

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE083124AL\
 Data File : FE049880.D
 Signal(s) : FID1B.ch
 Acq On : 31 Aug 2024 09:29
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/03/2024
 Supervised By :Ankita Jodhani 09/03/2024

Integration File: autoint1.e
 Quant Time: Sep 02 01:03:31 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 081424.M
 Quant Title : GC Extractables
 QLast Update : Wed Aug 14 11:05:17 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)	11.878	2771953	17.141 ug/ml
Spiked Amount 50.000		Recovery =	34.28%
12) S 1-chlorooctadecane (S...	13.313	2128491	17.446 ug/ml
Spiked Amount 50.000		Recovery =	34.89%
Target Compounds			
1) T n-Nonane (C9)	3.268	2583026	16.691 ug/ml
2) T n-Decane (C10)	4.518	2647923	16.771 ug/mlm
3) T A~Naphthalene (C11.7)	6.226	2696001	16.802 ug/ml
4) T n-Dodecane (C12)	6.686	2653403	16.878 ug/ml
5) T A~2-methylnaphthalene...	7.322	2548538	17.018 ug/ml
6) T n-Tetradecane (C14)	8.512	2614539	16.936 ug/ml
7) T n-Hexadecane (C16)	10.118	2682883	17.178 ug/ml
8) T n-Octadecane (C18)	11.560	2711467	17.265 ug/ml
10) T n-Eicosane (C20)	12.867	2602532	17.431 ug/ml
11) T n-Heneicosane (C21)	13.478	2547058	17.363 ug/ml
13) T n-Docosane (C22)	14.063	2553242	17.518 ug/mlm
14) T n-Tetracosane (C24)	15.165	2611977	17.956 ug/ml
15) T n-Hexacosane (C26)	16.185	2599179	18.009 ug/ml
16) T n-Octacosane (C28)	17.134	2687552	18.658 ug/ml
17) T n-Tricontane (C30)	18.020	2936261	19.614 ug/ml
18) T n-Dotriacontane (C32)	18.851	3004452	19.860 ug/ml
19) T n-Tetratriacontane (C34)	19.634	2954765	19.327 ug/ml
20) T n-Hexatriacontane (C36)	20.373	2783724	18.332 ug/ml
21) T n-Octatriacontane (C38)	21.100	2644495	16.849 ug/ml
22) T n-Tetracontane (C40)	21.989	2587572	16.948 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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