

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE021324AL\
 Data File : FE046749.D
 Signal(s) : FID1B.ch
 Acq On : 13 Feb 2024 15:20
 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 02/14/2024
 Supervised By :Ankita Jodhani 02/14/2024

Integration File: sample.E
 Quant Time: Feb 13 23:10:56 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 012524.M
 Quant Title : GC Extractables
 QLast Update : Thu Jan 25 14:56:03 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)	11.809	3330176	18.010 ug/ml
Spiked Amount 50.000		Recovery =	36.02%
12) S 1-chlorooctadecane (S...	13.250	2519406	17.708 ug/ml
Spiked Amount 50.000		Recovery =	35.42%
Target Compounds			
1) T n-Nonane (C9)	3.196	3149337	19.497 ug/mlm
2) T n-Decane (C10)	4.447	3281694	20.024 ug/ml
3) T A~Naphthalene (C11.7)	6.153	3340820	19.537 ug/ml
4) T n-Dodecane (C12)	6.615	3299581	19.948 ug/ml
5) T A~2-methylnaphthalene...	7.249	3156259	19.790 ug/ml
6) T n-Tetradecane (C14)	8.442	3230891	19.713 ug/ml
7) T n-Hexadecane (C16)	10.051	3273300	19.156 ug/ml
8) T n-Octadecane (C18)	11.495	3258761	18.692 ug/ml
10) T n-Eicosane (C20)	12.805	3071124	18.088 ug/ml
11) T n-Heneicosane (C21)	13.418	2976374	17.845 ug/ml
13) T n-Docosane (C22)	14.004	2972140	17.940 ug/ml
14) T n-Tetracosane (C24)	15.109	2997783	18.168 ug/ml
15) T n-Hexacosane (C26)	16.131	2962561	18.355 ug/ml
16) T n-Octacosane (C28)	17.082	2975193	18.953 ug/ml
17) T n-Tricontane (C30)	17.971	3104672	19.821 ug/ml
18) T n-Dotriacontane (C32)	18.806	3037259	20.093 ug/ml
19) T n-Tetratriacontane (C34)	19.591	2915776	20.557 ug/mlm
20) T n-Hexatriacontane (C36)	20.333	2799733	20.311 ug/mlm
21) T n-Octatriacontane (C38)	21.058	2797248	21.820 ug/ml
22) T n-Tetracontane (C40)	21.940	2846834	22.768 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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