

rteres

## Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE072225AL\  
Data File : FE054972.D  
Signal(s) : FID1B.ch  
Acq On : 22 Jul 2025 21:16  
Sample : Q2660-03 10X  
Misc :  
ALS Vial : 24 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 062725.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         | 2.838       | 2.804        | 2.881      | BV       | 268            | 5116         | 0.01%          | 0.000%        |
| 2         | 2.925       | 2.881        | 2.948      | PV       | 181            | 2684         | 0.00%          | 0.000%        |
| 3         | 3.000       | 2.948        | 3.078      | VV       | 353            | 5979         | 0.01%          | 0.000%        |
| 4         | 3.116       | 3.078        | 3.144      | PV       | 362            | 5470         | 0.01%          | 0.000%        |
| 5         | 3.154       | 3.144        | 3.184      | VV       | 146            | 1902         | 0.00%          | 0.000%        |
| 6         | 3.207       | 3.184        | 3.221      | VV       | 190            | 2920         | 0.00%          | 0.000%        |
| 7         | 3.232       | 3.221        | 3.268      | VV       | 167            | 2933         | 0.00%          | 0.000%        |
| 8         | 3.297       | 3.268        | 3.328      | PV       | 114            | 2974         | 0.00%          | 0.000%        |
| 9         | 3.339       | 3.328        | 3.348      | VV       | 103            | 972          | 0.00%          | 0.000%        |
| 10        | 3.353       | 3.348        | 3.367      | VV       | 132            | 1123         | 0.00%          | 0.000%        |
| 11        | 3.423       | 3.367        | 3.433      | VV       | 290            | 6416         | 0.01%          | 0.000%        |
| 12        | 3.448       | 3.433        | 3.466      | VV       | 311            | 4715         | 0.01%          | 0.000%        |
| 13        | 3.476       | 3.466        | 3.498      | VV       | 201            | 2503         | 0.00%          | 0.000%        |
| 14        | 3.511       | 3.498        | 3.557      | VV       | 229            | 3291         | 0.00%          | 0.000%        |
| 15        | 3.574       | 3.557        | 3.585      | VV       | 176            | 2513         | 0.00%          | 0.000%        |
| 16        | 3.604       | 3.585        | 3.627      | VV       | 308            | 4721         | 0.01%          | 0.000%        |
| 17        | 3.663       | 3.627        | 3.698      | VV       | 209            | 5592         | 0.01%          | 0.000%        |
| 18        | 3.714       | 3.698        | 3.726      | PV       | 207            | 2299         | 0.00%          | 0.000%        |
| 19        | 3.743       | 3.726        | 3.766      | VV       | 554            | 6976         | 0.01%          | 0.000%        |
| 20        | 3.780       | 3.766        | 3.858      | VV       | 236            | 7923         | 0.01%          | 0.000%        |
| 21        | 3.895       | 3.858        | 3.931      | VV       | 720            | 15577        | 0.02%          | 0.000%        |
| 22        | 3.961       | 3.931        | 3.971      | VV       | 251            | 4439         | 0.01%          | 0.000%        |
| 23        | 3.979       | 3.971        | 3.993      | VV       | 190            | 2285         | 0.00%          | 0.000%        |
| 24        | 4.013       | 3.993        | 4.028      | VV       | 1419           | 14738        | 0.02%          | 0.000%        |
| 25        | 4.037       | 4.028        | 4.058      | VV       | 671            | 6222         | 0.01%          | 0.000%        |
| 26        | 4.069       | 4.058        | 4.094      | VV       | 166            | 2374         | 0.00%          | 0.000%        |
| 27        | 4.113       | 4.094        | 4.148      | VV       | 754            | 11163        | 0.01%          | 0.000%        |
| 28        | 4.151       | 4.148        | 4.181      | VV       | 226            | 1940         | 0.00%          | 0.000%        |
