

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC040725AL\
 Data File : FC068506.D
 Signal(s) : FID1A.ch
 Acq On : 07 Apr 2025 21:15
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 04/08/2025
 Supervised By :mohammad ahmed 04/09/2025

Integration File: autoint1.e
 Quant Time: Apr 08 02:37:27 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 040225.M
 Quant Title : GC Extractables
 QLast Update : Mon Apr 07 16:09:59 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)	11.721	2739240	21.242 ug/ml
Spiked Amount 50.000		Recovery =	42.48%
12) S 1-chlorooctadecane (S...	13.153	2021607	21.977 ug/ml
Spiked Amount 50.000		Recovery =	43.95%
Target Compounds			
1) T n-Nonane (C9)	3.451	2328385	20.895 ug/ml
2) T n-Decane (C10)	4.526	2405472	20.658 ug/ml
3) T A~Naphthalene (C11.7)	6.125	2647289	21.167 ug/ml
4) T n-Dodecane (C12)	6.552	2415132	21.355 ug/ml
5) T A~2-methylnaphthalene...	7.183	2577783	21.541 ug/ml
6) T n-Tetradecane (C14)	8.350	2377210	21.300 ug/ml
7) T n-Hexadecane (C16)	9.953	2419535	21.163 ug/ml
8) T n-Octadecane (C18)	11.397	2416705	21.078 ug/ml
10) T n-Eicosane (C20)	12.707	2308530	21.104 ug/ml
11) T n-Heneicosane (C21)	13.320	2262160	21.210 ug/ml
13) T n-Docosane (C22)	13.906	2256348	20.899 ug/ml
14) T n-Tetracosane (C24)	15.012	2255446	20.233 ug/ml
15) T n-Hexacosane (C26)	16.034	2215113	19.916 ug/ml
16) T n-Octacosane (C28)	16.985	2198871	19.859 ug/ml
17) T n-Tricontane (C30)	17.875	2272469	20.557 ug/ml
18) T n-Dotriacontane (C32)	18.711	2196932	21.104 ug/ml
19) T n-Tetratriacontane (C34)	19.495	1867075	20.792 ug/ml
20) T n-Hexatriacontane (C36)	20.234	1372166	18.329 ug/mlm
21) T n-Octatriacontane (C38)	21.011	1038247	16.607 ug/mlm
22) T n-Tetracontane (C40)	21.995	845820	18.104 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC040725AL\
Data File : FC068506.D
Signal(s) : FID1A.ch
Acq On : 07 Apr 2025 21:15
Operator : YP/AJ
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/08/2025
Supervised By :mohammad ahmed 04/09/2025

Integration File: autoint1.e
Quant Time: Apr 08 02:37:27 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 040225.M
Quant Title : GC Extractables
QLast Update : Mon Apr 07 16:09:59 2025
Response via : Initial Calibration
Integrator: ChemStation

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

