

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE110724AL\
 Data File : FE051079.D
 Signal(s) : FID1B.ch
 Acq On : 06 Nov 2024 18:53
 Operator : YP\AJ
 Sample : 5 PPM ALIPHATIC HC STD5
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 5 PPM ALIPHATIC HC STD5

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/07/2024
 Supervised By :Ankita Jodhani 11/07/2024

Integration File: autoint1.e
 Quant Time: Nov 07 04:51:22 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 110724.M
 Quant Title : GC Extractables
 QLast Update : Thu Nov 07 04:50:43 2024
 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)	11.849	781023	5.407 ug/ml
Spiked Amount 50.000		Recovery =	10.81%
12) S 1-chlorooctadecane (S...	13.282	577997	5.240 ug/ml
Spiked Amount 50.000		Recovery =	10.48%
Target Compounds			
1) T n-Nonane (C9)	3.239	708000	5.280 ug/ml
2) T n-Decane (C10)	4.489	713817	5.246 ug/ml
3) T A~Naphthalene (C11.7)	6.207	571648	4.249 ug/ml
4) T n-Dodecane (C12)	6.657	723070	5.287 ug/ml
5) T A~2-methylnaphthalene...	7.303	546326	4.316 ug/ml
6) T n-Tetradecane (C14)	8.483	717946	5.324 ug/ml
7) T n-Hexadecane (C16)	10.088	729959	5.316 ug/ml
8) T n-Octadecane (C18)	11.528	739553	5.372 ug/ml
10) T n-Eicosane (C20)	12.836	716888	5.452 ug/ml
11) T n-Heneicosane (C21)	13.447	695602	5.404 ug/ml
13) T n-Docosane (C22)	14.031	694430	5.432 ug/ml
14) T n-Tetracosane (C24)	15.133	692936	5.418 ug/ml
15) T n-Hexacosane (C26)	16.151	703789	5.462 ug/ml
16) T n-Octacosane (C28)	17.100	731057	5.612 ug/ml
17) T n-Tricontane (C30)	17.987	808062	5.882 ug/ml
18) T n-Dotriacontane (C32)	18.818	849237	6.107 ug/ml
19) T n-Tetratriacontane (C34)	19.602	750913	5.929 ug/ml
20) T n-Hexatriacontane (C36)	20.341	647398	5.720 ug/ml
21) T n-Octatriacontane (C38)	21.063	614335	5.747 ug/ml
22) T n-Tetracontane (C40)	21.941	608672	5.920 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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