

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG101625AL\
 Data File : FG016793.D
 Signal(s) : FID1A.ch
 Acq On : 16 Oct 2025 19:24
 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 10/17/2025
 Supervised By :Sohil Jodhani 10/17/2025

Integration File: autoint1.e
 Quant Time: Oct 17 01:28:29 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 100225.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 03 03:11:55 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)	12.051	2764404	17.702 ug/ml
Spiked Amount 50.000		Recovery =	35.40%
12) S 1-chlorooctadecane (S...	13.496	2110042	17.253 ug/ml
Spiked Amount 50.000		Recovery =	34.51%
Target Compounds			
1) T n-Nonane (C9)	3.372	2284715	18.416 ug/ml
2) T n-Decane (C10)	4.632	2341859	18.509 ug/ml
3) T A~Naphthalene (C11.7)	6.352	2413690	18.200 ug/ml
4) T n-Dodecane (C12)	6.814	2375805	18.574 ug/ml
5) T A~2-methylnaphthalene...	7.456	2241244	18.193 ug/ml
6) T n-Tetradecane (C14)	8.655	2361430	18.700 ug/ml
7) T n-Hexadecane (C16)	10.274	2468190	18.520 ug/ml
8) T n-Octadecane (C18)	11.727	2552964	18.150 ug/ml
10) T n-Eicosane (C20)	13.047	2499432	17.776 ug/ml
11) T n-Heneicosane (C21)	13.664	2446882	17.544 ug/ml
13) T n-Docosane (C22)	14.254	2484171	17.484 ug/ml
14) T n-Tetracosane (C24)	15.366	2576100	17.400 ug/ml
15) T n-Hexacosane (C26)	16.394	2511217	16.884 ug/ml
16) T n-Octacosane (C28)	17.351	2515258	17.049 ug/ml
17) T n-Tricontane (C30)	18.246	2689107	18.076 ug/ml
18) T n-Dotriacontane (C32)	19.083	2750927	19.406 ug/ml
19) T n-Tetratriacontane (C34)	19.873	2443764	19.684 ug/ml
20) T n-Hexatriacontane (C36)	20.616	1947894	18.897 ug/mlm
21) T n-Octatriacontane (C38)	21.396	1709414	18.781 ug/ml
22) T n-Tetracontane (C40)	22.387	1622987	19.335 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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