13.691 | VV | 1433   | 16541   | 0.76% 0.031%  |
| 116        | 13.718 | 13.691 | 13.730 | VV | 1677   | 36093   | 1.66% 0.068%  |
| 117        | 13.748 | 13.730 | 13.788 | VV | 1849   | 48910   | 2.25% 0.092%  |
| 118        | 13.807 | 13.788 | 13.823 | VV | 1293   | 22380   | 1.03% 0.042%  |
| 119        | 13.917 | 13.823 | 13.931 | VV | 3928   | 136111  | 6.25% 0.257%  |
| 120        | 13.951 | 13.931 | 13.984 | VV | 8304   | 141781  | 6.51% 0.268%  |
| 121        | 14.000 | 13.984 | 14.017 | VV | 2025   | 36290   | 1.67% 0.069%  |
| 122        | 14.064 | 14.017 | 14.089 | VV | 4228   | 120554  | 5.54% 0.228%  |
| 123        | 14.125 | 14.089 | 14.171 | VV | 7860   | 201753  | 9.27% 0.381%  |
| 124        | 14.191 | 14.171 | 14.214 | VV | 14683  | 195591  | 8.99% 0.370%  |
| 125        | 14.252 | 14.214 | 14.290 | VV | 8431   | 203224  | 9.34% 0.384%  |
| 126        | 14.319 | 14.290 | 14.334 | VV | 2742   | 63516   | 2.92% 0.120%  |
| 127        | 14.374 | 14.334 | 14.428 | VV | 3833   | 145629  | 6.69% 0.275%  |
| 128        | 14.453 | 14.428 | 14.471 | VV | 5008   | 79649   | 3.66% 0.151%  |
| 129        | 14.501 | 14.471 | 14.522 | VV | 48484  | 597757  | 27.46% 1.130% |
| 130        | 14.542 | 14.522 | 14.573 | VV | 47525  | 565167  | 25.97% 1.068% |
| 131        | 14.605 | 14.573 | 14.628 | VV | 4213   | 98652   | 4.53% 0.186%  |
| 132        | 14.660 | 14.628 | 14.686 | VV | 10879  | 197988  | 9.10% 0.374%  |
| 133        | 14.707 | 14.686 | 14.723 | VV | 3874   | 68755   | 3.16% 0.130%  |
| 134        | 14.743 | 14.723 | 14.778 | VV | 4842   | 102413  | 4.71% 0.194%  |
| 135        | 14.805 | 14.778 | 14.820 | VV | 5447   | 95202   | 4.37% 0.180%  |
| 136        | 14.836 | 14.820 | 14.851 | VV | 4916   | 81070   | 3.72% 0.153%  |
| 137        | 14.861 | 14.851 | 14.902 | VV | 3852   | 89150   | 4.10% 0.169%  |
| 138        | 14.944 | 14.902 | 14.958 | VV | 4607   | 110239  | 5.07% 0.208%  |
| 139        | 14.980 | 14.958 | 15.015 | VV | 11899  | 222506  | 10.22% 0.421% |
| 140        | 15.029 | 15.015 | 15.058 | VV | 3357   | 81818   | 3.76% 0.155%  |
| 141        | 15.079 | 15.058 | 15.099 | VV | 3257   | 74453   | 3.42% 0.141%  |

|     |        |        |        |    | rteres.txt |         |        |        |
|-----|--------|--------|--------|----|------------|---------|--------|--------|
| 142 | 15.131 | 15.099 | 15.152 | VV | 8191       | 168700  | 7.75%  | 0.319% |
| 143 | 15.172 | 15.152 | 15.192 | VV | 13506      | 196211  | 9.02%  | 0.371% |
| 144 | 15.210 | 15.192 | 15.238 | VV | 7163       | 140591  | 6.46%  | 0.266% |
| 145 | 15.250 | 15.238 | 15.267 | VV | 4446       | 67881   | 3.12%  | 0.128% |
| 146 | 15.311 | 15.267 | 15.321 | VV | 7011       | 153897  | 7.07%  | 0.291% |
