

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF013125AL\
 Data File : FF015404.D
 Signal(s) : FID2B.ch
 Acq On : 30 Jan 2025 20:31
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 11 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 03:43:43 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)	11.931	2941635	18.502 ug/ml
Spiked Amount 50.000		Recovery =	37.00%
12) S 1-chlorooctadecane (S...	13.370	2259454	18.124 ug/ml
Spiked Amount 50.000		Recovery =	36.25%
Target Compounds			
1) T n-Nonane (C9)	3.315	2555516	19.467 ug/ml
2) T n-Decane (C10)	4.569	2628802	19.653 ug/ml
3) T A~Naphthalene (C11.7)	6.272	2849323	19.591 ug/ml
4) T n-Dodecane (C12)	6.734	2686128	19.920 ug/ml
5) T A~2-methylnaphthalene...	7.367	2773056	19.707 ug/ml
6) T n-Tetradecane (C14)	8.561	2691180	19.918 ug/ml
7) T n-Hexadecane (C16)	10.169	2786165	19.663 ug/ml
8) T n-Octadecane (C18)	11.613	2797982	19.106 ug/ml
10) T n-Eicosane (C20)	12.923	2661957	18.463 ug/ml
11) T n-Heneicosane (C21)	13.536	2594363	18.175 ug/ml
13) T n-Docosane (C22)	14.124	2606412	18.184 ug/mlm
14) T n-Tetracosane (C24)	15.229	2516512	17.348 ug/ml
15) T n-Hexacosane (C26)	16.252	2429591	17.097 ug/ml
16) T n-Octacosane (C28)	17.204	2425490	17.431 ug/ml
17) T n-Tricontane (C30)	18.093	2548857	18.301 ug/ml
18) T n-Dotriacontane (C32)	18.927	2503308	19.192 ug/mlm
19) T n-Tetratriacontane (C34)	19.712	2220436	20.425 ug/mlm
20) T n-Hexatriacontane (C36)	20.451	1846689	20.996 ug/mlm
21) T n-Octatriacontane (C38)	21.192	1805288	21.906 ug/mlm
22) T n-Tetracontane (C40)	22.109	1751534	22.076 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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