

Instrument :

FID\_E

ClientSampleId :

TP-1DL

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE06112  
Data File : FE054283.D  
Signal(s) : FID1B.ch  
Acq On : 10 Jun 2025 12:47  
Sample : Q2240-09DL 2X  
Misc :  
ALS Vial : 15 Sample Multiplier: 1

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 06/11/2025  
Supervised By :mohammad ahmed 06/12/2025

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 061025.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         | 7.058       | 7.041        | 7.074      | VV       | 189            | 3032         | 0.06%          | 0.005%        |
| 2         | 7.084       | 7.074        | 7.110      | VV       | 209            | 2902         | 0.06%          | 0.005%        |
| 3         | 7.157       | 7.110        | 7.174      | VV       | 250            | 5859         | 0.11%          | 0.010%        |
| 4         | 7.190       | 7.174        | 7.226      | VV       | 228            | 4883         | 0.09%          | 0.008%        |
| 5         | 7.301       | 7.226        | 7.323      | VV       | 440            | 16440        | 0.31%          | 0.027%        |
| 6         | 7.348       | 7.323        | 7.383      | VV       | 806            | 15236        | 0.29%          | 0.025%        |
| 7         | 7.406       | 7.383        | 7.504      | VV       | 630            | 20925        | 0.40%          | 0.035%        |
| 8         | 7.516       | 7.504        | 7.538      | VV       | 287            | 4679         | 0.09%          | 0.008%        |
| 9         | 7.576       | 7.538        | 7.641      | VV       | 737            | 19623        | 0.38%          | 0.033%        |
| 10        | 7.649       | 7.641        | 7.688      | VV       | 183            | 3320         | 0.06%          | 0.006%        |
| 11        | 7.706       | 7.688        | 7.728      | VV       | 197            | 2687         | 0.05%          | 0.004%        |
| 12        | 7.733       | 7.728        | 7.736      | VV       | 173            | 671          | 0.01%          | 0.001%        |
| 13        | 7.749       | 7.736        | 7.781      | VV       | 267            | 3577         | 0.07%          | 0.006%        |
| 14        | 8.145       | 8.134        | 8.165      | VV       | 1093           | 18731        | 0.36%          | 0.031%        |
| 15        | 8.177       | 8.165        | 8.258      | VV       | 1019           | 44106        | 0.84%          | 0.074%        |
| 16        | 8.278       | 8.258        | 8.340      | VV       | 1058           | 35923        | 0.69%          | 0.060%        |
| 17        | 8.387       | 8.340        | 8.408      | VV       | 1214           | 30733        | 0.59%          | 0.051%        |
| 18        | 8.460       | 8.408        | 8.520      | VV       | 1371           | 56336        | 1.08%          | 0.094%        |
| 19        | 8.573       | 8.520        | 8.651      | VV       | 4011           | 104591       | 2.00%          | 0.174%        |
| 20        | 8.661       | 8.651        | 8.694      | VV       | 510            | 9172         | 0.18%          | 0.015%        |
| 21        | 8.708       | 8.694        | 8.741      | VV       | 273            | 5458         | 0.10%          | 0.009%        |
| 22        | 8.999       | 8.984        | 9.098      | VV       | 2017           | 83425        | 1.60%          | 0.139%        |
| 23        | 9.115       | 9.098        | 9.138      | VV       | 1028           | 20415        | 0.39%          | 0.034%        |
| 24        | 9.162       | 9.138        | 9.169      | VV       | 878            | 15881        | 0.30%          | 0.026%        |
| 25        | 9.195       | 9.169        | 9.268      | VV       | 1318           | 49341        | 0.94%          | 0.082%        |
| 26        | 9.290       | 9.268        | 9.313      | VV       | 1667           | 28742        | 0.55%          | 0.048%        |
| 27        | 9.324       | 9.313        | 9.354      | VV       | 741            | 15004        | 0.29%          | 0.025%        |
| 28        | 9.364       | 9.354        | 9.391      | VV       | 416            | 6868         | 0.13%          | 0.011%        |
| 29        | 9.438       | 9.391        | 9.459      | VV       | 786            | 18740        | 0.36%          | 0.031%        |
| 30        | 9.477       | 9.459        | 9.518      | VV       | 676            | 14128        | 0.27%          | 0.024%        |
| 31        | 9.539       | 9.531        | 9.548      | VV       | 249            | 2309         | 0.04%          | 0.004%        |
| 32        | 9.576       | 9.548        | 9.607      | VV       | 496            | 11408        | 0.22%          | 0.019%        |
| 33        | 9.620       | 9.607        | 9.640      | VV       | 287            | 3559         | 0.07%          | 0.006%        |
| 34        | 9.680       | 9.640        | 9.721      | VV       | 803            | 23053        | 0.44%          | 0.038%        |
| 35        | 9.739       | 9.721        | 9.780      | VV       | 689            | 15587        | 0.30%          | 0.026%        |
| 36        | 9.820       | 9.780        | 9.888      | VV       | 597            | 26180        | 0.50%          | 0.044%        |

