

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE082125AL\
 Data File : FE055426.D
 Signal(s) : FID1B.ch
 Acq On : 21 Aug 2025 13:43
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/22/2025
 Supervised By :mohammad ahmed 08/25/2025

Integration File: autoint1.e
 Quant Time: Aug 22 01:17:52 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 080125.M
 Quant Title : GC Extractables
 QLast Update : Fri Aug 01 13:47:09 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)	12.083	2988372	20.926 ug/ml
Spiked Amount 50.000		Recovery =	41.85%
12) S 1-chlorooctadecane (S...	13.519	2329249	21.663 ug/ml
Spiked Amount 50.000		Recovery =	43.33%
Target Compounds			
1) T n-Nonane (C9)	3.418	2341921	20.405 ug/ml
2) T n-Decane (C10)	4.676	2376934	20.404 ug/ml
3) T A~Naphthalene (C11.7)	6.397	2757546	20.543 ug/ml
4) T n-Dodecane (C12)	6.852	2451423	20.586 ug/ml
5) T A~2-methylnaphthalene...	7.498	2702659	20.729 ug/ml
6) T n-Tetradecane (C14)	8.690	2494986	20.349 ug/ml
7) T n-Hexadecane (C16)	10.305	2609028	20.408 ug/ml
8) T n-Octadecane (C18)	11.756	2693549	20.644 ug/ml
10) T n-Eicosane (C20)	13.071	2631772	20.975 ug/ml
11) T n-Heneicosane (C21)	13.686	2607165	21.150 ug/ml
13) T n-Docosane (C22)	14.274	2606755	21.346 ug/ml
14) T n-Tetracosane (C24)	15.380	2592219	21.312 ug/ml
15) T n-Hexacosane (C26)	16.405	2536513	21.200 ug/ml
16) T n-Octacosane (C28)	17.357	2507547	21.139 ug/ml
17) T n-Tricontane (C30)	18.246	2559831	20.803 ug/mlm
18) T n-Dotriacontane (C32)	19.081	2544239	20.852 ug/mlm
19) T n-Tetratriacontane (C34)	19.867	2455014	20.998 ug/mlm
20) T n-Hexatriacontane (C36)	20.608	2297330	21.019 ug/mlm
21) T n-Octatriacontane (C38)	21.388	2221319	20.554 ug/mlm
22) T n-Tetracontane (C40)	22.379	2241467	21.434 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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