

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG070825AL\
 Data File : FG016238.D
 Signal(s) : FID1A.ch
 Acq On : 08 Jul 2025 10:17
 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 07/09/2025
 Supervised By :mohammad ahmed 07/10/2025

Integration File: autoint1.e
 Quant Time: Jul 09 03:56:36 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)	12.093	2647798	20.522 ug/ml
Spiked Amount 50.000		Recovery =	41.04%
12) S 1-chlorooctadecane (S...	13.538	2051257	20.357 ug/ml
Spiked Amount 50.000		Recovery =	40.71%
Target Compounds			
1) T n-Nonane (C9)	3.412	2218230	20.502 ug/ml
2) T n-Decane (C10)	4.674	2258149	20.586 ug/ml
3) T A~Naphthalene (C11.7)	6.391	2494547	20.878 ug/ml
4) T n-Dodecane (C12)	6.854	2284986	20.752 ug/ml
5) T A~2-methylnaphthalene...	7.495	2433511	20.923 ug/ml
6) T n-Tetradecane (C14)	8.695	2286993	20.825 ug/ml
7) T n-Hexadecane (C16)	10.314	2367837	20.801 ug/ml
8) T n-Octadecane (C18)	11.769	2415807	20.752 ug/ml
10) T n-Eicosane (C20)	13.089	2356961	20.709 ug/ml
11) T n-Heneicosane (C21)	13.706	2324335	20.531 ug/ml
13) T n-Docosane (C22)	14.297	2347738	20.652 ug/ml
14) T n-Tetracosane (C24)	15.409	2378792	20.629 ug/ml
15) T n-Hexacosane (C26)	16.436	2345150	20.379 ug/ml
16) T n-Octacosane (C28)	17.393	2265235	19.960 ug/ml
17) T n-Tricontane (C30)	18.286	2218425	19.377 ug/ml
18) T n-Dotriacontane (C32)	19.124	2072531	19.009 ug/ml
19) T n-Tetratriacontane (C34)	19.912	1846086	18.660 ug/ml
20) T n-Hexatriacontane (C36)	20.657	1601922	18.873 ug/mlm
21) T n-Octatriacontane (C38)	21.445	1482301	19.635 ug/ml
22) T n-Tetracontane (C40)	22.453	1412302	20.424 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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