| 147 | 15.336 | 15.321 | 15.379 | VV | 7697       | 183211  | 8.42%  | 0.346% |
| 148 | 15.419 | 15.379 | 15.442 | VV | 4840       | 144432  | 6.64%  | 0.273% |
| 149 | 15.454 | 15.442 | 15.475 | VV | 3499       | 64946   | 2.98%  | 0.123% |
| 150 | 15.499 | 15.475 | 15.515 | VV | 5396       | 100123  | 4.60%  | 0.189% |
| 151 | 15.527 | 15.515 | 15.551 | VV | 4803       | 87512   | 4.02%  | 0.165% |
| 152 | 15.589 | 15.551 | 15.600 | VV | 4721       | 121856  | 5.60%  | 0.230% |
| 153 | 15.622 | 15.600 | 15.655 | VV | 7715       | 162537  | 7.47%  | 0.307% |
| 154 | 15.666 | 15.655 | 15.688 | VV | 3703       | 69018   | 3.17%  | 0.130% |
| 155 | 15.699 | 15.688 | 15.711 | VV | 3517       | 47336   | 2.17%  | 0.089% |
| 156 | 15.777 | 15.711 | 15.793 | VV | 6666       | 204141  | 9.38%  | 0.386% |
| 157 | 15.806 | 15.793 | 15.819 | VV | 4796       | 73633   | 3.38%  | 0.139% |
| 158 | 15.835 | 15.819 | 15.855 | VV | 5730       | 104045  | 4.78%  | 0.197% |
| 159 | 15.879 | 15.855 | 15.905 | VV | 5700       | 148668  | 6.83%  | 0.281% |
| 160 | 15.978 | 15.905 | 16.009 | VV | 8471       | 358917  | 16.49% | 0.678% |
| 161 | 16.049 | 16.009 | 16.096 | VV | 52020      | 1095910 | 50.35% | 2.072% |
| 162 | 16.103 | 16.096 | 16.128 | VV | 11100      | 156742  | 7.20%  | 0.296% |
| 163 | 16.138 | 16.128 | 16.147 | VV | 5171       | 58683   | 2.70%  | 0.111% |
| 164 | 16.178 | 16.147 | 16.201 | VV | 15262      | 284249  | 13.06% | 0.537% |
| 165 | 16.223 | 16.201 | 16.251 | VV | 7909       | 198014  | 9.10%  | 0.374% |
| 166 | 16.266 | 16.251 | 16.278 | VV | 6042       | 92480   | 4.25%  | 0.175% |
| 167 | 16.298 | 16.278 | 16.318 | VV | 7042       | 149232  | 6.86%  | 0.282% |
| 168 | 16.365 | 16.318 | 16.395 | VV | 37297      | 705315  | 32.41% | 1.333% |
| 169 | 16.422 | 16.395 | 16.475 | VV | 48571      | 783099  | 35.98% | 1.480% |
| 170 | 16.524 | 16.475 | 16.545 | VV | 16743      | 393569  | 18.08% | 0.744% |
| 171 | 16.569 | 16.545 | 16.593 | VV | 18600      | 353617  | 16.25% | 0.668% |
| 172 | 16.612 | 16.593 | 16.633 | VV | 12549      | 241284  | 11.09% | 0.456% |
| 173 | 16.646 | 16.633 | 16.654 | VV | 8348       | 105613  | 4.85%  | 0.200% |
| 174 | 16.674 | 16.654 | 16.701 | VV | 9026       | 232625  | 10.69% | 0.440% |
| 175 | 16.732 | 16.701 | 16.750 | VV | 8741       | 221700  | 10.19% | 0.419% |
| 176 | 16.792 | 16.750 | 16.820 | VV | 12041      | 404909  | 18.60% | 0.765% |
| 177 | 16.832 | 16.820 | 16.874 | VV | 8889       | 260529  | 11.97% | 0.493% |
| 178 | 16.891 | 16.874 | 16.901 | VV | 8109       | 128578  | 5.91%  | 0.243% |
| 179 | 16.926 | 16.901 | 16.935 | VV | 11772      | 203997  | 9.37%  | 0.386% |
| 180 | 16.947 | 16.935 | 16.988 | VV | 12199      | 295466  | 13.58% | 0.559% |
