

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD040225AL\  
 Data File : FD049226.D  
 Signal(s) : FID2B.ch  
 Acq On : 03 Apr 2025 03:00  
 Operator : YP/AJ  
 Sample : 5 PPM ALIPHATIC HC STD5  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 FID\_D  
 ClientSampleId :  
 5 PPM ALIPHATIC HC STD5

Integration File: autoint1.e  
 Quant Time: Apr 03 07:10:47 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aliphatic EPH 040225.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Apr 03 07:07:22 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 1 ul  
 Signal Phase : Rxi-1ms  
 Signal Info : 20M x 0.18mm x 0.18um

| Compound                       | R.T.   | Response   | Conc Units  |
|--------------------------------|--------|------------|-------------|
| -----                          |        |            |             |
| System Monitoring Compounds    |        |            |             |
| 9) S ortho-Terphenyl (SURR)    | 11.657 | 888300     | 4.979 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 9.96%       |
| 12) S 1-chlorooctadecane (S... | 13.083 | 640034     | 4.923 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 9.85%       |
|                                |        |            |             |
| Target Compounds               |        |            |             |
| 1) T n-Nonane (C9)             | 3.430  | 637556     | 5.164 ug/ml |
| 2) T n-Decane (C10)            | 4.499  | 648608     | 5.179 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.088  | 747069     | 5.082 ug/ml |
| 4) T n-Dodecane (C12)          | 6.514  | 647090     | 5.114 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.141  | 725031     | 5.116 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.303  | 666371     | 5.106 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.898  | 717782     | 5.018 ug/ml |
| 8) T n-Octadecane (C18)        | 11.335 | 778501     | 5.018 ug/ml |
| 10) T n-Eicosane (C20)         | 12.639 | 797681     | 5.157 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.248 | 774945     | 5.046 ug/ml |
| 13) T n-Docosane (C22)         | 13.832 | 838535     | 5.469 ug/ml |
| 14) T n-Tetracosane (C24)      | 14.930 | 950590     | 6.274 ug/ml |
| 15) T n-Hexacosane (C26)       | 15.947 | 993865     | 6.867 ug/ml |
| 16) T n-Octacosane (C28)       | 16.892 | 994263     | 7.334 ug/ml |
| 17) T n-Tricontane (C30)       | 17.774 | 940798     | 7.249 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.603 | 837068     | 7.152 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.382 | 597194     | 6.020 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.118 | 436130     | 5.558 ug/ml |
| 21) T n-Octatriacontane (C38)  | 20.857 | 316605     | 5.039 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.778 | 218611     | 4.793 ug/ml |
| -----                          |        |            |             |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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