

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE021325AL\
 Data File : FE052381.D
 Signal(s) : FID1B.ch
 Acq On : 13 Feb 2025 18:14
 Operator : YP\AJ
 Sample : 5 PPM ALIPHATIC HC STD5
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 5 PPM ALIPHATIC HC STD5

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 02/14/2025
 Supervised By :Ankita Jodhani 02/14/2025

Integration File: autoint1.e
 Quant Time: Feb 14 00:45:51 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 021325.M
 Quant Title : GC Extractables
 QLast Update : Thu Feb 13 18:06:18 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)	11.916	1001500	5.353 ug/ml
Spiked Amount 50.000		Recovery =	10.71%
12) S 1-chlorooctadecane (S...	13.363	740554	5.314 ug/ml
Spiked Amount 50.000		Recovery =	10.63%
Target Compounds			
1) T n-Nonane (C9)	3.253	823892	5.370 ug/ml
2) T n-Decane (C10)	4.515	834917	5.345 ug/ml
3) T A~Naphthalene (C11.7)	6.228	920357	5.330 ug/ml
4) T n-Dodecane (C12)	6.697	842532	5.334 ug/ml
5) T A~2-methylnaphthalene...	7.330	890871	5.307 ug/ml
6) T n-Tetradecane (C14)	8.535	839689	5.325 ug/ml
7) T n-Hexadecane (C16)	10.151	870784	5.318 ug/ml
8) T n-Octadecane (C18)	11.601	884055	5.335 ug/ml
10) T n-Eicosane (C20)	12.917	851461	5.326 ug/ml
11) T n-Heneicosane (C21)	13.531	836981	5.329 ug/ml
13) T n-Docosane (C22)	14.120	830974	5.291 ug/ml
14) T n-Tetracosane (C24)	15.227	830207	5.254 ug/ml
15) T n-Hexacosane (C26)	16.252	816927	5.247 ug/ml
16) T n-Octacosane (C28)	17.206	821709	5.261 ug/ml
17) T n-Tricontane (C30)	18.097	872848	5.159 ug/ml
18) T n-Dotriacontane (C32)	18.933	890869	5.001 ug/ml
19) T n-Tetratriacontane (C34)	19.719	851618	5.021 ug/mlm
20) T n-Hexatriacontane (C36)	20.462	753663	5.186 ug/mlm
21) T n-Octatriacontane (C38)	21.207	629299	5.057 ug/ml
22) T n-Tetracontane (C40)	22.135	571230	5.232 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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