

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE093024AL\
 Data File : FE050433.D
 Signal(s) : FID1B.ch
 Acq On : 30 Sep 2024 13:30
 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 10/01/2024
 Supervised By :Ankita Jodhani 10/01/2024

Integration File: autoint1.e
 Quant Time: Oct 01 02:05:29 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)	11.866	2533425	17.028 ug/ml
Spiked Amount 50.000		Recovery =	34.06%
12) S 1-chlorooctadecane (S...	13.300	1920091	17.094 ug/ml
Spiked Amount 50.000		Recovery =	34.19%
Target Compounds			
1) T n-Nonane (C9)	3.254	2260996	16.681 ug/ml
2) T n-Decane (C10)	4.505	2356140	17.072 ug/ml
3) T A~Naphthalene (C11.7)	6.215	2376328	16.978 ug/ml
4) T n-Dodecane (C12)	6.672	2366264	17.112 ug/mlm
5) T A~2-methylnaphthalene...	7.312	2214064	16.845 ug/ml
6) T n-Tetradecane (C14)	8.499	2348503	17.247 ug/ml
7) T n-Hexadecane (C16)	10.105	2433519	17.520 ug/ml
8) T n-Octadecane (C18)	11.547	2467870	17.615 ug/ml
10) T n-Eicosane (C20)	12.854	2373598	17.694 ug/mlm
11) T n-Heneicosane (C21)	13.466	2322058	17.672 ug/ml
13) T n-Docosane (C22)	14.051	2319928	17.816 ug/ml
14) T n-Tetracosane (C24)	15.153	2357558	18.053 ug/ml
15) T n-Hexacosane (C26)	16.172	2336160	18.260 ug/ml
16) T n-Octacosane (C28)	17.121	2460824	19.104 ug/ml
17) T n-Tricontane (C30)	18.007	2708851	20.257 ug/ml
18) T n-Dotriacontane (C32)	18.838	2811625	21.099 ug/ml
19) T n-Tetratriacontane (C34)	19.620	2790239	22.582 ug/ml
20) T n-Hexatriacontane (C36)	20.359	2594572	23.385 ug/ml
21) T n-Octatriacontane (C38)	21.084	2497251	22.645 ug/mlm
22) T n-Tetracontane (C40)	21.971	2197475	20.195 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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