| 29        | 4.221       | 4.181        | 4.238      | PV       | 873            | 11299        | 0.01%          | 0.000%        |
| 30        | 4.254       | 4.238        | 4.274      | VV       | 491            | 7044         | 0.01%          | 0.000%        |
| 31        | 4.294       | 4.274        | 4.315      | VV       | 459            | 9159         | 0.01%          | 0.000%        |
| 32        | 4.330       | 4.315        | 4.351      | VV       | 530            | 6776         | 0.01%          | 0.000%        |
| 33        | 4.407       | 4.351        | 4.438      | VV       | 4211           | 54125        | 0.07%          | 0.002%        |
| 34        | 4.456       | 4.438        | 4.483      | VV       | 798            | 14556        | 0.02%          | 0.000%        |
| 35        | 4.495       | 4.483        | 4.546      | VV       | 381            | 8985         | 0.01%          | 0.000%        |
| 36        | 4.582       | 4.546        | 4.606      | PV       | 584            | 12831        | 0.02%          | 0.000%        |

|    |       |       |       |    | rteres |         |       |        |
|----|-------|-------|-------|----|--------|---------|-------|--------|
| 37 | 4.626 | 4.606 | 4.648 | VV | 1005   | 13342   | 0.02% | 0.000% |
| 38 | 4.682 | 4.648 | 4.701 | VV | 1454   | 20782   | 0.03% | 0.001% |
| 39 | 4.724 | 4.701 | 4.748 | VV | 37070  | 354455  | 0.46% | 0.010% |
| 40 | 4.761 | 4.748 | 4.780 | VV | 2058   | 23319   | 0.03% | 0.001% |
| 41 | 4.795 | 4.780 | 4.821 | VV | 1463   | 15219   | 0.02% | 0.000% |
| 42 | 4.842 | 4.821 | 4.880 | PV | 6397   | 68448   | 0.09% | 0.002% |
| 43 | 4.902 | 4.880 | 4.923 | VV | 1053   | 16404   | 0.02% | 0.000% |
| 44 | 4.941 | 4.923 | 4.956 | VV | 844    | 11073   | 0.01% | 0.000% |
| 45 | 4.968 | 4.956 | 4.979 | VV | 563    | 5190    | 0.01% | 0.000% |
| 46 | 4.995 | 4.979 | 5.013 | VV | 1211   | 13490   | 0.02% | 0.000% |
| 47 | 5.032 | 5.013 | 5.040 | VV | 694    | 8216    | 0.01% | 0.000% |
| 48 | 5.073 | 5.040 | 5.085 | VV | 8539   | 90549   | 0.12% | 0.003% |
| 49 | 5.103 | 5.085 | 5.123 | VV | 35989  | 356624  | 0.46% | 0.010% |
| 50 | 5.145 | 5.123 | 5.167 | VV | 35409  | 418999  | 0.54% | 0.012% |
| 51 | 5.186 | 5.167 | 5.241 | VV | 54666  | 602751  | 0.77% | 0.018% |
| 52 | 5.268 | 5.241 | 5.319 | VV | 32130  | 322057  | 0.41% | 0.009% |
| 53 | 5.406 | 5.319 | 5.431 | PV | 123937 | 2197549 | 2.83% | 0.064% |
| 54 | 5.474 | 5.431 | 5.511 | VV | 263288 | 2608335 | 3.35% | 0.076% |
| 55 | 5.533 | 5.511 | 5.587 | VV | 23360  | 237327  | 0.31% | 0.007% |
| 56 | 5.607 | 5.587 | 5.617 | PV | 1100   | 11483   | 0.01% | 0.000% |
| 57 | 5.634 | 5.617 | 5.655 | VV | 1286   | 23442   | 0.03% | 0.001% |
| 58 | 5.683 | 5.655 | 5.726 | VV | 78733  | 981265  | 1.26% | 0.029% |
| 59 | 5.747 | 5.726 | 5.756 | VV | 2748   | 32865   | 0.04% | 0.001% |
| 60 | 5.767 | 5.756 | 5.789 | VV | 2966   | 32416   | 0.04% | 0.001% |
| 61 | 5.822 | 5.789 | 5.838 | PV | 126046 | 1241402 | 1.60% | 0.036% |
| 62 | 5.857 | 5.838 | 5.918 | VV | 305820 | 3091522 | 3.97% | 0.090% |
| 63 | 5.936 | 5.918 | 5.976 | VV | 2584   | 41376   | 0.05% | 0.001% |
| 64 | 6.020 | 5.976 | 6.038 | VV | 61429  | 629166  | 0.81% | 0.018% |
| 65 | 6.051 | 6.038 | 6.073 | VV | 17611  | 166321  | 0.21% | 0.005% |
| 66 | 6.119 | 6.073 | 6.134 | VV | 91591  | 1005552 | 1.29% | 0.029% |
| 67 | 6.143 | 6.134 | 6.158 | VV | 42312  | 392979  | 0.51% | 0.011% |
| 68 | 6.178 | 6.158 | 6.199 | VV | 167293 | 1592853 | 2.05% | 0.046% |
| 69 | 6.218 | 6.199 | 6.239 | VV | 60793  | 602632  | 0.77% | 0.018% |
| 70 | 6.255 | 6.239 | 6.284 | VV | 9290   | 182022  | 0.23% | 0.005% |
| 71 | 6.306 | 6.284 | 6.329 | VV | 33558  | 437142  | 0.56% | 0.013% |
| 72 | 6.365 | 6.329 | 6.384 | VV | 21839  | 463690  | 0.60% | 0.013% |
| 73 | 6.402 | 6.384 | 6.419 | VV | 29498  | 294026  | 0.38% | 0.009% |
| 74 | 6.437 | 6.419 | 6.483 | VV | 30111  | 409702  | 0.53% | 0.012% |
