

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC061325AL\
 Data File : FC069208.D
 Signal(s) : FID1A.ch
 Acq On : 13 Jun 2025 11:07
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/16/2025
 Supervised By :mohammad ahmed 06/17/2025

Integration File: autoint1.e
 Quant Time: Jun 13 23:08:17 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 052425.M
 Quant Title : GC Extractables
 QLast Update : Tue May 27 01:48:55 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)	11.675	2273928	18.436 ug/ml
Spiked Amount 50.000		Recovery =	36.87%
12) S 1-chlorooctadecane (S...	13.112	1582722	17.642 ug/ml
Spiked Amount 50.000		Recovery =	35.28%
Target Compounds			
1) T n-Nonane (C9)	3.403	1955960	18.431 ug/ml
2) T n-Decane (C10)	4.479	1976610	18.664 ug/ml
3) T A~Naphthalene (C11.7)	6.074	2172314	18.786 ug/ml
4) T n-Dodecane (C12)	6.505	1918179	18.247 ug/ml
5) T A~2-methylnaphthalene...	7.133	2119568	18.696 ug/ml
6) T n-Tetradecane (C14)	8.304	1830920	17.862 ug/ml
7) T n-Hexadecane (C16)	9.908	1775648	17.500 ug/ml
8) T n-Octadecane (C18)	11.352	1745096	17.461 ug/mlm
10) T n-Eicosane (C20)	12.665	1697893	17.433 ug/ml
11) T n-Heneicosane (C21)	13.278	1680641	17.461 ug/ml
13) T n-Docosane (C22)	13.865	1705427	17.901 ug/ml
14) T n-Tetracosane (C24)	14.970	1774021	18.842 ug/mlm
15) T n-Hexacosane (C26)	15.992	1832276	19.736 ug/ml
16) T n-Octacosane (C28)	16.944	1928119	20.743 ug/mlm
17) T n-Tricontane (C30)	17.834	2088437	21.584 ug/ml
18) T n-Dotriacontane (C32)	18.669	2175899	21.957 ug/ml
19) T n-Tetratriacontane (C34)	19.454	2013758	20.894 ug/ml
20) T n-Hexatriacontane (C36)	20.195	1898143	19.995 ug/ml
21) T n-Octatriacontane (C38)	20.963	1750814	19.190 ug/ml
22) T n-Tetracontane (C40)	21.926	1643333	18.625 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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