

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE071624AL\
 Data File : FE049138.D
 Signal(s) : FID1B.ch
 Acq On : 16 Jul 2024 18:47
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/17/2024
 Supervised By :Ankita Jodhani 07/17/2024

Integration File: autoint1.e
 Quant Time: Jul 17 01:39:07 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062124.M
 Quant Title : GC Extractables
 QLast Update : Thu Jun 20 17:53:58 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)	11.918	2945109	17.613 ug/ml
Spiked Amount 50.000		Recovery =	35.23%
12) S 1-chlorooctadecane (S...	13.354	2243417	17.446 ug/ml
Spiked Amount 50.000		Recovery =	34.89%
Target Compounds			
1) T n-Nonane (C9)	3.304	2889141	19.217 ug/ml
2) T n-Decane (C10)	4.554	2936353	19.081 ug/ml
3) T A~Naphthalene (C11.7)	6.262	2992596	18.851 ug/ml
4) T n-Dodecane (C12)	6.721	2915341	18.885 ug/ml
5) T A~2-methylnaphthalene...	7.358	2812502	18.572 ug/ml
6) T n-Tetradecane (C14)	8.549	2877180	18.773 ug/ml
7) T n-Hexadecane (C16)	10.157	2895722	18.520 ug/ml
8) T n-Octadecane (C18)	11.599	2891729	18.131 ug/ml
10) T n-Eicosane (C20)	12.909	2750073	17.738 ug/ml
11) T n-Heneicosane (C21)	13.521	2693136	17.687 ug/ml
13) T n-Docosane (C22)	14.107	2678721	17.712 ug/ml
14) T n-Tetracosane (C24)	15.209	2677352	17.816 ug/ml
15) T n-Hexacosane (C26)	16.229	2664966	18.051 ug/ml
16) T n-Octacosane (C28)	17.179	2648532	18.365 ug/ml
17) T n-Tricontane (C30)	18.066	2740629	18.733 ug/ml
18) T n-Dotriacontane (C32)	18.897	2744363	19.194 ug/ml
19) T n-Tetratriacontane (C34)	19.681	2751111	19.882 ug/ml
20) T n-Hexatriacontane (C36)	20.419	2793293	21.492 ug/mlm
21) T n-Octatriacontane (C38)	21.153	2790749	21.769 ug/mlm
22) T n-Tetracontane (C40)	22.065	2873256	23.463 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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