

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE103124AL\
 Data File : FE050958.D
 Signal(s) : FID1B.ch
 Acq On : 31 Oct 2024 23:06
 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 11/04/2024
 Supervised By :Ankita Jodhani 11/04/2024

Integration File: autoint1.e
 Quant Time: Nov 01 03:45:01 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 100824.M
 Quant Title : GC Extractables
 QLast Update : Mon Oct 07 16:32:18 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)	11.852	2954655	18.741 ug/mlm
Spiked Amount 50.000		Recovery =	37.48%
12) S 1-chlorooctadecane (S...	13.286	2257703	19.086 ug/ml
Spiked Amount 50.000		Recovery =	38.17%
Target Compounds			
1) T n-Nonane (C9)	3.241	2581126	18.268 ug/ml
2) T n-Decane (C10)	4.492	2669090	18.603 ug/ml
3) T A~Naphthalene (C11.7)	6.204	2565172	17.939 ug/ml
4) T n-Dodecane (C12)	6.659	2690505	18.693 ug/ml
5) T A~2-methylnaphthalene...	7.300	2368135	17.875 ug/ml
6) T n-Tetradecane (C14)	8.485	2670952	18.669 ug/ml
7) T n-Hexadecane (C16)	10.091	2771114	18.829 ug/ml
8) T n-Octadecane (C18)	11.532	2815893	18.852 ug/ml
10) T n-Eicosane (C20)	12.840	2717036	18.947 ug/ml
11) T n-Heneicosane (C21)	13.451	2659499	18.938 ug/ml
13) T n-Docosane (C22)	14.036	2667978	19.017 ug/mlm
14) T n-Tetracosane (C24)	15.137	2695552	19.080 ug/mlm
15) T n-Hexacosane (C26)	16.156	2737567	19.454 ug/mlm
16) T n-Octacosane (C28)	17.106	2915087	19.921 ug/ml
17) T n-Tricontane (C30)	17.993	3343558	21.028 ug/ml
18) T n-Dotriacontane (C32)	18.825	3501970	21.602 ug/ml
19) T n-Tetratriacontane (C34)	19.607	3119785	21.239 ug/ml
20) T n-Hexatriacontane (C36)	20.346	2653226	20.922 ug/ml
21) T n-Octatriacontane (C38)	21.070	2309463	18.678 ug/ml
22) T n-Tetracontane (C40)	21.951	1977002	17.755 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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