

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE081925AL\
 Data File : FE055394.D
 Signal(s) : FID1B.ch
 Acq On : 19 Aug 2025 21:35
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/20/2025
 Supervised By :mohammad ahmed 08/21/2025

Integration File: sample.E
 Quant Time: Aug 20 01:24:03 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)	12.085	2831774	19.830 ug/ml
Spiked Amount 50.000		Recovery =	39.66%
12) S 1-chlorooctadecane (S...	13.522	2168637	20.169 ug/ml
Spiked Amount 50.000		Recovery =	40.34%
Target Compounds			
1) T n-Nonane (C9)	3.420	2139546	18.642 ug/ml
2) T n-Decane (C10)	4.678	2207768	18.951 ug/ml
3) T A~Naphthalene (C11.7)	6.399	2540117	18.924 ug/ml
4) T n-Dodecane (C12)	6.854	2277056	19.122 ug/ml
5) T A~2-methylnaphthalene...	7.500	2489089	19.091 ug/ml
6) T n-Tetradecane (C14)	8.692	2329242	18.997 ug/ml
7) T n-Hexadecane (C16)	10.308	2470171	19.322 ug/ml
8) T n-Octadecane (C18)	11.758	2577697	19.756 ug/ml
10) T n-Eicosane (C20)	13.074	2514168	20.038 ug/ml
11) T n-Heneicosane (C21)	13.687	2475030	20.079 ug/ml
13) T n-Docosane (C22)	14.276	2453068	20.087 ug/ml
14) T n-Tetracosane (C24)	15.384	2435768	20.025 ug/ml
15) T n-Hexacosane (C26)	16.408	2372580	19.830 ug/ml
16) T n-Octacosane (C28)	17.360	2370133	19.980 ug/ml
17) T n-Tricontane (C30)	18.250	2496463	20.288 ug/ml
18) T n-Dotriacontane (C32)	19.083	2544164	20.852 ug/mlm
19) T n-Tetratriacontane (C34)	19.869	2443238	20.897 ug/mlm
20) T n-Hexatriacontane (C36)	20.611	2266791	20.739 ug/mlm
21) T n-Octatriacontane (C38)	21.390	2334071	21.598 ug/mlm
22) T n-Tetracontane (C40)	22.382	2012450	19.244 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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