| 181 | 17.018 | 16.988 | 17.052 | VV | 20647      | 497834  | 22.87% | 0.941% |
| 182 | 17.075 | 17.052 | 17.108 | VV | 11334      | 333526  | 15.32% | 0.630% |
| 183 | 17.120 | 17.108 | 17.145 | VV | 10085      | 202382  | 9.30%  | 0.383% |
| 184 | 17.176 | 17.145 | 17.248 | VV | 9371       | 515581  | 23.69% | 0.975% |
| 185 | 17.268 | 17.248 | 17.280 | VV | 8466       | 154215  | 7.09%  | 0.292% |
| 186 | 17.295 | 17.280 | 17.310 | VV | 8615       | 150144  | 6.90%  | 0.284% |
| 187 | 17.342 | 17.310 | 17.359 | VV | 9655       | 267250  | 12.28% | 0.505% |
| 188 | 17.417 | 17.359 | 17.426 | VV | 11177      | 412837  | 18.97% | 0.780% |
| 189 | 17.452 | 17.426 | 17.497 | VV | 21094      | 569403  | 26.16% | 1.076% |
| 190 | 17.521 | 17.497 | 17.533 | VV | 10772      | 214982  | 9.88%  | 0.406% |
| 191 | 17.563 | 17.533 | 17.622 | VV | 15682      | 658596  | 30.26% | 1.245% |
| 192 | 17.631 | 17.622 | 17.668 | VV | 10728      | 273529  | 12.57% | 0.517% |
| 193 | 17.695 | 17.668 | 17.749 | VV | 15263      | 585114  | 26.88% | 1.106% |
| 194 | 17.782 | 17.749 | 17.818 | VV | 39355      | 850570  | 39.08% | 1.608% |

| rteres.txt |        |        |        |    |       |        |        |        |
|------------|--------|--------|--------|----|-------|--------|--------|--------|
| 195        | 17.828 | 17.818 | 17.851 | VV | 15605 | 276440 | 12.70% | 0.523% |
| 196        | 17.872 | 17.851 | 17.896 | VV | 23702 | 459163 | 21.10% | 0.868% |
| 197        | 17.923 | 17.896 | 17.940 | VV | 18368 | 414830 | 19.06% | 0.784% |
| 198        | 17.947 | 17.940 | 17.997 | VV | 17080 | 459544 | 21.11% | 0.869% |
| 199        | 18.034 | 17.997 | 18.067 | VV | 36263 | 749421 | 34.43% | 1.417% |
| 200        | 18.084 | 18.067 | 18.097 | VV | 11035 | 190783 | 8.77%  | 0.361% |
| 201        | 18.122 | 18.097 | 18.141 | VV | 12466 | 312471 | 14.36% | 0.591% |
| 202        | 18.164 | 18.141 | 18.201 | VV | 19156 | 483942 | 22.24% | 0.915% |
| 203        | 18.239 | 18.201 | 18.249 | VV | 11039 | 297311 | 13.66% | 0.562% |
| 204        | 18.280 | 18.249 | 18.319 | VV | 19015 | 576332 | 26.48% | 1.089% |
| 205        | 18.352 | 18.319 | 18.375 | VV | 14970 | 417303 | 19.17% | 0.789% |
| 206        | 18.400 | 18.375 | 18.432 | VV | 14073 | 427570 | 19.65% | 0.808% |
| 207        | 18.473 | 18.432 | 18.500 | VV | 12770 | 490490 | 22.54% | 0.927% |
| 208        | 18.544 | 18.500 | 18.577 | VV | 13258 | 569758 | 26.18% | 1.077% |
| 209        | 18.602 | 18.577 | 18.610 | VV | 14419 | 255359 | 11.73% | 0.483% |
| 210        | 18.628 | 18.610 | 18.653 | VV | 15215 | 365983 | 16.82% | 0.692% |
| 211        | 18.677 | 18.653 | 18.721 | VV | 18301 | 614783 | 28.25% | 1.162% |
| 212        | 18.749 | 18.721 | 18.800 | VV | 14179 | 606788 | 27.88% | 1.147% |
