

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF020325AL\
 Data File : FF015448.D
 Signal(s) : FID2B.ch
 Acq On : 03 Feb 2025 22:51
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 02/04/2025
 Supervised By :Ankita Jodhani 02/04/2025

Integration File: autoint1.e
 Quant Time: Feb 04 05:20:35 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 011425.M
 Quant Title : GC Extractables
 QLast Update : Tue Jan 14 15:33:37 2025
 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)	11.938	3117518	19.608 ug/ml
Spiked Amount 50.000		Recovery =	39.22%
12) S 1-chlorooctadecane (S...	13.375	2370474	19.015 ug/ml
Spiked Amount 50.000		Recovery =	38.03%
Target Compounds			
1) T n-Nonane (C9)	3.318	2804806	21.367 ug/ml
2) T n-Decane (C10)	4.573	2901796	21.694 ug/ml
3) T A~Naphthalene (C11.7)	6.277	3112764	21.402 ug/ml
4) T n-Dodecane (C12)	6.738	2949649	21.874 ug/ml
5) T A~2-methylnaphthalene...	7.373	2980195	21.179 ug/ml
6) T n-Tetradecane (C14)	8.565	2940361	21.763 ug/ml
7) T n-Hexadecane (C16)	10.173	3027659	21.367 ug/ml
8) T n-Octadecane (C18)	11.618	3009893	20.553 ug/ml
10) T n-Eicosane (C20)	12.929	2827677	19.612 ug/ml
11) T n-Heneicosane (C21)	13.541	2741755	19.207 ug/ml
13) T n-Docosane (C22)	14.128	2682796	18.717 ug/ml
14) T n-Tetracosane (C24)	15.234	2602194	17.938 ug/ml
15) T n-Hexacosane (C26)	16.257	2509725	17.660 ug/ml
16) T n-Octacosane (C28)	17.209	2483282	17.846 ug/ml
17) T n-Tricontane (C30)	18.098	2570238	18.455 ug/ml
18) T n-Dotriacontane (C32)	18.932	2512249	19.261 ug/ml
19) T n-Tetratriacontane (C34)	19.717	2236334	20.572 ug/mlm
20) T n-Hexatriacontane (C36)	20.460	1969500	22.392 ug/ml
21) T n-Octatriacontane (C38)	21.200	1973629	23.949 ug/ml
22) T n-Tetracontane (C40)	22.122	1959168	24.693 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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