

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE092024AL\
 Data File : FE050254.D
 Signal(s) : FID1B.ch
 Acq On : 20 Sep 2024 20:23
 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 09/23/2024
 Supervised By :Ankita Jodhani 09/23/2024

Integration File: autoint1.e
 Quant Time: Sep 21 03:47:19 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)	11.867	3006511	20.208 ug/ml
Spiked Amount 50.000		Recovery =	40.42%
12) S 1-chlorooctadecane (S...	13.302	2253054	20.058 ug/ml
Spiked Amount 50.000		Recovery =	40.12%
Target Compounds			
1) T n-Nonane (C9)	3.257	2662141	19.640 ug/mlm
2) T n-Decane (C10)	4.507	2764837	20.033 ug/ml
3) T A~Naphthalene (C11.7)	6.217	2798897	19.997 ug/ml
4) T n-Dodecane (C12)	6.675	2751690	19.899 ug/ml
5) T A~2-methylnaphthalene...	7.312	2612171	19.874 ug/ml
6) T n-Tetradecane (C14)	8.501	2749152	20.189 ug/ml
7) T n-Hexadecane (C16)	10.107	2820291	20.304 ug/ml
8) T n-Octadecane (C18)	11.549	2846345	20.316 ug/ml
10) T n-Eicosane (C20)	12.855	2708271	20.189 ug/mlm
11) T n-Heneicosane (C21)	13.467	2658679	20.234 ug/ml
13) T n-Docosane (C22)	14.053	2637347	20.253 ug/ml
14) T n-Tetracosane (C24)	15.153	2635981	20.185 ug/ml
15) T n-Hexacosane (C26)	16.173	2598863	20.313 ug/ml
16) T n-Octacosane (C28)	17.122	2709011	21.031 ug/ml
17) T n-Tricontane (C30)	18.007	2982277	22.302 ug/ml
18) T n-Dotriacontane (C32)	18.840	3050562	22.892 ug/ml
19) T n-Tetratriacontane (C34)	19.622	2798307	22.647 ug/ml
20) T n-Hexatriacontane (C36)	20.361	2474175	22.300 ug/ml
21) T n-Octatriacontane (C38)	21.086	2312596	20.970 ug/mlm
22) T n-Tetracontane (C40)	21.974	2161227	19.862 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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