

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE091424AL\
 Data File : FE050106.D
 Signal(s) : FID1B.ch
 Acq On : 14 Sep 2024 01:38
 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 09/16/2024
 Supervised By :Ankita Jodhani 09/16/2024

Integration File: autoint1.e
 Quant Time: Sep 14 02:13:52 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)	11.875	2870554	19.294 ug/ml
Spiked Amount 50.000		Recovery =	38.59%
12) S 1-chlorooctadecane (S...	13.310	2185444	19.456 ug/ml
Spiked Amount 50.000		Recovery =	38.91%
Target Compounds			
1) T n-Nonane (C9)	3.264	2585183	19.072 ug/ml
2) T n-Decane (C10)	4.515	2662633	19.293 ug/ml
3) T A~Naphthalene (C11.7)	6.224	2727654	19.488 ug/ml
4) T n-Dodecane (C12)	6.682	2676470	19.355 ug/ml
5) T A~2-methylnaphthalene...	7.320	2583953	19.659 ug/ml
6) T n-Tetradecane (C14)	8.509	2656666	19.510 ug/ml
7) T n-Hexadecane (C16)	10.115	2716195	19.555 ug/ml
8) T n-Octadecane (C18)	11.557	2722058	19.429 ug/ml
10) T n-Eicosane (C20)	12.865	2595378	19.348 ug/ml
11) T n-Heneicosane (C21)	13.476	2545227	19.370 ug/ml
13) T n-Docosane (C22)	14.061	2525565	19.395 ug/ml
14) T n-Tetracosane (C24)	15.163	2537322	19.430 ug/ml
15) T n-Hexacosane (C26)	16.182	2489783	19.461 ug/ml
16) T n-Octacosane (C28)	17.131	2531510	19.653 ug/ml
17) T n-Tricontane (C30)	18.017	2711753	20.279 ug/ml
18) T n-Dotriacontane (C32)	18.849	2690448	20.190 ug/ml
19) T n-Tetratriacontane (C34)	19.632	2545460	20.601 ug/ml
20) T n-Hexatriacontane (C36)	20.371	2503579	22.565 ug/mlm
21) T n-Octatriacontane (C38)	21.099	2132528	19.337 ug/ml
22) T n-Tetracontane (C40)	21.990	1860660	17.099 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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