| 75 | 6.506 | 6.483 | 6.525 | VV | 6109   | 87354   | 0.11% | 0.003% |
| 76 | 6.558 | 6.525 | 6.577 | VV | 11104  | 222233  | 0.29% | 0.006% |
| 77 | 6.602 | 6.577 | 6.620 | VV | 14330  | 244779  | 0.31% | 0.007% |
| 78 | 6.636 | 6.620 | 6.647 | VV | 6784   | 92498   | 0.12% | 0.003% |
| 79 | 6.684 | 6.647 | 6.709 | VV | 22163  | 474627  | 0.61% | 0.014% |
| 80 | 6.782 | 6.709 | 6.803 | VV | 17677  | 438782  | 0.56% | 0.013% |
| 81 | 6.811 | 6.803 | 6.822 | VV | 10394  | 107717  | 0.14% | 0.003% |
| 82 | 6.836 | 6.822 | 6.847 | VV | 11017  | 143036  | 0.18% | 0.004% |
| 83 | 6.858 | 6.847 | 6.887 | VV | 11043  | 209176  | 0.27% | 0.006% |
| 84 | 6.914 | 6.887 | 6.936 | VV | 8367   | 196725  | 0.25% | 0.006% |
| 85 | 6.956 | 6.936 | 6.983 | VV | 10222  | 222336  | 0.29% | 0.006% |
| 86 | 7.016 | 6.983 | 7.048 | VV | 17040  | 479550  | 0.62% | 0.014% |
| 87 | 7.068 | 7.048 | 7.091 | VV | 123948 | 1376888 | 1.77% | 0.040% |
| 88 | 7.115 | 7.091 | 7.166 | VV | 138513 | 1901256 | 2.44% | 0.055% |
| 89 | 7.207 | 7.166 | 7.224 | VV | 21750  | 520019  | 0.67% | 0.015% |

|     |       |       |       |    |         |          |        |        |
|-----|-------|-------|-------|----|---------|----------|--------|--------|
|     |       |       |       |    | rteres  |          |        |        |
| 90  | 7.234 | 7.224 | 7.247 | VV | 13949   | 176971   | 0.23%  | 0.005% |
| 91  | 7.275 | 7.247 | 7.297 | VV | 44673   | 737649   | 0.95%  | 0.021% |
| 92  | 7.341 | 7.297 | 7.358 | VV | 27356   | 753843   | 0.97%  | 0.022% |
| 93  | 7.387 | 7.358 | 7.417 | VV | 35278   | 1033127  | 1.33%  | 0.030% |
| 94  | 7.441 | 7.417 | 7.464 | VV | 42007   | 899816   | 1.16%  | 0.026% |
| 95  | 7.509 | 7.464 | 7.522 | VV | 45128   | 1133241  | 1.46%  | 0.033% |
| 96  | 7.540 | 7.522 | 7.566 | VV | 47254   | 1036489  | 1.33%  | 0.030% |
| 97  | 7.587 | 7.566 | 7.628 | VV | 62973   | 1809853  | 2.33%  | 0.053% |
| 98  | 7.638 | 7.628 | 7.652 | VV | 44556   | 582186   | 0.75%  | 0.017% |
| 99  | 7.687 | 7.652 | 7.703 | VV | 66033   | 1584624  | 2.04%  | 0.046% |
| 100 | 7.723 | 7.703 | 7.748 | VV | 62643   | 1512676  | 1.94%  | 0.044% |
| 101 | 7.796 | 7.748 | 7.814 | VV | 123673  | 3408830  | 4.38%  | 0.099% |
| 102 | 7.824 | 7.814 | 7.843 | VV | 96488   | 1490835  | 1.92%  | 0.043% |
| 103 | 7.857 | 7.843 | 7.878 | VV | 84586   | 1688522  | 2.17%  | 0.049% |
| 104 | 7.887 | 7.878 | 7.918 | VV | 85652   | 1919524  | 2.47%  | 0.056% |
| 105 | 7.945 | 7.918 | 7.957 | VV | 88010   | 1919210  | 2.47%  | 0.056% |
| 106 | 7.994 | 7.957 | 8.034 | VV | 162675  | 5819827  | 7.48%  | 0.169% |
| 107 | 8.047 | 8.034 | 8.062 | VV | 103440  | 1650058  | 2.12%  | 0.048% |
| 108 | 8.115 | 8.062 | 8.148 | VV | 196478  | 7426884  | 9.55%  | 0.216% |
| 109 | 8.158 | 8.148 | 8.184 | VV | 137917  | 2767352  | 3.56%  | 0.080% |
| 110 | 8.206 | 8.184 | 8.227 | VV | 179177  | 3844749  | 4.94%  | 0.112% |
| 111 | 8.256 | 8.227 | 8.278 | VV | 269616  | 6100715  | 7.84%  | 0.177% |
| 112 | 8.304 | 8.278 | 8.323 | VV | 226952  | 5438063  | 6.99%  | 0.158% |
| 113 | 8.340 | 8.323 | 8.362 | VV | 214249  | 4480426  | 5.76%  | 0.130% |
| 114 | 8.399 | 8.362 | 8.417 | VV | 249928  | 6852776  | 8.81%  | 0.199% |
| 115 | 8.439 | 8.417 | 8.481 | VV | 351777  | 10073111 | 12.95% | 0.293% |
| 116 | 8.518 | 8.481 | 8.536 | VV | 315305  | 8672519  | 11.15% | 0.252% |
| 117 | 8.548 | 8.536 | 8.562 | VV | 269924  | 4073360  | 5.24%  | 0.118% |
| 118 | 8.588 | 8.562 | 8.603 | VV | 288824  | 6502487  | 8.36%  | 0.189% |
| 119 | 8.614 | 8.603 | 8.624 | VV | 274816  | 3527082  | 4.53%  | 0.103% |
| 120 | 8.633 | 8.624 | 8.644 | VV | 266112  | 3078086  | 3.96%  | 0.090% |
| 121 | 8.655 | 8.644 | 8.665 | VV | 268904  | 3349087  | 4.31%  | 0.097% |
| 122 | 8.697 | 8.665 | 8.736 | VV | 404502  | 14482610 | 18.62% | 0.421% |
| 123 | 8.748 | 8.736 | 8.764 | VV | 316111  | 5178852  | 6.66%  | 0.151% |
| 124 | 8.794 | 8.764 | 8.827 | VV | 339236  | 11858417 | 15.25% | 0.345% |
