

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE010423AL\
 Data File : FE039628.D
 Signal(s) : FID1B.ch
 Acq On : 04 Jan 2023 11:29
 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 01/05/2023
 Supervised By :Ankita Jodhani 01/05/2023

Integration File: autoint1.e
 Quant Time: Jan 05 02:34:33 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 121722.M
 Quant Title : GC Extractables
 QLast Update : Sat Dec 17 15:09:52 2022
 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)	11.925	2840735	19.036 ug/ml
Spiked Amount 50.000		Recovery =	38.07%
12) S 1-chlorooctadecane (S...	13.360	2195567	19.075 ug/ml
Spiked Amount 50.000		Recovery =	38.15%
Target Compounds			
1) T n-Nonane (C9)	3.319	2277284	17.618 ug/ml
2) T n-Decane (C10)	4.569	2284897	17.932 ug/ml
3) T A~Naphthalene (C11.7)	6.272	2598991	17.979 ug/ml
4) T n-Dodecane (C12)	6.733	2318805	17.861 ug/ml
5) T A~2-methylnaphthalene...	7.366	2440004	18.017 ug/ml
6) T n-Tetradecane (C14)	8.559	2388859	18.028 ug/ml
7) T n-Hexadecane (C16)	10.165	2515118	18.282 ug/ml
8) T n-Octadecane (C18)	11.607	2608513	18.624 ug/ml
10) T n-Eicosane (C20)	12.916	2583461	18.926 ug/ml
11) T n-Heneicosane (C21)	13.529	2600392	19.066 ug/mlm
13) T n-Docosane (C22)	14.115	2606738	19.270 ug/ml
14) T n-Tetracosane (C24)	15.217	2628997	19.584 ug/ml
15) T n-Hexacosane (C26)	16.238	2592064	19.907 ug/ml
16) T n-Octacosane (C28)	17.188	2667543	20.727 ug/ml
17) T n-Tricontane (C30)	18.075	2846168	22.106 ug/mlm
18) T n-Dotriacontane (C32)	18.908	2903290	22.419 ug/ml
19) T n-Tetratriacontane (C34)	19.692	2684321	21.277 ug/ml
20) T n-Hexatriacontane (C36)	20.431	2437174	20.156 ug/mlm
21) T n-Octatriacontane (C38)	21.166	2353281	19.055 ug/ml
22) T n-Tetracontane (C40)	22.077	2323054	18.498 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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