

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE071124AL\  
 Data File : FE049081.D  
 Signal(s) : FID1B.ch  
 Acq On : 11 Jul 2024 20:19  
 Operator : YP\AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

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

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 07/12/2024  
 Supervised By :Ankita Jodhani 07/12/2024

Integration File: autoint1.e  
 Quant Time: Jul 12 01:31:28 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 062124.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Jun 20 17:53:58 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)    | 11.921 | 2610311    | 15.611 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 31.22%        |
| 12) S 1-chlorooctadecane (S... | 13.356 | 1987307    | 15.455 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 30.91%        |
| Target Compounds               |        |            |               |
| 1) T n-Nonane (C9)             | 3.309  | 2489863    | 16.561 ug/ml  |
| 2) T n-Decane (C10)            | 4.558  | 2594206    | 16.857 ug/ml  |
| 3) T A~Naphthalene (C11.7)     | 6.265  | 2595313    | 16.348 ug/ml  |
| 4) T n-Dodecane (C12)          | 6.724  | 2555320    | 16.553 ug/ml  |
| 5) T A~2-methylnaphthalene...  | 7.360  | 2433695    | 16.071 ug/ml  |
| 6) T n-Tetradecane (C14)       | 8.552  | 2527479    | 16.491 ug/ml  |
| 7) T n-Hexadecane (C16)        | 10.159 | 2559591    | 16.370 ug/ml  |
| 8) T n-Octadecane (C18)        | 11.601 | 2564354    | 16.079 ug/ml  |
| 10) T n-Eicosane (C20)         | 12.910 | 2446072    | 15.777 ug/ml  |
| 11) T n-Heneicosane (C21)      | 13.522 | 2400123    | 15.763 ug/ml  |
| 13) T n-Docosane (C22)         | 14.108 | 2394976    | 15.836 ug/ml  |
| 14) T n-Tetracosane (C24)      | 15.210 | 2424023    | 16.130 ug/ml  |
| 15) T n-Hexacosane (C26)       | 16.230 | 2432705    | 16.478 ug/ml  |
| 16) T n-Octacosane (C28)       | 17.179 | 2508511    | 17.394 ug/ml  |
| 17) T n-Tricontane (C30)       | 18.066 | 2802494    | 19.156 ug/ml  |
| 18) T n-Dotriacontane (C32)    | 18.897 | 2907344    | 20.334 ug/mlm |
| 19) T n-Tetratriacontane (C34) | 19.682 | 2777478    | 20.073 ug/ml  |
| 20) T n-Hexatriacontane (C36)  | 20.420 | 2646646    | 20.364 ug/mlm |
| 21) T n-Octatriacontane (C38)  | 21.155 | 2625977    | 20.484 ug/mlm |
| 22) T n-Tetracontane (C40)     | 22.067 | 2849570    | 23.269 ug/mlm |
| -----                          |        |            |               |

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE071124AL\  
Data File : FE049081.D  
Signal(s) : FID1B.ch  
Acq On : 11 Jul 2024 20:19  
Operator : YP\AJ  
Sample : 20 PPM ALIPHATIC HC STD  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

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

Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 07/12/2024  
Supervised By :Ankita Jodhani 07/12/2024

Integration File: autoint1.e  
Quant Time: Jul 12 01:31:28 2024  
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 062124.M  
Quant Title : GC Extractables  
QLast Update : Thu Jun 20 17:53:58 2024  
Response via : Initial Calibration  
Integrator: ChemStation

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

