

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE060625AL\
 Data File : FE054227.D
 Signal(s) : FID1B.ch
 Acq On : 06 Jun 2025 19:23
 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 06/09/2025
 Supervised By :mohammad ahmed 06/10/2025

Integration File: autoint1.e
 Quant Time: Jun 07 00:56:21 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)	11.832	3090290	19.016 ug/ml
Spiked Amount 50.000		Recovery =	38.03%
12) S 1-chlorooctadecane (S...	13.277	2350003	19.823 ug/ml
Spiked Amount 50.000		Recovery =	39.65%
Target Compounds			
1) T n-Nonane (C9)	3.180	2211250	16.361 ug/mlm
2) T n-Decane (C10)	4.444	2196033	16.251 ug/ml
3) T A~Naphthalene (C11.7)	6.159	2463219	17.140 ug/ml
4) T n-Dodecane (C12)	6.625	2314490	16.968 ug/ml
5) T A~2-methylnaphthalene...	7.261	2494213	17.982 ug/ml
6) T n-Tetradecane (C14)	8.460	2391177	17.719 ug/ml
7) T n-Hexadecane (C16)	10.072	2461630	18.243 ug/ml
8) T n-Octadecane (C18)	11.519	2525961	18.758 ug/ml
10) T n-Eicosane (C20)	12.831	2544446	19.360 ug/ml
11) T n-Heneicosane (C21)	13.445	2532490	19.534 ug/ml
13) T n-Docosane (C22)	14.033	2543027	19.933 ug/ml
14) T n-Tetracosane (C24)	15.137	2577751	20.603 ug/mlm
15) T n-Hexacosane (C26)	16.161	2562752	20.929 ug/ml
16) T n-Octacosane (C28)	17.112	2563550	21.088 ug/ml
17) T n-Tricontane (C30)	18.001	2640893	21.201 ug/ml
18) T n-Dotriacontane (C32)	18.835	2607530	20.851 ug/ml
19) T n-Tetratriacontane (C34)	19.620	2442795	20.507 ug/mlm
20) T n-Hexatriacontane (C36)	20.361	2248977	19.423 ug/ml
21) T n-Octatriacontane (C38)	21.089	2008152	18.453 ug/ml
22) T n-Tetracontane (C40)	21.979	1923407	19.383 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE060625AL\
Data File : FE054227.D
Signal(s) : FID1B.ch
Acq On : 06 Jun 2025 19:23
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 06/09/2025
Supervised By :mohammad ahmed 06/10/2025

Integration File: autoint1.e
Quant Time: Jun 07 00:56:21 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