| 125 | 8.876 | 8.827 | 8.913 | VV | 788151  | 23111424 | 29.71% | 0.672% |
| 126 | 8.934 | 8.913 | 8.951 | VV | 489593  | 9570139  | 12.30% | 0.278% |
| 127 | 8.980 | 8.951 | 9.030 | VV | 414783  | 18240708 | 23.45% | 0.531% |
| 128 | 9.069 | 9.030 | 9.082 | VV | 403102  | 11576289 | 14.88% | 0.337% |
| 129 | 9.109 | 9.082 | 9.130 | VV | 552208  | 13009253 | 16.73% | 0.378% |
| 130 | 9.178 | 9.130 | 9.198 | VV | 826457  | 22452514 | 28.87% | 0.653% |
| 131 | 9.217 | 9.198 | 9.226 | VV | 567300  | 8882837  | 11.42% | 0.258% |
| 132 | 9.245 | 9.226 | 9.271 | VV | 815981  | 16544739 | 21.27% | 0.481% |
| 133 | 9.290 | 9.271 | 9.305 | VV | 473744  | 9310529  | 11.97% | 0.271% |
| 134 | 9.325 | 9.305 | 9.362 | VV | 552019  | 17551382 | 22.57% | 0.511% |
| 135 | 9.377 | 9.362 | 9.389 | VV | 541923  | 8641492  | 11.11% | 0.251% |
| 136 | 9.403 | 9.389 | 9.434 | VV | 552863  | 13899567 | 17.87% | 0.404% |
| 137 | 9.467 | 9.434 | 9.504 | VV | 1281631 | 30025815 | 38.60% | 0.873% |
| 138 | 9.538 | 9.504 | 9.554 | VV | 574895  | 16069234 | 20.66% | 0.467% |
| 139 | 9.590 | 9.554 | 9.604 | VV | 562067  | 15854485 | 20.38% | 0.461% |
| 140 | 9.623 | 9.604 | 9.661 | VV | 612624  | 19290490 | 24.80% | 0.561% |
| 141 | 9.683 | 9.661 | 9.727 | VV | 564520  | 21358552 | 27.46% | 0.621% |

| rteres |        |        |        |    |         |          |         |        |
|--------|--------|--------|--------|----|---------|----------|---------|--------|
| 142    | 9.780  | 9.727  | 9.818  | VV | 643131  | 31629181 | 40.66%  | 0.920% |
| 143    | 9.865  | 9.818  | 9.883  | VV | 679054  | 24798380 | 31.88%  | 0.721% |
| 144    | 9.896  | 9.883  | 9.902  | VV | 658275  | 7393215  | 9.51%   | 0.215% |
| 145    | 9.920  | 9.902  | 9.931  | VV | 778072  | 12095802 | 15.55%  | 0.352% |
| 146    | 9.948  | 9.931  | 9.978  | VV | 961334  | 21874859 | 28.12%  | 0.636% |
| 147    | 10.002 | 9.978  | 10.047 | VV | 741929  | 28414569 | 36.53%  | 0.827% |
| 148    | 10.084 | 10.047 | 10.095 | VV | 698595  | 19503382 | 25.07%  | 0.567% |
| 149    | 10.111 | 10.095 | 10.133 | VV | 703078  | 15459422 | 19.88%  | 0.450% |
| 150    | 10.166 | 10.133 | 10.179 | VV | 718782  | 18679245 | 24.02%  | 0.543% |
| 151    | 10.188 | 10.179 | 10.212 | VV | 691711  | 13166328 | 16.93%  | 0.383% |
| 152    | 10.245 | 10.212 | 10.268 | VV | 722216  | 23516094 | 30.23%  | 0.684% |
| 153    | 10.291 | 10.268 | 10.318 | VV | 809056  | 23192488 | 29.82%  | 0.675% |
| 154    | 10.334 | 10.318 | 10.368 | VV | 814858  | 22742067 | 29.24%  | 0.662% |
| 155    | 10.387 | 10.368 | 10.402 | VV | 765713  | 15340386 | 19.72%  | 0.446% |
| 156    | 10.433 | 10.402 | 10.483 | VV | 810028  | 36672093 | 47.15%  | 1.067% |
| 157    | 10.512 | 10.483 | 10.551 | VV | 796084  | 30721614 | 39.50%  | 0.894% |
| 158    | 10.579 | 10.551 | 10.591 | VV | 819146  | 18604259 | 23.92%  | 0.541% |
| 159    | 10.609 | 10.591 | 10.630 | VV | 854523  | 19198786 | 24.68%  | 0.558% |
| 160    | 10.652 | 10.630 | 10.668 | VV | 845103  | 18568053 | 23.87%  | 0.540% |
| 161    | 10.726 | 10.668 | 10.752 | VV | 1246337 | 47532974 | 61.11%  | 1.383% |
| 162    | 10.793 | 10.752 | 10.842 | VV | 932165  | 48404506 | 62.23%  | 1.408% |
| 163    | 10.877 | 10.842 | 10.906 | VV | 975565  | 35131699 | 45.17%  | 1.022% |
| 164    | 10.926 | 10.906 | 10.944 | VV | 889020  | 19670504 | 25.29%  | 0.572% |
| 165    | 10.988 | 10.944 | 11.038 | VV | 974325  | 51769541 | 66.56%  | 1.506% |
| 166    | 11.080 | 11.038 | 11.101 | VV | 1071749 | 36610347 | 47.07%  | 1.065% |
| 167    | 11.156 | 11.101 | 11.180 | VV | 1787254 | 57947158 | 74.50%  | 1.686% |
| 168    | 11.194 | 11.180 | 11.241 | VV | 1091098 | 36942117 | 47.50%  | 1.075% |
| 169    | 11.252 | 11.241 | 11.264 | VV | 963206  | 13183225 | 16.95%  | 0.383% |
| 170    | 11.285 | 11.264 | 11.306 | VV | 1012654 | 24352539 | 31.31%  | 0.708% |
| 171    | 11.330 | 11.306 | 11.351 | VV | 1048858 | 27279698 | 35.07%  | 0.794% |
