

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE012425AL\
 Data File : FE052035.D
 Signal(s) : FID1B.ch
 Acq On : 24 Jan 2025 05:44
 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 01/27/2025
 Supervised By :Ankita Jodhani 01/27/2025

Integration File: autoint1.e
 Quant Time: Jan 24 06:38:26 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 011625.M
 Quant Title : GC Extractables
 QLast Update : Thu Jan 16 16:05:07 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)	12.201	2637144	18.451 ug/ml
Spiked Amount 50.000		Recovery =	36.90%
12) S 1-chlorooctadecane (S...	13.615	2044332	17.821 ug/ml
Spiked Amount 50.000		Recovery =	35.64%
Target Compounds			
1) T n-Nonane (C9)	3.682	1965611	18.437 ug/ml
2) T n-Decane (C10)	4.909	2106788	19.244 ug/ml
3) T A~Naphthalene (C11.7)	6.603	2418740	19.905 ug/ml
4) T n-Dodecane (C12)	7.037	2216691	19.640 ug/ml
5) T A~2-methylnaphthalene...	7.683	2391473	20.032 ug/ml
6) T n-Tetradecane (C14)	8.842	2287518	19.668 ug/ml
7) T n-Hexadecane (C16)	10.435	2420630	19.193 ug/ml
8) T n-Octadecane (C18)	11.868	2467341	18.649 ug/ml
10) T n-Eicosane (C20)	13.169	2388476	18.219 ug/ml
11) T n-Heneicosane (C21)	13.777	2336280	17.949 ug/ml
13) T n-Docosane (C22)	14.361	2362724	18.004 ug/ml
14) T n-Tetracosane (C24)	15.459	2414722	18.179 ug/ml
15) T n-Hexacosane (C26)	16.475	2424357	18.341 ug/ml
16) T n-Octacosane (C28)	17.422	2479769	18.788 ug/mlm
17) T n-Tricontane (C30)	18.307	2643147	19.386 ug/mlm
18) T n-Dotriacontane (C32)	19.137	2571120	19.619 ug/ml
19) T n-Tetratriacontane (C34)	19.918	2149578	19.093 ug/ml
20) T n-Hexatriacontane (C36)	20.656	1812113	19.079 ug/ml
21) T n-Octatriacontane (C38)	21.441	1669563	19.328 ug/ml
22) T n-Tetracontane (C40)	22.444	1652923	20.057 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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