

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE053025AL\
 Data File : FE054089.D
 Signal(s) : FID1B.ch
 Acq On : 30 May 2025 09:29
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/02/2025
 Supervised By :mohammad ahmed 06/03/2025

Integration File: autoint1.e
 Quant Time: May 30 22:52:34 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 051425.M
 Quant Title : GC Extractables
 QLast Update : Wed May 14 12:15:41 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)	11.850	2774568	17.073 ug/ml
Spiked Amount 50.000		Recovery =	34.15%
12) S 1-chlorooctadecane (S...	13.295	2096185	17.682 ug/ml
Spiked Amount 50.000		Recovery =	35.36%
Target Compounds			
1) T n-Nonane (C9)	3.191	2176537	16.104 ug/mlm
2) T n-Decane (C10)	4.455	2068467	15.307 ug/ml
3) T A~Naphthalene (C11.7)	6.173	2317044	16.123 ug/ml
4) T n-Dodecane (C12)	6.637	2200521	16.132 ug/mlm
5) T A~2-methylnaphthalene...	7.276	2260958	16.300 ug/ml
6) T n-Tetradecane (C14)	8.473	2196927	16.280 ug/ml
7) T n-Hexadecane (C16)	10.086	2259911	16.748 ug/ml
8) T n-Octadecane (C18)	11.534	2290842	17.012 ug/ml
10) T n-Eicosane (C20)	12.848	2268488	17.260 ug/ml
11) T n-Heneicosane (C21)	13.462	2239968	17.278 ug/ml
13) T n-Docosane (C22)	14.050	2240921	17.565 ug/ml
14) T n-Tetracosane (C24)	15.157	2237573	17.884 ug/ml
15) T n-Hexacosane (C26)	16.181	2196243	17.936 ug/ml
16) T n-Octacosane (C28)	17.133	2168896	17.842 ug/ml
17) T n-Tricontane (C30)	18.022	2245142	18.024 ug/mlm
18) T n-Dotriacontane (C32)	18.858	2289920	18.311 ug/ml
19) T n-Tetratriacontane (C34)	19.643	2162123	18.151 ug/mlm
20) T n-Hexatriacontane (C36)	20.384	2271328	19.616 ug/mlm
21) T n-Octatriacontane (C38)	21.118	2173296	19.970 ug/mlm
22) T n-Tetracontane (C40)	22.017	2016205	20.318 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE053025AL\
Data File : FE054089.D
Signal(s) : FID1B.ch
Acq On : 30 May 2025 09:29
Operator : YP\AJ
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/02/2025
Supervised By :mohammad ahmed 06/03/2025

Integration File: autoint1.e
Quant Time: May 30 22:52:34 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 051425.
Quant Title : GC Extractables
QLast Update : Wed May 14 12:15:41 2025
Response via : Initial Calibration
Integrator: ChemStation

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