| 172    | 11.361 | 11.351 | 11.387 | VV | 1034756 | 21592682 | 27.76%  | 0.628% |
| 173    | 11.414 | 11.387 | 11.451 | VV | 1056176 | 39186689 | 50.38%  | 1.140% |
| 174    | 11.478 | 11.451 | 11.494 | VV | 1065054 | 26791417 | 34.44%  | 0.779% |
| 175    | 11.508 | 11.494 | 11.545 | VV | 1028962 | 30968963 | 39.82%  | 0.901% |
| 176    | 11.572 | 11.545 | 11.614 | VV | 1122429 | 43897264 | 56.44%  | 1.277% |
| 177    | 11.633 | 11.614 | 11.668 | VV | 1071982 | 33749914 | 43.39%  | 0.982% |
| 178    | 11.684 | 11.668 | 11.705 | VV | 1055501 | 23320760 | 29.98%  | 0.678% |
| 179    | 11.743 | 11.705 | 11.763 | VV | 1089369 | 36520721 | 46.95%  | 1.062% |
| 180    | 11.783 | 11.763 | 11.805 | VV | 1141891 | 27215006 | 34.99%  | 0.792% |
| 181    | 11.824 | 11.805 | 11.852 | VV | 1046750 | 28652315 | 36.84%  | 0.833% |
| 182    | 11.880 | 11.852 | 11.904 | VV | 1523459 | 38795821 | 49.88%  | 1.129% |
| 183    | 11.918 | 11.904 | 11.941 | VV | 1076940 | 22875483 | 29.41%  | 0.665% |
| 184    | 11.948 | 11.941 | 11.971 | VV | 1032269 | 18150809 | 23.34%  | 0.528% |
| 185    | 11.993 | 11.971 | 12.012 | VV | 994471  | 24141901 | 31.04%  | 0.702% |
| 186    | 12.097 | 12.012 | 12.138 | VV | 1119968 | 77780590 | 100.00% | 2.263% |
| 187    | 12.164 | 12.138 | 12.211 | VV | 1025995 | 43999781 | 56.57%  | 1.280% |
| 188    | 12.231 | 12.211 | 12.241 | VV | 1024528 | 18380059 | 23.63%  | 0.535% |
| 189    | 12.271 | 12.241 | 12.288 | VV | 1073025 | 29301657 | 37.67%  | 0.852% |
| 190    | 12.307 | 12.288 | 12.365 | VV | 1065163 | 47936324 | 61.63%  | 1.394% |
| 191    | 12.374 | 12.365 | 12.397 | VV | 1038266 | 19470118 | 25.03%  | 0.566% |
| 192    | 12.441 | 12.397 | 12.521 | VV | 1163998 | 75717942 | 97.35%  | 2.203% |
| 193    | 12.568 | 12.521 | 12.648 | VV | 1011633 | 72111395 | 92.71%  | 2.098% |
| 194    | 12.662 | 12.648 | 12.704 | VV | 945643  | 31288609 | 40.23%  | 0.910% |

| rteres |        |        |        |    |        |          |        |        |
|--------|--------|--------|--------|----|--------|----------|--------|--------|
| 195    | 12.736 | 12.704 | 12.763 | VV | 947142 | 32493278 | 41.78% | 0.945% |
| 196    | 12.774 | 12.763 | 12.821 | VV | 934560 | 31574326 | 40.59% | 0.918% |
| 197    | 12.846 | 12.821 | 12.862 | VV | 905063 | 21746675 | 27.96% | 0.633% |
| 198    | 12.877 | 12.862 | 12.917 | VV | 901743 | 29421468 | 37.83% | 0.856% |
| 199    | 12.963 | 12.917 | 13.000 | VV | 910838 | 43250863 | 55.61% | 1.258% |
| 200    | 13.018 | 13.000 | 13.042 | VV | 900677 | 21929761 | 28.19% | 0.638% |
| 201    | 13.064 | 13.042 | 13.080 | VV | 866229 | 19058940 | 24.50% | 0.554% |
| 202    | 13.100 | 13.080 | 13.142 | VV | 918329 | 31604277 | 40.63% | 0.919% |
| 203    | 13.164 | 13.142 | 13.224 | VV | 856107 | 40202726 | 51.69% | 1.169% |
| 204    | 13.239 | 13.224 | 13.272 | VV | 828829 | 22689146 | 29.17% | 0.660% |
| 205    | 13.292 | 13.272 | 13.314 | VV | 776958 | 19055345 | 24.50% | 0.554% |
| 206    | 13.330 | 13.314 | 13.408 | VV | 772356 | 42414091 | 54.53% | 1.234% |
| 207    | 13.418 | 13.408 | 13.444 | VV | 755365 | 16069700 | 20.66% | 0.467% |
| 208    | 13.462 | 13.444 | 13.476 | VV | 743425 | 14051904 | 18.07% | 0.409% |
| 209    | 13.525 | 13.476 | 13.578 | VV | 760841 | 45130456 | 58.02% | 1.313% |
| 210    | 13.596 | 13.578 | 13.645 | VV | 783740 | 29107190 | 37.42% | 0.847% |
| 211    | 13.653 | 13.645 | 13.691 | VV | 702247 | 19122910 | 24.59% | 0.556% |
| 212    | 13.709 | 13.691 | 13.740 | VV | 692718 | 19702192 | 25.33% | 0.573% |
| 213    | 13.752 | 13.740 | 13.786 | VV | 694119 | 18544284 | 23.84% | 0.539% |
| 214    | 13.798 | 13.786 | 13.831 | VV | 672164 | 17902942 | 23.02% | 0.521% |
| 215    | 13.841 | 13.831 | 13.868 | VV | 659473 | 14095691 | 18.12% | 0.410% |
| 216    | 13.887 | 13.868 | 13.906 | VV | 665221 | 14808186 | 19.04% | 0.431% |
| 217    | 13.934 | 13.906 | 13.970 | VV | 672256 | 24943493 | 32.07% | 0.726% |
| 218    | 13.981 | 13.970 | 14.082 | VV | 640700 | 41433103 | 53.27% | 1.205% |
