

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC061125AL\
 Data File : FC069156.D
 Signal(s) : FID1A.ch
 Acq On : 11 Jun 2025 12:12
 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 06/12/2025
 Supervised By :mohammad ahmed 06/13/2025

Integration File: autoint1.e
 Quant Time: Jun 12 06:04:07 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)	11.677	2591640	21.011 ug/ml
Spiked Amount 50.000		Recovery =	42.02%
12) S 1-chlorooctadecane (S...	13.113	1779328	19.833 ug/ml
Spiked Amount 50.000		Recovery =	39.67%
Target Compounds			
1) T n-Nonane (C9)	3.403	2267261	21.364 ug/ml
2) T n-Decane (C10)	4.479	2286075	21.586 ug/ml
3) T A~Naphthalene (C11.7)	6.074	2495853	21.584 ug/ml
4) T n-Dodecane (C12)	6.505	2230334	21.217 ug/ml
5) T A~2-methylnaphthalene...	7.133	2418396	21.332 ug/ml
6) T n-Tetradecane (C14)	8.305	2127397	20.754 ug/ml
7) T n-Hexadecane (C16)	9.910	2060073	20.303 ug/ml
8) T n-Octadecane (C18)	11.354	2013114	20.142 ug/mlm
10) T n-Eicosane (C20)	12.667	1953241	20.054 ug/ml
11) T n-Heneicosane (C21)	13.280	1922472	19.973 ug/ml
13) T n-Docosane (C22)	13.867	1944741	20.413 ug/ml
14) T n-Tetracosane (C24)	14.973	2004609	21.291 ug/ml
15) T n-Hexacosane (C26)	15.996	2054567	22.130 ug/ml
16) T n-Octacosane (C28)	16.948	2132736	22.944 ug/mlm
17) T n-Tricontane (C30)	17.839	2292064	23.689 ug/ml
18) T n-Dotriacontane (C32)	18.673	2364370	23.859 ug/ml
19) T n-Tetratriacontane (C34)	19.459	2197097	22.796 ug/ml
20) T n-Hexatriacontane (C36)	20.199	2024949	21.331 ug/ml
21) T n-Octatriacontane (C38)	20.970	1780168	19.512 ug/ml
22) T n-Tetracontane (C40)	21.933	1502759	17.031 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC061125AL\
Data File : FC069156.D
Signal(s) : FID1A.ch
Acq On : 11 Jun 2025 12:12
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 06/12/2025
Supervised By :mohammad ahmed 06/13/2025

Integration File: autoint1.e
Quant Time: Jun 12 06:04:07 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

