

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE010923AL\
 Data File : FE039692.D
 Signal(s) : FID1B.ch
 Acq On : 09 Jan 2023 11:09
 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 01/10/2023
 Supervised By :Ankita Jodhani 01/10/2023

Integration File: autoint1.e
 Quant Time: Jan 09 17:52:04 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)	11.920	2718122	18.214 ug/ml
Spiked Amount 50.000		Recovery =	36.43%
12) S 1-chlorooctadecane (S...	13.355	2056405	17.866 ug/ml
Spiked Amount 50.000		Recovery =	35.73%
Target Compounds			
1) T n-Nonane (C9)	3.314	2125604	16.445 ug/ml
2) T n-Decane (C10)	4.564	2153468	16.900 ug/ml
3) T A~Naphthalene (C11.7)	6.266	2439101	16.873 ug/ml
4) T n-Dodecane (C12)	6.728	2185959	16.838 ug/ml
5) T A~2-methylnaphthalene...	7.361	2296053	16.954 ug/ml
6) T n-Tetradecane (C14)	8.554	2261137	17.064 ug/ml
7) T n-Hexadecane (C16)	10.160	2393377	17.397 ug/ml
8) T n-Octadecane (C18)	11.602	2486704	17.754 ug/ml
10) T n-Eicosane (C20)	12.911	2459501	18.017 ug/ml
11) T n-Heneicosane (C21)	13.523	2472871	18.131 ug/mlm
13) T n-Docosane (C22)	14.110	2479026	18.326 ug/ml
14) T n-Tetracosane (C24)	15.211	2524200	18.804 ug/ml
15) T n-Hexacosane (C26)	16.233	2459140	18.886 ug/ml
16) T n-Octacosane (C28)	17.183	2547766	19.796 ug/ml
17) T n-Tricontane (C30)	18.070	2786803	21.645 ug/mlm
18) T n-Dotriacontane (C32)	18.904	2862341	22.103 ug/ml
19) T n-Tetratriacontane (C34)	19.688	2588544	20.518 ug/ml
20) T n-Hexatriacontane (C36)	20.427	2287922	18.921 ug/mlm
21) T n-Octatriacontane (C38)	21.163	2133919	17.279 ug/ml
22) T n-Tetracontane (C40)	22.070	2017154	16.062 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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