| 219    | 14.103 | 14.082 | 14.120 | VV | 602354 | 13212054 | 16.99% | 0.384% |
| 220    | 14.146 | 14.120 | 14.174 | VV | 610406 | 19547123 | 25.13% | 0.569% |
| 221    | 14.204 | 14.174 | 14.247 | VV | 595027 | 25334284 | 32.57% | 0.737% |
| 222    | 14.258 | 14.247 | 14.278 | VV | 561343 | 10132093 | 13.03% | 0.295% |
| 223    | 14.292 | 14.278 | 14.309 | VV | 572160 | 10567843 | 13.59% | 0.307% |
| 224    | 14.317 | 14.309 | 14.334 | VV | 558867 | 8274707  | 10.64% | 0.241% |
| 225    | 14.357 | 14.334 | 14.410 | VV | 552151 | 24361252 | 31.32% | 0.709% |
| 226    | 14.424 | 14.410 | 14.465 | VV | 533788 | 17093077 | 21.98% | 0.497% |
| 227    | 14.476 | 14.465 | 14.492 | VV | 518440 | 8365471  | 10.76% | 0.243% |
| 228    | 14.529 | 14.492 | 14.561 | VV | 560791 | 21756008 | 27.97% | 0.633% |
| 229    | 14.594 | 14.561 | 14.657 | VV | 515697 | 28433186 | 36.56% | 0.827% |
| 230    | 14.680 | 14.657 | 14.694 | VV | 488996 | 10650091 | 13.69% | 0.310% |
| 231    | 14.703 | 14.694 | 14.716 | VV | 479125 | 6018594  | 7.74%  | 0.175% |
| 232    | 14.734 | 14.716 | 14.755 | VV | 467310 | 10759445 | 13.83% | 0.313% |
| 233    | 14.766 | 14.755 | 14.806 | VV | 462485 | 13645704 | 17.54% | 0.397% |
| 234    | 14.826 | 14.806 | 14.843 | VV | 456994 | 9906081  | 12.74% | 0.288% |
| 235    | 14.855 | 14.843 | 14.882 | VV | 449246 | 10216576 | 13.14% | 0.297% |
| 236    | 14.901 | 14.882 | 14.910 | VV | 438328 | 7310294  | 9.40%  | 0.213% |
| 237    | 14.925 | 14.910 | 14.937 | VV | 436856 | 6922020  | 8.90%  | 0.201% |
| 238    | 14.951 | 14.937 | 14.961 | VV | 436572 | 6237473  | 8.02%  | 0.181% |
| 239    | 14.983 | 14.961 | 15.038 | VV | 440457 | 19601354 | 25.20% | 0.570% |
| 240    | 15.047 | 15.038 | 15.064 | VV | 403041 | 6231993  | 8.01%  | 0.181% |
| 241    | 15.097 | 15.064 | 15.106 | VV | 403261 | 9991243  | 12.85% | 0.291% |
| 242    | 15.120 | 15.106 | 15.195 | VV | 413498 | 20615685 | 26.50% | 0.600% |
| 243    | 15.206 | 15.195 | 15.222 | VV | 379539 | 5843107  | 7.51%  | 0.170% |
| 244    | 15.237 | 15.222 | 15.274 | VV | 371123 | 11400563 | 14.66% | 0.332% |
| 245    | 15.294 | 15.274 | 15.314 | VV | 371771 | 8646951  | 11.12% | 0.252% |
| 246    | 15.323 | 15.314 | 15.376 | VV | 347758 | 12659030 | 16.28% | 0.368% |

| rteres |        |        |        |    |        |          |        |        |
|--------|--------|--------|--------|----|--------|----------|--------|--------|
| 247    | 15.395 | 15.376 | 15.424 | VV | 352786 | 9990290  | 12.84% | 0.291% |
| 248    | 15.435 | 15.424 | 15.485 | VV | 348708 | 12318327 | 15.84% | 0.358% |
| 249    | 15.493 | 15.485 | 15.517 | VV | 326716 | 6094519  | 7.84%  | 0.177% |
| 250    | 15.544 | 15.517 | 15.573 | VV | 329835 | 10728811 | 13.79% | 0.312% |
| 251    | 15.598 | 15.573 | 15.620 | VV | 320682 | 8664691  | 11.14% | 0.252% |
| 252    | 15.635 | 15.620 | 15.645 | VV | 313908 | 4561875  | 5.87%  | 0.133% |
| 253    | 15.654 | 15.645 | 15.695 | VV | 313866 | 9085794  | 11.68% | 0.264% |
| 254    | 15.703 | 15.695 | 15.712 | VV | 293003 | 2988724  | 3.84%  | 0.087% |
| 255    | 15.729 | 15.712 | 15.787 | VV | 295621 | 12907892 | 16.60% | 0.375% |
| 256    | 15.806 | 15.787 | 15.821 | VV | 281057 | 5648399  | 7.26%  | 0.164% |
| 257    | 15.838 | 15.821 | 15.858 | VV | 293643 | 6290947  | 8.09%  | 0.183% |
| 258    | 15.879 | 15.858 | 15.898 | VV | 277698 | 6450525  | 8.29%  | 0.188% |
| 259    | 15.937 | 15.898 | 15.994 | VV | 287648 | 16001720 | 20.57% | 0.465% |
| 260    | 16.007 | 15.994 | 16.041 | VV | 258120 | 7017954  | 9.02%  | 0.204% |
| 261    | 16.078 | 16.041 | 16.128 | VV | 249093 | 12594785 | 16.19% | 0.366% |
| 262    | 16.145 | 16.128 | 16.190 | VV | 241857 | 8887603  | 11.43% | 0.259% |
| 263    | 16.235 | 16.190 | 16.311 | VV | 247598 | 16945697 | 21.79% | 0.493% |
| 264    | 16.319 | 16.311 | 16.359 | VV | 226327 | 6352191  | 8.17%  | 0.185% |
| 265    | 16.381 | 16.359 | 16.394 | VV | 218954 | 4517200  | 5.81%  | 0.131% |
