

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC092424AL\  
 Data File : FC067254.D  
 Signal(s) : FID1A.ch  
 Acq On : 24 Sep 2024 19:01  
 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 09/25/2024  
 Supervised By :Ankita Jodhani 09/25/2024

Integration File: autoint1.e  
 Quant Time: Sep 25 02:44:29 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 091024.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Sep 11 02:55:44 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)    | 11.500 | 2500056    | 17.954 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 35.91%        |
| 12) S 1-chlorooctadecane (S... | 12.938 | 1796149    | 18.387 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 36.77%        |
| Target Compounds               |        |            |               |
| 1) T n-Nonane (C9)             | 3.276  | 2401209    | 18.102 ug/ml  |
| 2) T n-Decane (C10)            | 4.340  | 2503528    | 18.640 ug/ml  |
| 3) T A~Naphthalene (C11.7)     | 5.918  | 2601943    | 18.307 ug/ml  |
| 4) T n-Dodecane (C12)          | 6.356  | 2493811    | 18.631 ug/ml  |
| 5) T A~2-methylnaphthalene...  | 6.973  | 2450866    | 18.354 ug/ml  |
| 6) T n-Tetradecane (C14)       | 8.150  | 2405620    | 18.666 ug/ml  |
| 7) T n-Hexadecane (C16)        | 9.748  | 2412427    | 18.712 ug/ml  |
| 8) T n-Octadecane (C18)        | 11.188 | 2394107    | 18.712 ug/ml  |
| 10) T n-Eicosane (C20)         | 12.496 | 2241014    | 18.657 ug/ml  |
| 11) T n-Heneicosane (C21)      | 13.107 | 2182010    | 18.683 ug/ml  |
| 13) T n-Docosane (C22)         | 13.693 | 2164303    | 18.745 ug/ml  |
| 14) T n-Tetracosane (C24)      | 14.795 | 2201934    | 19.390 ug/ml  |
| 15) T n-Hexacosane (C26)       | 15.814 | 2148475    | 19.386 ug/ml  |
| 16) T n-Octacosane (C28)       | 16.762 | 2195527    | 20.325 ug/ml  |
| 17) T n-Tricontane (C30)       | 17.649 | 2396656    | 22.033 ug/ml  |
| 18) T n-Dotriacontane (C32)    | 18.481 | 2405328    | 23.060 ug/mlm |
| 19) T n-Tetratriacontane (C34) | 19.263 | 2212162    | 23.978 ug/ml  |
| 20) T n-Hexatriacontane (C36)  | 20.002 | 1944310    | 24.535 ug/ml  |
| 21) T n-Octatriacontane (C38)  | 20.725 | 1671086    | 22.247 ug/ml  |
| 22) T n-Tetracontane (C40)     | 21.612 | 1398462    | 20.017 ug/ml  |
| -----                          |        |            |               |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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