| 213        | 18.867 | 18.800 | 18.885 | VV | 13845 | 649790 | 29.86% | 1.228% |
| 214        | 18.895 | 18.885 | 18.905 | VV | 12973 | 155133 | 7.13%  | 0.293% |
| 215        | 18.916 | 18.905 | 18.943 | VV | 12487 | 282772 | 12.99% | 0.535% |
| 216        | 18.991 | 18.943 | 19.005 | VV | 12855 | 458186 | 21.05% | 0.866% |
| 217        | 19.022 | 19.005 | 19.031 | VV | 13016 | 201422 | 9.25%  | 0.381% |
| 218        | 19.061 | 19.031 | 19.091 | VV | 19084 | 547512 | 25.16% | 1.035% |
| 219        | 19.122 | 19.091 | 19.142 | VV | 14662 | 431143 | 19.81% | 0.815% |
| 220        | 19.189 | 19.142 | 19.216 | VV | 23836 | 759680 | 34.90% | 1.436% |
| 221        | 19.253 | 19.216 | 19.285 | VV | 22305 | 732457 | 33.65% | 1.385% |
| 222        | 19.315 | 19.285 | 19.325 | VV | 16435 | 375838 | 17.27% | 0.710% |
| 223        | 19.334 | 19.325 | 19.345 | VV | 16326 | 194873 | 8.95%  | 0.368% |
| 224        | 19.366 | 19.345 | 19.407 | VV | 17518 | 600584 | 27.59% | 1.135% |
| 225        | 19.436 | 19.407 | 19.447 | VV | 17124 | 385370 | 17.71% | 0.728% |
| 226        | 19.462 | 19.447 | 19.488 | VV | 17133 | 396837 | 18.23% | 0.750% |
| 227        | 19.497 | 19.488 | 19.510 | VV | 15417 | 194150 | 8.92%  | 0.367% |
| 228        | 19.562 | 19.510 | 19.597 | VV | 26085 | 988154 | 45.40% | 1.868% |
| 229        | 19.628 | 19.597 | 19.645 | VV | 19160 | 499160 | 22.93% | 0.944% |
| 230        | 19.656 | 19.645 | 19.683 | VV | 18011 | 394360 | 18.12% | 0.745% |
| 231        | 19.699 | 19.683 | 19.731 | VV | 18356 | 488109 | 22.43% | 0.923% |
| 232        | 19.753 | 19.731 | 19.760 | VV | 15918 | 272112 | 12.50% | 0.514% |
| 233        | 19.797 | 19.760 | 19.828 | VV | 18041 | 686336 | 31.53% | 1.297% |
| 234        | 19.838 | 19.828 | 19.849 | VV | 17793 | 210568 | 9.67%  | 0.398% |
| 235        | 19.862 | 19.849 | 19.877 | VV | 17156 | 285371 | 13.11% | 0.539% |
| 236        | 19.896 | 19.877 | 19.931 | VV | 17079 | 541426 | 24.88% | 1.024% |
| 237        | 19.939 | 19.931 | 19.948 | VV | 17015 | 166749 | 7.66%  | 0.315% |
| 238        | 19.977 | 19.948 | 20.013 | VV | 17688 | 662612 | 30.44% | 1.253% |
| 239        | 20.026 | 20.013 | 20.045 | VV | 17533 | 331198 | 15.22% | 0.626% |
| 240        | 20.066 | 20.045 | 20.089 | VV | 17674 | 442923 | 20.35% | 0.837% |
| 241        | 20.113 | 20.089 | 20.125 | VV | 17564 | 365175 | 16.78% | 0.690% |
| 242        | 20.155 | 20.125 | 20.198 | VV | 19075 | 792919 | 36.43% | 1.499% |
| 243        | 20.209 | 20.198 | 20.213 | VV | 17436 | 158674 | 7.29%  | 0.300% |
| 244        | 20.247 | 20.213 | 20.297 | VV | 18379 | 897151 | 41.22% | 1.696% |
| 245        | 20.325 | 20.297 | 20.337 | VV | 18725 | 433076 | 19.90% | 0.819% |

Sum of corrected areas: 52899236  
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