

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF013125AL\
 Data File : FF015391.D
 Signal(s) : FID2B.ch
 Acq On : 30 Jan 2025 11:22
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 01/31/2025
 Supervised By :Ankita Jodhani 01/31/2025

Integration File: autoint1.e
 Quant Time: Jan 31 03:38:31 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)	11.928	3004110	18.895 ug/ml
Spiked Amount 50.000		Recovery =	37.79%
12) S 1-chlorooctadecane (S...	13.365	2260146	18.130 ug/ml
Spiked Amount 50.000		Recovery =	36.26%
Target Compounds			
1) T n-Nonane (C9)	3.314	2570781	19.584 ug/ml
2) T n-Decane (C10)	4.568	2648752	19.802 ug/ml
3) T A~Naphthalene (C11.7)	6.269	2829846	19.457 ug/ml
4) T n-Dodecane (C12)	6.732	2699504	20.019 ug/ml
5) T A~2-methylnaphthalene...	7.363	2717325	19.311 ug/ml
6) T n-Tetradecane (C14)	8.558	2700819	19.990 ug/ml
7) T n-Hexadecane (C16)	10.165	2791298	19.699 ug/ml
8) T n-Octadecane (C18)	11.609	2841926	19.406 ug/ml
10) T n-Eicosane (C20)	12.920	2734234	18.964 ug/ml
11) T n-Heneicosane (C21)	13.532	2673866	18.732 ug/ml
13) T n-Docosane (C22)	14.118	2652312	18.504 ug/mlm
14) T n-Tetracosane (C24)	15.224	2607739	17.977 ug/mlm
15) T n-Hexacosane (C26)	16.246	2500738	17.597 ug/ml
16) T n-Octacosane (C28)	17.197	2445172	17.572 ug/ml
17) T n-Tricontane (C30)	18.087	2489226	17.873 ug/ml
18) T n-Dotriacontane (C32)	18.921	2400323	18.403 ug/ml
19) T n-Tetratriacontane (C34)	19.705	2075181	19.089 ug/mlm
20) T n-Hexatriacontane (C36)	20.447	1768865	20.111 ug/mlm
21) T n-Octatriacontane (C38)	21.187	1644049	19.949 ug/ml
22) T n-Tetracontane (C40)	22.104	1533178	19.324 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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