

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF022525AL\
 Data File : FF015541.D
 Signal(s) : FID2B.ch
 Acq On : 25 Feb 2025 15:53
 Operator : YP\AJ
 Sample : 5 PPM ALIPHATIC HC STD5
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 5 PPM ALIPHATIC HC STD5

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 02/26/2025
 Supervised By :Ankita Jodhani 02/26/2025

Integration File: autoint1.e
 Quant Time: Feb 25 16:04:25 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 022525.M
 Quant Title : GC Extractables
 QLast Update : Tue Feb 25 16:04:14 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)	11.934	823154	5.266 ug/ml
Spiked Amount 50.000		Recovery =	10.53%
12) S 1-chlorooctadecane (S...	13.372	584897	4.943 ug/ml
Spiked Amount 50.000		Recovery =	9.89%
Target Compounds			
1) T n-Nonane (C9)	3.313	648337	5.200 ug/ml
2) T n-Decane (C10)	4.569	642180	5.121 ug/ml
3) T A~Naphthalene (C11.7)	6.281	597783	4.665 ug/ml
4) T n-Dodecane (C12)	6.735	649410	5.106 ug/ml
5) T A~2-methylnaphthalene...	7.382	496815	4.216 ug/ml
6) T n-Tetradecane (C14)	8.563	609474	4.852 ug/ml
7) T n-Hexadecane (C16)	10.171	636100	4.871 ug/ml
8) T n-Octadecane (C18)	11.614	673554	4.901 ug/ml
10) T n-Eicosane (C20)	12.925	700452	5.063 ug/ml
11) T n-Heneicosane (C21)	13.537	711530	5.122 ug/ml
13) T n-Docosane (C22)	14.125	694820	5.024 ug/ml
14) T n-Tetracosane (C24)	15.229	708180	4.996 ug/ml
15) T n-Hexacosane (C26)	16.253	712144	5.013 ug/ml
16) T n-Octacosane (C28)	17.203	720565	5.090 ug/ml
17) T n-Tricontane (C30)	18.091	785324	5.378 ug/ml
18) T n-Dotriacontane (C32)	18.924	799579	5.584 ug/ml
19) T n-Tetratriacontane (C34)	19.709	692718	5.478 ug/ml
20) T n-Hexatriacontane (C36)	20.451	544226	5.124 ug/mlm
21) T n-Octatriacontane (C38)	21.192	441788	4.891 ug/ml
22) T n-Tetracontane (C40)	22.114	346303	4.466 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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