

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE062325AL\
 Data File : FE054535.D
 Signal(s) : FID1B.ch
 Acq On : 23 Jun 2025 11:12
 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

Integration File: autoint1.e
 Quant Time: Jun 24 03:06:11 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 061025.M
 Quant Title : GC Extractables
 QLast Update : Tue Jun 10 07:24:04 2025
 Response via : Initial Calibration
 Integrator: ChemStation

06/24/2025
 Supervised By :mohammad
 ahmed

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

Compound	R.T.	Response	Conc Units
-----06/25/2025			
System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.826	3054075	18.483 ug/ml
Spiked Amount 50.000		Recovery =	36.97%
12) S 1-chlorooctadecane (S...	13.272	2203523	18.069 ug/ml
Spiked Amount 50.000		Recovery =	36.14%
Target Compounds			
1) T n-Nonane (C9)	3.172	2246359	18.090 ug/ml
2) T n-Decane (C10)	4.435	2315234	18.633 ug/ml
3) T A~Naphthalene (C11.7)	6.151	2462920	18.225 ug/ml
4) T n-Dodecane (C12)	6.618	2369307	18.607 ug/ml
5) T A~2-methylnaphthalene...	7.254	2458345	18.560 ug/ml
6) T n-Tetradecane (C14)	8.453	2377448	18.364 ug/ml
7) T n-Hexadecane (C16)	10.066	2441879	18.382 ug/ml
8) T n-Octadecane (C18)	11.513	2510278	18.590 ug/ml
10) T n-Eicosane (C20)	12.826	2475547	18.505 ug/ml
11) T n-Heneicosane (C21)	13.439	2469110	18.569 ug/ml
13) T n-Docosane (C22)	14.027	2455088	18.724 ug/ml
14) T n-Tetracosane (C24)	15.133	2463667	19.099 ug/ml
15) T n-Hexacosane (C26)	16.156	2378696	18.949 ug/ml
16) T n-Octacosane (C28)	17.109	2415642	19.698 ug/ml
17) T n-Tricontane (C30)	17.999	2646451	21.352 ug/ml
18) T n-Dotriacontane (C32)	18.833	2630598	20.937 ug/ml
19) T n-Tetratriacontane (C34)	19.619	2401293	19.302 ug/ml
20) T n-Hexatriacontane (C36)	20.360	2273887	17.664 ug/ml
21) T n-Octatriacontane (C38)	21.089	2157622	16.340 ug/ml
22) T n-Tetracontane (C40)	21.977	2382026	17.683 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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