

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE092624AL\
 Data File : FE050381.D
 Signal(s) : FID1B.ch
 Acq On : 26 Sep 2024 16:43
 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 09/27/2024
 Supervised By :Ankita Jodhani 09/27/2024

Integration File: autoint1.e
 Quant Time: Sep 27 01:34:32 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)	11.868	2719706	18.280 ug/ml
Spiked Amount 50.000		Recovery =	36.56%
12) S 1-chlorooctadecane (S...	13.302	2070147	18.430 ug/ml
Spiked Amount 50.000		Recovery =	36.86%
Target Compounds			
1) T n-Nonane (C9)	3.256	2310402	17.045 ug/ml
2) T n-Decane (C10)	4.507	2464807	17.859 ug/ml
3) T A~Naphthalene (C11.7)	6.217	2491488	17.800 ug/ml
4) T n-Dodecane (C12)	6.674	2498327	18.067 ug/mlm
5) T A~2-methylnaphthalene...	7.313	2365175	17.995 ug/ml
6) T n-Tetradecane (C14)	8.500	2494910	18.322 ug/ml
7) T n-Hexadecane (C16)	10.107	2573234	18.525 ug/ml
8) T n-Octadecane (C18)	11.548	2593374	18.511 ug/ml
10) T n-Eicosane (C20)	12.856	2478958	18.480 ug/mlm
11) T n-Heneicosane (C21)	13.467	2418612	18.407 ug/ml
13) T n-Docosane (C22)	14.053	2407378	18.487 ug/ml
14) T n-Tetracosane (C24)	15.154	2416849	18.507 ug/ml
15) T n-Hexacosane (C26)	16.173	2396657	18.733 ug/ml
16) T n-Octacosane (C28)	17.122	2529179	19.635 ug/mlm
17) T n-Tricontane (C30)	18.009	2851718	21.326 ug/ml
18) T n-Dotriacontane (C32)	18.840	2942254	22.080 ug/ml
19) T n-Tetratriacontane (C34)	19.623	2706192	21.902 ug/ml
20) T n-Hexatriacontane (C36)	20.363	2514236	22.661 ug/mlm
21) T n-Octatriacontane (C38)	21.087	2135286	19.362 ug/ml
22) T n-Tetracontane (C40)	21.973	1907426	17.529 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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