

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE092724AL\
 Data File : FE050404.D
 Signal(s) : FID1B.ch
 Acq On : 27 Sep 2024 06:59
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/30/2024
 Supervised By :Ankita Jodhani 09/30/2024

Integration File: autoint1.e
 Quant Time: Sep 28 00:16:19 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)	11.864	2563973	17.233 ug/ml
Spiked Amount 50.000		Recovery =	34.47%
12) S 1-chlorooctadecane (S...	13.299	1945587	17.321 ug/ml
Spiked Amount 50.000		Recovery =	34.64%
Target Compounds			
1) T n-Nonane (C9)	3.254	2323265	17.140 ug/ml
2) T n-Decane (C10)	4.504	2412288	17.479 ug/ml
3) T A~Naphthalene (C11.7)	6.215	2441164	17.441 ug/ml
4) T n-Dodecane (C12)	6.672	2425054	17.537 ug/mlm
5) T A~2-methylnaphthalene...	7.310	2279769	17.345 ug/ml
6) T n-Tetradecane (C14)	8.499	2415671	17.740 ug/ml
7) T n-Hexadecane (C16)	10.104	2495221	17.964 ug/ml
8) T n-Octadecane (C18)	11.545	2517322	17.968 ug/ml
10) T n-Eicosane (C20)	12.852	2400957	17.898 ug/mlm
11) T n-Heneicosane (C21)	13.463	2356789	17.936 ug/ml
13) T n-Docosane (C22)	14.049	2351710	18.060 ug/ml
14) T n-Tetracosane (C24)	15.151	2376900	18.201 ug/ml
15) T n-Hexacosane (C26)	16.169	2366454	18.497 ug/mlm
16) T n-Octacosane (C28)	17.118	2469482	19.172 ug/ml
17) T n-Tricontane (C30)	18.005	2700499	20.195 ug/ml
18) T n-Dotriacontane (C32)	18.836	2822963	21.184 ug/mlm
19) T n-Tetratriacontane (C34)	19.620	2779374	22.494 ug/ml
20) T n-Hexatriacontane (C36)	20.360	2650742	23.891 ug/ml
21) T n-Octatriacontane (C38)	21.083	2571390	23.317 ug/mlm
22) T n-Tetracontane (C40)	21.967	2331473	21.426 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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