

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE061324AL\
 Data File : FE048713.D
 Signal(s) : FID1B.ch
 Acq On : 14 Jun 2024 00:13
 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 06/14/2024
 Supervised By :Ankita Jodhani 06/14/2024

Integration File: autoint1.e
 Quant Time: Jun 14 01:22:33 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 052524.M
 Quant Title : GC Extractables
 QLast Update : Fri May 24 16:28:51 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)	11.938	2641924	18.398 ug/ml
Spiked Amount 50.000		Recovery =	36.80%
12) S 1-chlorooctadecane (S...	13.373	1988956	18.257 ug/ml
Spiked Amount 50.000		Recovery =	36.51%
Target Compounds			
1) T n-Nonane (C9)	3.327	2431389	16.263 ug/ml
2) T n-Decane (C10)	4.576	2631708	17.428 ug/ml
3) T A~Naphthalene (C11.7)	6.281	2588401	17.384 ug/ml
4) T n-Dodecane (C12)	6.742	2636426	17.811 ug/ml
5) T A~2-methylnaphthalene...	7.377	2454843	17.705 ug/ml
6) T n-Tetradecane (C14)	8.569	2561604	18.061 ug/ml
7) T n-Hexadecane (C16)	10.176	2587306	18.352 ug/ml
8) T n-Octadecane (C18)	11.619	2560653	18.437 ug/ml
10) T n-Eicosane (C20)	12.928	2431708	18.375 ug/ml
11) T n-Heneicosane (C21)	13.539	2379354	18.369 ug/ml
13) T n-Docosane (C22)	14.126	2380873	18.476 ug/ml
14) T n-Tetracosane (C24)	15.227	2450458	18.915 ug/ml
15) T n-Hexacosane (C26)	16.247	2467541	19.039 ug/ml
16) T n-Octacosane (C28)	17.196	2586147	20.008 ug/ml
17) T n-Tricontane (C30)	18.082	2899910	21.647 ug/ml
18) T n-Dotriacontane (C32)	18.916	3034437	22.355 ug/ml
19) T n-Tetratriacontane (C34)	19.697	2877568	21.035 ug/ml
20) T n-Hexatriacontane (C36)	20.437	2676322	19.688 ug/ml
21) T n-Octatriacontane (C38)	21.173	2555505	18.739 ug/ml
22) T n-Tetracontane (C40)	22.087	2549703	18.622 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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