|    |        |        |        |    | nteres |         |        |        |
|----|--------|--------|--------|----|--------|---------|--------|--------|
| 37 | 9.901  | 9.888  | 9.924  | VV | 303    | 5133    | 0.10%  | 0.009% |
| 38 | 10.073 | 10.052 | 10.151 | VV | 2220   | 67845   |        |        |
| 39 | 10.156 | 10.151 | 10.221 | VV | 637    | 20295   |        |        |
| 40 | 10.347 | 10.327 | 10.374 | PV | 143    | 1827    |        |        |
| 41 | 10.415 | 10.374 | 10.445 | VV | 2276   | 35340   |        |        |
| 42 | 10.460 | 10.445 | 10.494 | VV | 633    | 12281   |        |        |
| 43 | 10.524 | 10.494 | 10.538 | VV | 505    | 9919    | 0.19%  | 0.017% |
| 44 | 10.549 | 10.538 | 10.577 | VV | 532    | 10573   | 0.20%  | 0.018% |
| 45 | 10.603 | 10.577 | 10.640 | VV | 641    | 14800   | 0.28%  | 0.025% |
| 46 | 10.692 | 10.640 | 10.713 | VV | 607    | 18330   | 0.35%  | 0.031% |
| 47 | 10.739 | 10.713 | 10.758 | VV | 494    | 10530   | 0.20%  | 0.018% |
| 48 | 10.813 | 10.758 | 10.861 | VV | 1709   | 44400   | 0.85%  | 0.074% |
| 49 | 10.886 | 10.861 | 10.924 | VV | 1122   | 29829   | 0.57%  | 0.050% |
| 50 | 10.938 | 10.924 | 10.971 | VV | 634    | 11464   | 0.22%  | 0.019% |
| 51 | 10.981 | 10.971 | 10.996 | VV | 166    | 2024    | 0.04%  | 0.003% |
| 52 | 11.032 | 10.996 | 11.058 | VV | 286    | 6909    | 0.13%  | 0.012% |
| 53 | 11.264 | 11.254 | 11.358 | VV | 568    | 16463   | 0.31%  | 0.027% |
| 54 | 11.389 | 11.358 | 11.409 | PV | 634    | 10913   | 0.21%  | 0.018% |
| 55 | 11.518 | 11.494 | 11.549 | VV | 1526   | 25069   | 0.48%  | 0.042% |
| 56 | 11.560 | 11.549 | 11.580 | VV | 369    | 4798    | 0.09%  | 0.008% |
| 57 | 11.608 | 11.580 | 11.657 | VV | 1153   | 21465   | 0.41%  | 0.036% |
| 58 | 11.674 | 11.657 | 11.694 | VV | 504    | 6562    | 0.13%  | 0.011% |
| 59 | 11.718 | 11.694 | 11.778 | VV | 471    | 12745   | 0.24%  | 0.021% |
| 60 | 11.833 | 11.778 | 11.869 | PV | 273208 | 3181289 | 60.84% | 5.306% |
| 61 | 11.884 | 11.869 | 11.901 | VV | 3515   | 54919   | 1.05%  | 0.092% |
| 62 | 11.919 | 11.901 | 11.965 | VV | 3435   | 78151   | 1.49%  | 0.130% |
