

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE011123AL\
 Data File : FE039742.D
 Signal(s) : FID1B.ch
 Acq On : 11 Jan 2023 02:38
 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 01/11/2023
 Supervised By :Ankita Jodhani 01/11/2023

Integration File: autoint1.e
 Quant Time: Jan 11 04:18:22 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 011023.M
 Quant Title : GC Extractables
 QLast Update : Tue Jan 10 04:24:52 2023
 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)	11.924	3236747	21.077 ug/ml
Spiked Amount 50.000		Recovery =	42.15%
12) S 1-chlorooctadecane (S...	13.360	2513474	21.538 ug/ml
Spiked Amount 50.000		Recovery =	43.08%
Target Compounds			
1) T n-Nonane (C9)	3.316	2675626	21.079 ug/ml
2) T n-Decane (C10)	4.566	2639428	21.254 ug/ml
3) T A~Naphthalene (C11.7)	6.270	3038223	21.544 ug/ml
4) T n-Dodecane (C12)	6.730	2702416	21.494 ug/ml
5) T A~2-methylnaphthalene...	7.365	2867419	21.892 ug/ml
6) T n-Tetradecane (C14)	8.557	2783225	21.640 ug/ml
7) T n-Hexadecane (C16)	10.163	2918120	21.631 ug/ml
8) T n-Octadecane (C18)	11.606	2993434	21.363 ug/ml
10) T n-Eicosane (C20)	12.915	2938399	21.208 ug/ml
11) T n-Heneicosane (C21)	13.527	2948961	21.133 ug/ml
13) T n-Docosane (C22)	14.113	2926335	21.083 ug/ml
14) T n-Tetracosane (C24)	15.217	2916141	21.180 ug/ml
15) T n-Hexacosane (C26)	16.238	2803795	21.008 ug/ml
16) T n-Octacosane (C28)	17.186	2739073	21.041 ug/mlm
17) T n-Tricontane (C30)	18.075	2695220	21.135 ug/ml
18) T n-Dotriacontane (C32)	18.909	2674945	21.159 ug/mlm
19) T n-Tetratriacontane (C34)	19.693	2635287	21.327 ug/ml
20) T n-Hexatriacontane (C36)	20.435	2572281	21.818 ug/mlm
21) T n-Octatriacontane (C38)	21.171	2697439	22.569 ug/mlm
22) T n-Tetracontane (C40)	22.077	2626098	21.638 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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