

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE030323AL\
 Data File : FE040650.D
 Signal(s) : FID1B.ch
 Acq On : 03 Mar 2023 03:25
 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 03/03/2023
 Supervised By :Ankita Jodhani 03/03/2023

Integration File: autoint1.e
 Quant Time: Mar 03 04:05:23 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 022823.M
 Quant Title : GC Extractables
 QLast Update : Tue Feb 28 03:05:09 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)	11.886	3529066	18.891 ug/ml
Spiked Amount 50.000		Recovery =	37.78%
12) S 1-chlorooctadecane (S...	13.325	2732533	18.463 ug/ml
Spiked Amount 50.000		Recovery =	36.93%
Target Compounds			
1) T n-Nonane (C9)	3.279	3146522	20.449 ug/ml
2) T n-Decane (C10)	4.527	3103046	20.626 ug/ml
3) T A~Naphthalene (C11.7)	6.230	3460231	20.861 ug/ml
4) T n-Dodecane (C12)	6.692	3167405	20.690 ug/ml
5) T A~2-methylnaphthalene...	7.325	3206591	21.187 ug/ml
6) T n-Tetradecane (C14)	8.519	3202317	20.720 ug/ml
7) T n-Hexadecane (C16)	10.126	3292140	20.382 ug/ml
8) T n-Octadecane (C18)	11.570	3326885	19.593 ug/ml
10) T n-Eicosane (C20)	12.880	3207623	18.961 ug/ml
11) T n-Heneicosane (C21)	13.492	3188476	18.607 ug/ml
13) T n-Docosane (C22)	14.079	3127119	18.254 ug/ml
14) T n-Tetracosane (C24)	15.182	3026228	17.554 ug/ml
15) T n-Hexacosane (C26)	16.203	2876101	16.922 ug/mlm
16) T n-Octacosane (C28)	17.157	2817015	16.797 ug/mlm
17) T n-Tricontane (C30)	18.045	2876206	17.615 ug/ml
18) T n-Dotriacontane (C32)	18.878	2973862	17.376 ug/mlm
19) T n-Tetratriacontane (C34)	19.665	2800014	18.110 ug/mlm
20) T n-Hexatriacontane (C36)	20.404	2683928	18.474 ug/ml
21) T n-Octatriacontane (C38)	21.137	2911308	21.180 ug/ml
22) T n-Tetracontane (C40)	22.034	3219449	20.835 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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