| 63 | 11.995 | 11.965 | 12.014 | VV | 2897   | 54423   | 1.04%  | 0.091% |
| 64 | 12.030 | 12.014 | 12.046 | VV | 2647   | 40769   | 0.78%  | 0.068% |
| 65 | 12.064 | 12.046 | 12.111 | VV | 2796   | 55214   | 1.06%  | 0.092% |
| 66 | 12.501 | 12.481 | 12.521 | VV | 318    | 4751    | 0.09%  | 0.008% |
| 67 | 12.540 | 12.521 | 12.550 | PV | 389    | 4428    | 0.08%  | 0.007% |
| 68 | 12.573 | 12.550 | 12.594 | VV | 392    | 8002    | 0.15%  | 0.013% |
| 69 | 12.631 | 12.594 | 12.657 | VV | 792    | 21723   | 0.42%  | 0.036% |
| 70 | 12.781 | 12.728 | 12.803 | VV | 4449   | 90998   | 1.74%  | 0.152% |
| 71 | 12.998 | 12.975 | 13.018 | VV | 636    | 12675   | 0.24%  | 0.021% |
| 72 | 13.050 | 13.018 | 13.075 | VV | 1840   | 38998   | 0.75%  | 0.065% |
| 73 | 13.091 | 13.075 | 13.110 | VV | 1621   | 25515   | 0.49%  | 0.043% |
| 74 | 13.121 | 13.110 | 13.138 | VV | 1023   | 13780   | 0.26%  | 0.023% |
| 75 | 13.154 | 13.138 | 13.171 | VV | 1080   | 17657   | 0.34%  | 0.029% |
| 76 | 13.278 | 13.242 | 13.351 | VV | 201050 | 2607670 | 49.87% | 4.350% |
| 77 | 13.382 | 13.351 | 13.419 | VV | 1346   | 40534   | 0.78%  | 0.068% |
| 78 | 13.445 | 13.419 | 13.463 | VV | 1798   | 29497   | 0.56%  | 0.049% |
| 79 | 13.485 | 13.463 | 13.512 | VV | 1983   | 38299   | 0.73%  | 0.064% |
| 80 | 13.799 | 13.731 | 13.844 | VV | 5104   | 139112  | 2.66%  | 0.232% |
| 81 | 13.859 | 13.844 | 13.877 | VV | 1208   | 18529   | 0.35%  | 0.031% |
| 82 | 13.906 | 13.877 | 13.924 | VV | 2427   | 43886   | 0.84%  | 0.073% |
| 83 | 13.944 | 13.924 | 14.006 | VV | 4217   | 97237   | 1.86%  | 0.162% |
| 84 | 14.035 | 14.006 | 14.048 | VV | 2641   | 43705   | 0.84%  | 0.073% |
| 85 | 14.070 | 14.048 | 14.095 | VV | 4398   | 78393   | 1.50%  | 0.131% |
| 86 | 14.114 | 14.095 | 14.161 | VV | 2944   | 57420   | 1.10%  | 0.096% |
| 87 | 14.177 | 14.161 | 14.213 | VV | 498    | 11451   | 0.22%  | 0.019% |
| 88 | 14.239 | 14.213 | 14.259 | VV | 847    | 15785   | 0.30%  | 0.026% |
| 89 | 14.597 | 14.578 | 14.619 | VV | 2553   | 47609   | 0.91%  | 0.079% |

