

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE022625AL\
 Data File : FE052522.D
 Signal(s) : FID1B.ch
 Acq On : 26 Feb 2025 19:05
 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 :Yogesh Patel 02/27/2025
 Supervised By :Ankita Jodhani 02/27/2025

Integration File: autoint1.e
 Quant Time: Feb 27 00:12:28 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 021325.M
 Quant Title : GC Extractables
 QLast Update : Fri Feb 14 00:50:00 2025
 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)	11.914	3175163	16.986 ug/ml
Spiked Amount 50.000		Recovery =	33.97%
12) S 1-chlorooctadecane (S...	13.359	2355048	16.943 ug/ml
Spiked Amount 50.000		Recovery =	33.89%
Target Compounds			
1) T n-Nonane (C9)	3.255	2885853	18.800 ug/ml
2) T n-Decane (C10)	4.516	2964236	18.979 ug/ml
3) T A~Naphthalene (C11.7)	6.230	3235054	18.725 ug/ml
4) T n-Dodecane (C12)	6.698	2954384	18.717 ug/ml
5) T A~2-methylnaphthalene...	7.332	3111733	18.528 ug/ml
6) T n-Tetradecane (C14)	8.535	2873993	18.246 ug/ml
7) T n-Hexadecane (C16)	10.149	2903395	17.764 ug/ml
8) T n-Octadecane (C18)	11.598	2874756	17.374 ug/ml
10) T n-Eicosane (C20)	12.913	2721609	17.072 ug/ml
11) T n-Heneicosane (C21)	13.527	2668527	17.033 ug/ml
13) T n-Docosane (C22)	14.115	2653613	16.956 ug/ml
14) T n-Tetracosane (C24)	15.222	2660695	16.918 ug/ml
15) T n-Hexacosane (C26)	16.245	2637157	17.026 ug/ml
16) T n-Octacosane (C28)	17.197	2645965	17.298 ug/ml
17) T n-Tricontane (C30)	18.088	2738862	17.546 ug/ml
18) T n-Dotriacontane (C32)	18.922	2686463	17.556 ug/ml
19) T n-Tetratriacontane (C34)	19.708	2489960	17.503 ug/ml
20) T n-Hexatriacontane (C36)	20.451	2212955	17.755 ug/ml
21) T n-Octatriacontane (C38)	21.195	2118206	19.379 ug/ml
22) T n-Tetracontane (C40)	22.118	2490994	24.764 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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