

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE020124AL\
 Data File : FE046503.D
 Signal(s) : FID1B.ch
 Acq On : 01 Feb 2024 10:27
 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 :Ankita Jodhani 02/02/2024
 Supervised By :Sohil Jodhani 02/02/2024

Integration File: sample.E
 Quant Time: Feb 01 11:47:40 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)	11.822	3772871	20.404 ug/ml
Spiked Amount 50.000		Recovery =	40.81%
12) S 1-chlorooctadecane (S...	13.266	2849882	20.031 ug/ml
Spiked Amount 50.000		Recovery =	40.06%
Target Compounds			
1) T n-Nonane (C9)	3.209	3450934	21.364 ug/ml
2) T n-Decane (C10)	4.460	3577878	21.832 ug/ml
3) T A~Naphthalene (C11.7)	6.165	3757541	21.974 ug/ml
4) T n-Dodecane (C12)	6.628	3622983	21.903 ug/ml
5) T A~2-methylnaphthalene...	7.261	3592219	22.523 ug/ml
6) T n-Tetradecane (C14)	8.454	3554656	21.688 ug/ml
7) T n-Hexadecane (C16)	10.064	3631082	21.249 ug/ml
8) T n-Octadecane (C18)	11.509	3630494	20.824 ug/ml
10) T n-Eicosane (C20)	12.820	3436556	20.240 ug/ml
11) T n-Heneicosane (C21)	13.431	3351887	20.096 ug/ml
13) T n-Docosane (C22)	14.019	3314415	20.006 ug/ml
14) T n-Tetracosane (C24)	15.124	3255553	19.730 ug/ml
15) T n-Hexacosane (C26)	16.147	3172017	19.653 ug/ml
16) T n-Octacosane (C28)	17.099	3118076	19.863 ug/ml
17) T n-Tricontane (C30)	17.988	3170389	20.241 ug/ml
18) T n-Dotriacontane (C32)	18.824	3086006	20.416 ug/ml
19) T n-Tetratriacontane (C34)	19.609	2942618	20.747 ug/ml
20) T n-Hexatriacontane (C36)	20.351	2717380	19.714 ug/ml
21) T n-Octatriacontane (C38)	21.082	2865823	22.355 ug/ml
22) T n-Tetracontane (C40)	21.973	2583825	20.665 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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