

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE021323AL\  
 Data File : FE040337.D  
 Signal(s) : FID1B.ch  
 Acq On : 13 Feb 2023 22:39  
 Operator : YP\AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

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

Manual Integrations  
 APPROVED

Reviewed By :Ankita Jodhani 02/14/2023  
 Supervised By :Sohil Jodhani 02/14/2023

Integration File: autoint1.e  
 Quant Time: Feb 14 00:51:49 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 020223.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Feb 02 04:52:48 2023  
 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)    | 11.897 | 3878626    | 23.963 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 47.93%        |
| 12) S 1-chlorooctadecane (S... | 13.335 | 2960554    | 23.871 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 47.74%        |
| Target Compounds               |        |            |               |
| 1) T n-Nonane (C9)             | 3.287  | 3304238    | 24.277 ug/ml  |
| 2) T n-Decane (C10)            | 4.537  | 3235497    | 24.351 ug/ml  |
| 3) T A~Naphthalene (C11.7)     | 6.240  | 3606361    | 24.642 ug/ml  |
| 4) T n-Dodecane (C12)          | 6.702  | 3290343    | 24.438 ug/ml  |
| 5) T A~2-methylnaphthalene...  | 7.335  | 3357766    | 24.807 ug/ml  |
| 6) T n-Tetradecane (C14)       | 8.529  | 3339329    | 24.230 ug/ml  |
| 7) T n-Hexadecane (C16)        | 10.138 | 3463754    | 24.134 ug/ml  |
| 8) T n-Octadecane (C18)        | 11.580 | 3557518    | 23.916 ug/ml  |
| 10) T n-Eicosane (C20)         | 12.890 | 3484470    | 23.701 ug/ml  |
| 11) T n-Heneicosane (C21)      | 13.503 | 3496647    | 23.707 ug/ml  |
| 13) T n-Docosane (C22)         | 14.090 | 3466103    | 23.393 ug/ml  |
| 14) T n-Tetracosane (C24)      | 15.194 | 3441574    | 22.672 ug/ml  |
| 15) T n-Hexacosane (C26)       | 16.217 | 3312239    | 22.343 ug/ml  |
| 16) T n-Octacosane (C28)       | 17.167 | 3252196    | 21.701 ug/ml  |
| 17) T n-Tricontane (C30)       | 18.057 | 3118708    | 21.137 ug/ml  |
| 18) T n-Dotriacontane (C32)    | 18.891 | 3087617    | 21.082 ug/ml  |
| 19) T n-Tetratriacontane (C34) | 19.675 | 3038621    | 22.092 ug/ml  |
| 20) T n-Hexatriacontane (C36)  | 20.417 | 2925334    | 22.054 ug/ml  |
| 21) T n-Octatriacontane (C38)  | 21.152 | 2982987    | 22.994 ug/mlm |
| 22) T n-Tetracontane (C40)     | 22.054 | 3039043    | 22.889 ug/ml  |
| -----                          |        |            |               |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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