

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE091024AL\  
 Data File : FE049982.D  
 Signal(s) : FID1B.ch  
 Acq On : 09 Sep 2024 18:48  
 Operator : YP\AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

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

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 09/10/2024  
 Supervised By :Ankita Jodhani 09/10/2024

Integration File: autoint1.e  
 Quant Time: Sep 10 01:28:56 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 091024.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Sep 09 17:11:47 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)    | 11.877 | 2900536    | 19.495 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 38.99%        |
| 12) S 1-chlorooctadecane (S... | 13.312 | 2208249    | 19.659 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 39.32%        |
| Target Compounds               |        |            |               |
| 1) T n-Nonane (C9)             | 3.266  | 2659145    | 19.618 ug/ml  |
| 2) T n-Decane (C10)            | 4.517  | 2702991    | 19.585 ug/ml  |
| 3) T A~Naphthalene (C11.7)     | 6.225  | 2774777    | 19.824 ug/ml  |
| 4) T n-Dodecane (C12)          | 6.684  | 2720422    | 19.673 ug/ml  |
| 5) T A~2-methylnaphthalene...  | 7.320  | 2594970    | 19.743 ug/ml  |
| 6) T n-Tetradecane (C14)       | 8.511  | 2668248    | 19.595 ug/ml  |
| 7) T n-Hexadecane (C16)        | 10.117 | 2729902    | 19.653 ug/ml  |
| 8) T n-Octadecane (C18)        | 11.558 | 2750577    | 19.633 ug/ml  |
| 10) T n-Eicosane (C20)         | 12.866 | 2618359    | 19.519 ug/ml  |
| 11) T n-Heneicosane (C21)      | 13.477 | 2577216    | 19.614 ug/ml  |
| 13) T n-Docosane (C22)         | 14.064 | 2542174    | 19.523 ug/ml  |
| 14) T n-Tetracosane (C24)      | 15.164 | 2535292    | 19.414 ug/ml  |
| 15) T n-Hexacosane (C26)       | 16.184 | 2496506    | 19.513 ug/ml  |
| 16) T n-Octacosane (C28)       | 17.133 | 2517788    | 19.547 ug/ml  |
| 17) T n-Tricontane (C30)       | 18.019 | 2610281    | 19.520 ug/ml  |
| 18) T n-Dotriacontane (C32)    | 18.851 | 2598579    | 19.501 ug/ml  |
| 19) T n-Tetratriacontane (C34) | 19.634 | 2397927    | 19.407 ug/ml  |
| 20) T n-Hexatriacontane (C36)  | 20.374 | 2189286    | 19.732 ug/mlm |
| 21) T n-Octatriacontane (C38)  | 21.100 | 2129335    | 19.309 ug/ml  |
| 22) T n-Tetracontane (C40)     | 21.991 | 2090083    | 19.208 ug/ml  |
| -----                          |        |            |               |

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE091024AL\  
Data File : FE049982.D  
Signal(s) : FID1B.ch  
Acq On : 09 Sep 2024 18:48  
Operator : YP\AJ  
Sample : 20 PPM ALIPHATIC HC STD  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

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

Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 09/10/2024  
Supervised By :Ankita Jodhani 09/10/2024

Integration File: autoint1.e  
Quant Time: Sep 10 01:28:56 2024  
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 091024.  
Quant Title : GC Extractables  
QLast Update : Mon Sep 09 17:11:47 2024  
Response via : Initial Calibration  
Integrator: ChemStation

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

