

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC062024AL\  
 Data File : FC066645.D  
 Signal(s) : FID1A.ch  
 Acq On : 20 Jun 2024 12:26  
 Operator : YP/AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 FID\_C  
 ClientSampleId :  
 20 PPM ALIPHATIC HC STD

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 06/21/2024  
 Supervised By :Ankita Jodhani 06/21/2024

Integration File: autoint1.e  
 Quant Time: Jun 21 02:03:26 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 061724.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Jun 17 13:44:39 2024  
 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)    | 11.537 | 3303456    | 19.152 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 38.30%        |
| 12) S 1-chlorooctadecane (S... | 12.974 | 2614273    | 18.947 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 37.89%        |
| Target Compounds               |        |            |               |
| 1) T n-Nonane (C9)             | 3.296  | 2780501    | 19.137 ug/ml  |
| 2) T n-Decane (C10)            | 4.363  | 2902115    | 19.456 ug/ml  |
| 3) T A~Naphthalene (C11.7)     | 5.947  | 3167917    | 19.511 ug/ml  |
| 4) T n-Dodecane (C12)          | 6.382  | 2947209    | 19.446 ug/ml  |
| 5) T A~2-methylnaphthalene...  | 7.004  | 3088643    | 19.442 ug/ml  |
| 6) T n-Tetradecane (C14)       | 8.178  | 2955341    | 19.483 ug/ml  |
| 7) T n-Hexadecane (C16)        | 9.780  | 3138033    | 19.590 ug/ml  |
| 8) T n-Octadecane (C18)        | 11.222 | 3225460    | 19.439 ug/ml  |
| 10) T n-Eicosane (C20)         | 12.531 | 3133158    | 19.273 ug/ml  |
| 11) T n-Heneicosane (C21)      | 13.143 | 3074558    | 19.082 ug/ml  |
| 13) T n-Docosane (C22)         | 13.729 | 3063736    | 19.110 ug/ml  |
| 14) T n-Tetracosane (C24)      | 14.832 | 3007246    | 18.948 ug/ml  |
| 15) T n-Hexacosane (C26)       | 15.852 | 2885006    | 18.894 ug/ml  |
| 16) T n-Octacosane (C28)       | 16.801 | 2821547    | 19.560 ug/ml  |
| 17) T n-Tricontane (C30)       | 17.689 | 2937525    | 21.025 ug/ml  |
| 18) T n-Dotriacontane (C32)    | 18.521 | 2863693    | 21.699 ug/ml  |
| 19) T n-Tetratriacontane (C34) | 19.305 | 2650220    | 21.429 ug/ml  |
| 20) T n-Hexatriacontane (C36)  | 20.046 | 2462759    | 20.434 ug/ml  |
| 21) T n-Octatriacontane (C38)  | 20.777 | 2279347    | 19.933 ug/ml  |
| 22) T n-Tetracontane (C40)     | 21.678 | 2224473    | 19.806 ug/mlm |
| -----                          |        |            |               |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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