

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE031824AL\
 Data File : FE047203.D
 Signal(s) : FID1B.ch
 Acq On : 18 Mar 2024 16:34
 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 03/19/2024
 Supervised By :mohammad ahmed 03/19/2024

Integration File: autoint1.e
 Quant Time: Mar 19 04:07:42 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 031324.M
 Quant Title : GC Extractables
 QLast Update : Thu Mar 14 01:54:27 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)	11.974	3241194	19.645 ug/ml
Spiked Amount 50.000		Recovery =	39.29%
12) S 1-chlorooctadecane (S...	13.408	2479588	19.448 ug/ml
Spiked Amount 50.000		Recovery =	38.90%
Target Compounds			
1) T n-Nonane (C9)	3.364	2979046	19.814 ug/ml
2) T n-Decane (C10)	4.615	3062469	19.975 ug/ml
3) T A~Naphthalene (C11.7)	6.317	3169478	19.879 ug/ml
4) T n-Dodecane (C12)	6.779	3069857	19.951 ug/ml
5) T A~2-methylnaphthalene...	7.411	3054429	19.902 ug/ml
6) T n-Tetradecane (C14)	8.606	3030474	19.890 ug/ml
7) T n-Hexadecane (C16)	10.213	3114793	19.788 ug/ml
8) T n-Octadecane (C18)	11.655	3135650	19.690 ug/ml
10) T n-Eicosane (C20)	12.963	3017432	19.631 ug/ml
11) T n-Heneicosane (C21)	13.575	2945725	19.468 ug/ml
13) T n-Docosane (C22)	14.159	2960395	19.676 ug/ml
14) T n-Tetracosane (C24)	15.260	3004702	20.120 ug/ml
15) T n-Hexacosane (C26)	16.279	2995952	20.566 ug/ml
16) T n-Octacosane (C28)	17.227	2976363	21.094 ug/ml
17) T n-Tricontane (C30)	18.112	3024985	21.399 ug/mlm
18) T n-Dotriacontane (C32)	18.942	2954146	21.422 ug/ml
19) T n-Tetratriacontane (C34)	19.723	2746837	21.039 ug/ml
20) T n-Hexatriacontane (C36)	20.461	2603176	20.896 ug/mlm
21) T n-Octatriacontane (C38)	21.203	2574909	20.737 ug/ml
22) T n-Tetracontane (C40)	22.127	2489843	21.169 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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