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|     |        |        |        |    |       |         |        |        |
|-----|--------|--------|--------|----|-------|---------|--------|--------|
| 90  | 14.638 | 14.619 | 14.688 | VV | 1808  | 48806   | 0.93%  | 0.081% |
| 91  | 14.723 | 14.688 | 14.749 | VV | 3952  | 86033   |        |        |
| 92  | 14.776 | 14.749 | 14.818 | VV | 6726  | 136490  |        |        |
| 93  | 14.838 | 14.818 | 14.857 | VV | 1965  | 36864   |        |        |
| 94  | 14.886 | 14.857 | 14.919 | VV | 2522  | 64161   |        |        |
| 95  | 14.932 | 14.919 | 14.952 | VV | 1038  | 18122   |        |        |
| 96  | 16.164 | 16.136 | 16.284 | VV | 1825  | 68988   | 1.32%  | 0.115% |
| 97  | 16.292 | 16.284 | 16.321 | VV | 211   | 3140    | 0.06%  | 0.005% |
| 98  | 16.366 | 16.321 | 16.390 | PV | 1364  | 26647   | 0.51%  | 0.044% |
| 99  | 16.460 | 16.390 | 16.490 | PV | 2373  | 78890   | 1.51%  | 0.132% |
| 100 | 16.577 | 16.490 | 16.600 | VV | 1991  | 83268   | 1.59%  | 0.139% |
| 101 | 16.792 | 16.762 | 16.880 | VV | 7680  | 192855  | 3.69%  | 0.322% |
| 102 | 16.932 | 16.880 | 16.954 | VV | 7317  | 142319  | 2.72%  | 0.237% |
| 103 | 16.981 | 16.954 | 17.016 | VV | 22685 | 380350  | 7.27%  | 0.634% |
| 104 | 17.147 | 17.123 | 17.212 | VV | 8713  | 227591  | 4.35%  | 0.380% |
| 105 | 17.344 | 17.327 | 17.372 | VV | 2948  | 70906   | 1.36%  | 0.118% |
| 106 | 17.410 | 17.372 | 17.421 | VV | 4496  | 100792  | 1.93%  | 0.168% |
| 107 | 17.435 | 17.421 | 17.484 | VV | 4460  | 131743  | 2.52%  | 0.220% |
| 108 | 17.566 | 17.484 | 17.610 | VV | 5808  | 286011  | 5.47%  | 0.477% |
| 109 | 17.645 | 17.610 | 17.657 | VV | 4132  | 102168  | 1.95%  | 0.170% |
| 110 | 17.672 | 17.657 | 17.687 | VV | 4359  | 73963   | 1.41%  | 0.123% |
| 111 | 17.709 | 17.687 | 17.745 | VV | 5228  | 157593  | 3.01%  | 0.263% |
| 112 | 17.763 | 17.745 | 17.804 | VV | 4141  | 132177  | 2.53%  | 0.220% |
| 113 | 17.844 | 17.804 | 17.868 | VV | 4431  | 150181  | 2.87%  | 0.251% |
| 114 | 17.895 | 17.868 | 17.914 | VV | 4458  | 115244  | 2.20%  | 0.192% |
| 115 | 18.003 | 17.914 | 18.028 | VV | 6994  | 345858  | 6.61%  | 0.577% |
| 116 | 18.041 | 18.028 | 18.063 | VV | 5475  | 112904  | 2.16%  | 0.188% |
| 117 | 18.139 | 18.063 | 18.174 | VV | 8007  | 422906  | 8.09%  | 0.705% |
| 118 | 18.197 | 18.174 | 18.210 | VV | 7258  | 152085  | 2.91%  | 0.254% |
| 119 | 18.235 | 18.210 | 18.261 | VV | 7405  | 218480  | 4.18%  | 0.364% |
| 120 | 18.276 | 18.261 | 18.298 | VV | 7137  | 153547  | 2.94%  | 0.256% |
| 121 | 18.338 | 18.298 | 18.392 | VV | 12338 | 522368  | 9.99%  | 0.871% |
| 122 | 18.434 | 18.392 | 18.494 | VV | 22382 | 851785  | 16.29% | 1.421% |
| 123 | 18.505 | 18.494 | 18.541 | VV | 11401 | 285017  | 5.45%  | 0.475% |
| 124 | 18.593 | 18.541 | 18.651 | VV | 11198 | 673638  | 12.88% | 1.124% |
| 125 | 18.687 | 18.651 | 18.774 | VV | 21551 | 957320  | 18.31% | 1.597% |
| 126 | 18.836 | 18.774 | 18.908 | VV | 13970 | 903399  | 17.28% | 1.507% |
| 127 | 18.931 | 18.908 | 18.953 | VV | 11682 | 306718  | 5.87%  | 0.512% |
| 128 | 19.006 | 18.953 | 19.017 | VV | 11749 | 437389  | 8.36%  | 0.730% |
| 129 | 19.029 | 19.017 | 19.050 | VV | 11961 | 231251  | 4.42%  | 0.386% |
| 130 | 19.116 | 19.050 | 19.126 | VV | 13461 | 572997  | 10.96% | 0.956% |
| 131 | 19.144 | 19.126 | 19.167 | VV | 13743 | 332386  | 6.36%  | 0.554% |
| 132 | 19.232 | 19.167 | 19.278 | VV | 15936 | 1004885 | 19.22% | 1.676% |
| 133 | 19.322 | 19.278 | 19.338 | VV | 16161 | 560567  | 10.72% | 0.935% |
| 134 | 19.394 | 19.338 | 19.417 | VV | 16663 | 776845  | 14.86% | 1.296% |
| 135 | 19.539 | 19.417 | 19.547 | VV | 18437 | 1355947 | 25.93% | 2.262% |
| 136 | 19.623 | 19.547 | 19.671 | VV | 20756 | 1478661 | 28.28% | 2.466% |
| 137 | 19.741 | 19.671 | 19.763 | VV | 21655 | 1168428 | 22.34% | 1.949% |
| 138 | 19.876 | 19.763 | 19.898 | VV | 27281 | 1938859 | 37.08% | 3.234% |
| 139 | 19.984 | 19.898 | 20.016 | VV | 28981 | 1993207 | 38.12% | 3.325% |
| 140 | 20.036 | 20.016 | 20.051 | VV | 28309 | 596453  | 11.41% | 0.995% |
| 141 | 20.264 | 20.051 | 20.282 | VV | 34626 | 4202290 | 80.36% | 7.009% |

