

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE092324AL\
 Data File : FE050303.D
 Signal(s) : FID1B.ch
 Acq On : 23 Sep 2024 21:46
 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 09/24/2024
 Supervised By :Ankita Jodhani 09/24/2024

Integration File: autoint1.e
 Quant Time: Sep 24 01:29:14 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	2790285	18.754 ug/ml
Spiked Amount 50.000		Recovery =	37.51%
12) S 1-chlorooctadecane (S...	13.302	2098758	18.684 ug/ml
Spiked Amount 50.000		Recovery =	37.37%
Target Compounds			
1) T n-Nonane (C9)	3.257	2413240	17.804 ug/ml
2) T n-Decane (C10)	4.507	2506803	18.164 ug/ml
3) T A~Naphthalene (C11.7)	6.217	2565280	18.327 ug/ml
4) T n-Dodecane (C12)	6.674	2509501	18.148 ug/ml
5) T A~2-methylnaphthalene...	7.312	2395646	18.226 ug/ml
6) T n-Tetradecane (C14)	8.501	2501115	18.367 ug/ml
7) T n-Hexadecane (C16)	10.107	2583672	18.601 ug/ml
8) T n-Octadecane (C18)	11.548	2621313	18.710 ug/ml
10) T n-Eicosane (C20)	12.856	2524126	18.816 ug/mlm
11) T n-Heneicosane (C21)	13.466	2478323	18.861 ug/ml
13) T n-Docosane (C22)	14.053	2493606	19.150 ug/ml
14) T n-Tetracosane (C24)	15.153	2555198	19.567 ug/ml
15) T n-Hexacosane (C26)	16.172	2540378	19.856 ug/ml
16) T n-Octacosane (C28)	17.121	2706538	21.012 ug/ml
17) T n-Tricontane (C30)	18.007	3061460	22.894 ug/ml
18) T n-Dotriacontane (C32)	18.840	3264326	24.497 ug/ml
19) T n-Tetratriacontane (C34)	19.622	3069394	24.841 ug/ml
20) T n-Hexatriacontane (C36)	20.360	2669182	24.058 ug/ml
21) T n-Octatriacontane (C38)	21.085	2359284	21.394 ug/ml
22) T n-Tetracontane (C40)	21.972	2194254	20.165 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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