| 266    | 16.414 | 16.394 | 16.438 | VV | 223407 | 5654266  | 7.27%  | 0.164% |
| 267    | 16.458 | 16.438 | 16.479 | VV | 223680 | 5309254  | 6.83%  | 0.154% |
| 268    | 16.510 | 16.479 | 16.528 | VV | 208889 | 5932293  | 7.63%  | 0.173% |
| 269    | 16.536 | 16.528 | 16.561 | VV | 203725 | 3931475  | 5.05%  | 0.114% |
| 270    | 16.592 | 16.561 | 16.601 | VV | 202856 | 4717032  | 6.06%  | 0.137% |
| 271    | 16.621 | 16.601 | 16.678 | VV | 213597 | 9107552  | 11.71% | 0.265% |
| 272    | 16.729 | 16.678 | 16.768 | VV | 205054 | 10349202 | 13.31% | 0.301% |
| 273    | 16.792 | 16.768 | 16.845 | VV | 191275 | 8189733  | 10.53% | 0.238% |
| 274    | 16.863 | 16.845 | 16.907 | VV | 174846 | 6255795  | 8.04%  | 0.182% |
| 275    | 16.918 | 16.907 | 16.988 | VV | 168307 | 7593572  | 9.76%  | 0.221% |
| 276    | 17.006 | 16.988 | 17.023 | VV | 153057 | 3078111  | 3.96%  | 0.090% |
| 277    | 17.058 | 17.023 | 17.084 | VV | 174031 | 5915677  | 7.61%  | 0.172% |
| 278    | 17.140 | 17.084 | 17.195 | VV | 160805 | 9788459  | 12.58% | 0.285% |
| 279    | 17.234 | 17.195 | 17.311 | VV | 142444 | 9174360  | 11.80% | 0.267% |
| 280    | 17.343 | 17.311 | 17.358 | VV | 126780 | 3413079  | 4.39%  | 0.099% |
| 281    | 17.366 | 17.358 | 17.384 | VV | 124798 | 1960305  | 2.52%  | 0.057% |
| 282    | 17.402 | 17.384 | 17.451 | VV | 128966 | 4698114  | 6.04%  | 0.137% |
| 283    | 17.520 | 17.451 | 17.575 | VV | 117681 | 8292131  | 10.66% | 0.241% |
| 284    | 17.604 | 17.575 | 17.658 | VV | 111112 | 5182322  | 6.66%  | 0.151% |
| 285    | 17.694 | 17.658 | 17.760 | VV | 102329 | 5818726  | 7.48%  | 0.169% |
| 286    | 17.778 | 17.760 | 17.788 | VV | 88130  | 1431217  | 1.84%  | 0.042% |
| 287    | 17.804 | 17.788 | 17.834 | VV | 90696  | 2385685  | 3.07%  | 0.069% |
| 288    | 17.850 | 17.834 | 17.887 | VV | 83671  | 2527964  | 3.25%  | 0.074% |
| 289    | 17.948 | 17.887 | 18.023 | VV | 85095  | 6048831  | 7.78%  | 0.176% |
| 290    | 18.045 | 18.023 | 18.099 | VV | 69467  | 2968225  | 3.82%  | 0.086% |
| 291    | 18.111 | 18.099 | 18.141 | VV | 65055  | 1556063  | 2.00%  | 0.045% |
| 292    | 18.174 | 18.141 | 18.208 | VV | 60342  | 2349030  | 3.02%  | 0.068% |
| 293    | 18.216 | 18.208 | 18.231 | VV | 56642  | 779771   | 1.00%  | 0.023% |
| 294    | 18.250 | 18.231 | 18.296 | VV | 58336  | 2105602  | 2.71%  | 0.061% |
| 295    | 18.323 | 18.296 | 18.371 | VV | 54453  | 2229805  | 2.87%  | 0.065% |
| 296    | 18.418 | 18.371 | 18.444 | VV | 53961  | 2161342  | 2.78%  | 0.063% |
| 297    | 18.453 | 18.444 | 18.501 | VV | 51353  | 1520233  | 1.95%  | 0.044% |
| 298    | 18.521 | 18.501 | 18.595 | VV | 42005  | 2220377  | 2.85%  | 0.065% |
| 299    | 18.618 | 18.595 | 18.711 | VV | 40834  | 2580261  | 3.32%  | 0.075% |

|     |        |        |        |    |        |         |       |        |
|-----|--------|--------|--------|----|--------|---------|-------|--------|
|     |        |        |        |    | rteres |         |       |        |
| 300 | 18.752 | 18.711 | 18.767 | VV | 33797  | 1067980 | 1.37% | 0.031% |
| 301 | 18.785 | 18.767 | 18.834 | VV | 37756  | 1277931 | 1.64% | 0.037% |
| 302 | 18.864 | 18.834 | 18.923 | VV | 35274  | 1517170 | 1.95% | 0.044% |
| 303 | 18.938 | 18.923 | 19.053 | VV | 25951  | 1829596 | 2.35% | 0.053% |
| 304 | 19.083 | 19.053 | 19.131 | VV | 24874  | 1037938 | 1.33% | 0.030% |
| 305 | 19.138 | 19.131 | 19.158 | VV | 20665  | 324289  | 0.42% | 0.009% |
| 306 | 19.201 | 19.158 | 19.241 | VV | 23094  | 1049047 | 1.35% | 0.031% |
| 307 | 19.258 | 19.241 | 19.306 | VV | 20951  | 754177  | 0.97% | 0.022% |
| 308 | 19.342 | 19.306 | 19.363 | VV | 23612  | 697503  | 0.90% | 0.020% |
| 309 | 19.376 | 19.363 | 19.394 | VV | 20224  | 355565  | 0.46% | 0.010% |
| 310 | 19.400 | 19.394 | 19.421 | VV | 19409  | 289437  | 0.37% | 0.008% |
| 311 | 19.487 | 19.421 | 19.568 | VV | 22217  | 1710791 | 2.20% | 0.050% |
| 312 | 19.575 | 19.568 | 19.585 | VV | 18935  | 191120  | 0.25% | 0.006% |
