

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG070725AL\
 Data File : FG016226.D
 Signal(s) : FID1A.ch
 Acq On : 07 Jul 2025 10:55
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/08/2025
 Supervised By :mohammad ahmed 07/09/2025

Integration File: autoint1.e
 Quant Time: Jul 08 02:22:46 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 061325.M
 Quant Title : GC Extractables
 QLast Update : Mon Jun 16 06:52:22 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)	12.099	2537023	19.663 ug/ml
Spiked Amount 50.000		Recovery =	39.33%
12) S 1-chlorooctadecane (S...	13.543	1962206	19.473 ug/ml
Spiked Amount 50.000		Recovery =	38.95%
Target Compounds			
1) T n-Nonane (C9)	3.413	2133269	19.716 ug/ml
2) T n-Decane (C10)	4.676	2168689	19.771 ug/ml
3) T A~Naphthalene (C11.7)	6.396	2397156	20.063 ug/ml
4) T n-Dodecane (C12)	6.858	2189405	19.884 ug/ml
5) T A~2-methylnaphthalene...	7.499	2338698	20.108 ug/ml
6) T n-Tetradecane (C14)	8.699	2180564	19.856 ug/ml
7) T n-Hexadecane (C16)	10.319	2264893	19.897 ug/ml
8) T n-Octadecane (C18)	11.774	2303862	19.790 ug/ml
10) T n-Eicosane (C20)	13.095	2243464	19.712 ug/ml
11) T n-Heneicosane (C21)	13.711	2219880	19.608 ug/ml
13) T n-Docosane (C22)	14.302	2212662	19.464 ug/ml
14) T n-Tetracosane (C24)	15.414	2203734	19.111 ug/ml
15) T n-Hexacosane (C26)	16.441	2146361	18.651 ug/ml
16) T n-Octacosane (C28)	17.398	2055378	18.111 ug/ml
17) T n-Tricontane (C30)	18.291	2019510	17.639 ug/ml
18) T n-Dotriacontane (C32)	19.128	1896171	17.391 ug/ml
19) T n-Tetratriacontane (C34)	19.916	1743794	17.626 ug/mlm
20) T n-Hexatriacontane (C36)	20.660	1564750	18.435 ug/mlm
21) T n-Octatriacontane (C38)	21.455	1390697	18.422 ug/ml
22) T n-Tetracontane (C40)	22.461	1341423	19.399 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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