

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC100225AL\
 Data File : FC069899.D
 Signal(s) : FID1A.ch
 Acq On : 01 Oct 2025 15:40
 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 10/02/2025
 Supervised By :mohammad ahmed 10/04/2025

Integration File: autoint1.e
 Quant Time: Oct 01 16:50:58 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 092325.M
 Quant Title : GC Extractables
 Qlast Update : Tue Sep 23 14:56:40 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)	11.644	3610652	19.277 ug/ml
Spiked Amount 50.000		Recovery =	38.55%
12) S 1-chlorooctadecane (S...	13.079	2824509	17.886 ug/ml
Spiked Amount 50.000		Recovery =	35.77%
Target Compounds			
1) T n-Nonane (C9)	3.384	2595882	20.250 ug/ml
2) T n-Decane (C10)	4.455	2779683	20.919 ug/ml
3) T A~Naphthalene (C11.7)	6.048	3123762	21.043 ug/ml
4) T n-Dodecane (C12)	6.478	2975660	21.331 ug/ml
5) T A~2-methylnaphthalene...	7.107	3119548	21.129 ug/ml
6) T n-Tetradecane (C14)	8.275	3134073	21.131 ug/ml
7) T n-Hexadecane (C16)	9.879	3368054	20.409 ug/ml
8) T n-Octadecane (C18)	11.322	3449499	19.355 ug/ml
10) T n-Eicosane (C20)	12.633	3300436	18.324 ug/ml
11) T n-Heneicosane (C21)	13.245	3217801	17.846 ug/ml
13) T n-Docosane (C22)	13.832	3175804	17.481 ug/ml
14) T n-Tetracosane (C24)	14.935	3120338	16.958 ug/ml
15) T n-Hexacosane (C26)	15.957	2972882	16.374 ug/ml
16) T n-Octacosane (C28)	16.908	2899629	16.426 ug/ml
17) T n-Tricontane (C30)	17.797	3041929	17.379 ug/ml
18) T n-Dotriacontane (C32)	18.629	2940228	18.174 ug/mlm
19) T n-Tetratriacontane (C34)	19.414	2553648	18.273 ug/ml
20) T n-Hexatriacontane (C36)	20.153	1867233	16.539 ug/ml
21) T n-Octatriacontane (C38)	20.910	1518712	15.743 ug/mlm
22) T n-Tetracontane (C40)	21.861	1273032	14.781 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC100225AL\
Data File : FC069899.D
Signal(s) : FID1A.ch
Acq On : 01 Oct 2025 15:40
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 10/02/2025
Supervised By :mohammad ahmed 10/04/2025

Integration File: autoint1.e
Quant Time: Oct 01 16:50:58 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 092325.M
Quant Title : GC Extractables
QLast Update : Tue Sep 23 14:56:40 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