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|                         |        |        |        |    |       |          |         |        |  |
|-------------------------|--------|--------|--------|----|-------|----------|---------|--------|--|
| rteres                  |        |        |        |    |       |          |         |        |  |
| 142                     | 20.292 | 20.282 | 20.298 | VV | 34359 | 321918   | 6.16%   | 0.537% |  |
| 143                     | 20.366 | 20.298 | 20.378 | VV | 36678 | 1701318  | 32      |        |  |
| 144                     | 20.519 | 20.378 | 20.538 | VV | 40406 | 3645067  | 69      |        |  |
| 145                     | 20.630 | 20.538 | 20.641 | VV | 43599 | 2611400  | 49      |        |  |
| 146                     | 20.716 | 20.641 | 20.734 | VV | 45361 | 2486261  | 47      |        |  |
| 147                     | 20.766 | 20.734 | 20.779 | VV | 45742 | 1235959  | 23      |        |  |
| 148                     | 20.880 | 20.779 | 20.891 | VV | 48310 | 3150694  | 60.25%  | 5.255% |  |
| 149                     | 20.924 | 20.891 | 21.028 | VV | 48593 | 3919732  | 74.96%  | 6.538% |  |
| 150                     | 21.086 | 21.028 | 21.100 | VV | 48028 | 2062933  | 39.45%  | 3.441% |  |
| 151                     | 21.201 | 21.100 | 21.283 | VV | 48278 | 5229164  | 100.00% | 8.722% |  |
| Sum of corrected areas: |        |        |        |    |       | 59951394 |         |        |  |

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Aliphatic EPH 061025.M Wed Jun 11 11:16:41 2025