| 313 | 19.616 | 19.585 | 19.653 | VV | 22167  | 835285  | 1.07% | 0.024% |
| 314 | 19.666 | 19.653 | 19.702 | VV | 21311  | 595582  | 0.77% | 0.017% |
| 315 | 19.741 | 19.702 | 19.754 | VV | 22277  | 654478  | 0.84% | 0.019% |
| 316 | 19.782 | 19.754 | 19.796 | VV | 21696  | 521351  | 0.67% | 0.015% |
| 317 | 19.822 | 19.796 | 19.831 | VV | 20825  | 411117  | 0.53% | 0.012% |
| 318 | 19.924 | 19.831 | 19.947 | VV | 25580  | 1616150 | 2.08% | 0.047% |
| 319 | 19.964 | 19.947 | 19.984 | VV | 26258  | 555106  | 0.71% | 0.016% |
| 320 | 20.005 | 19.984 | 20.081 | VV | 28986  | 1534131 | 1.97% | 0.045% |
| 321 | 20.122 | 20.081 | 20.136 | VV | 24043  | 772145  | 0.99% | 0.022% |
| 322 | 20.167 | 20.136 | 20.188 | VV | 31668  | 866864  | 1.11% | 0.025% |
| 323 | 20.204 | 20.188 | 20.224 | VV | 28717  | 594771  | 0.76% | 0.017% |
| 324 | 20.249 | 20.224 | 20.274 | VV | 30563  | 881363  | 1.13% | 0.026% |
| 325 | 20.301 | 20.274 | 20.368 | VV | 28773  | 1498591 | 1.93% | 0.044% |
| 326 | 20.385 | 20.368 | 20.402 | VV | 27009  | 521457  | 0.67% | 0.015% |
| 327 | 20.422 | 20.402 | 20.456 | VV | 27514  | 862171  | 1.11% | 0.025% |
| 328 | 20.513 | 20.456 | 20.574 | VV | 138865 | 3471200 | 4.46% | 0.101% |
| 329 | 20.610 | 20.574 | 20.650 | VV | 31682  | 1348983 | 1.73% | 0.039% |
| 330 | 20.690 | 20.650 | 20.736 | VV | 32828  | 1629845 | 2.10% | 0.047% |
| 331 | 20.777 | 20.736 | 20.808 | VV | 32957  | 1308436 | 1.68% | 0.038% |
| 332 | 20.821 | 20.808 | 20.843 | VV | 28871  | 587235  | 0.75% | 0.017% |
| 333 | 20.855 | 20.843 | 20.864 | VV | 27671  | 347331  | 0.45% | 0.010% |
| 334 | 20.881 | 20.864 | 20.910 | VV | 28759  | 750459  | 0.96% | 0.022% |
| 335 | 20.955 | 20.910 | 20.984 | VV | 31731  | 1307344 | 1.68% | 0.038% |
| 336 | 20.998 | 20.984 | 21.054 | VV | 30819  | 1175632 | 1.51% | 0.034% |
| 337 | 21.066 | 21.054 | 21.151 | VV | 26567  | 1334888 | 1.72% | 0.039% |
| 338 | 21.171 | 21.151 | 21.193 | VV | 21293  | 514289  | 0.66% | 0.015% |
| 339 | 21.295 | 21.193 | 21.491 | VV | 26829  | 3774202 | 4.85% | 0.110% |
| 340 | 21.504 | 21.491 | 21.528 | VV | 16098  | 333633  | 0.43% | 0.010% |
| 341 | 21.541 | 21.528 | 21.559 | VV | 16009  | 283124  | 0.36% | 0.008% |
| 342 | 21.591 | 21.559 | 21.609 | VV | 16518  | 462266  | 0.59% | 0.013% |
| 343 | 21.636 | 21.609 | 21.682 | VV | 16124  | 635737  | 0.82% | 0.018% |
| 344 | 21.695 | 21.682 | 21.711 | VV | 12668  | 211252  | 0.27% | 0.006% |
| 345 | 21.721 | 21.711 | 21.750 | VV | 12617  | 288629  | 0.37% | 0.008% |
| 346 | 21.785 | 21.750 | 21.808 | VV | 12714  | 405912  | 0.52% | 0.012% |
| 347 | 21.834 | 21.808 | 21.854 | VV | 13521  | 360500  | 0.46% | 0.010% |
| 348 | 21.894 | 21.854 | 21.930 | VV | 15019  | 608099  | 0.78% | 0.018% |
| 349 | 21.953 | 21.930 | 22.017 | VV | 12644  | 566640  | 0.73% | 0.016% |
| 350 | 22.047 | 22.017 | 22.074 | VV | 9121   | 299624  | 0.39% | 0.009% |
| 351 | 22.087 | 22.074 | 22.098 | VV | 8538   | 116928  | 0.15% | 0.003% |

|     |        |        |        |     |                                    |        |       |        |  |
|-----|--------|--------|--------|-----|------------------------------------|--------|-------|--------|--|
|     |        |        |        |     | rteres                             |        |       |        |  |
| 352 | 22.106 | 22.098 | 22.117 | VV  | 8221                               | 87992  | 0.11% | 0.003% |  |
| 353 | 22.129 | 22.117 | 22.145 | VV  | 8421                               | 130646 | 0.17% | 0.004% |  |
| 354 | 22.164 | 22.145 | 22.200 | VV  | 7537                               | 231521 | 0.30% | 0.007% |  |
| 355 | 22.222 | 22.200 | 22.230 | VV  | 7956                               | 134594 | 0.17% | 0.004% |  |
| 356 | 22.279 | 22.230 | 22.301 | VBA | 8719                               | 406896 | 0.52% | 0.012% |  |
|     |        |        |        |     | Sum of corrected areas: 3437786546 |        |       |        |  |

Aliphatic EPH 062725.M Wed Jul 23 05:33:38 2025