

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE103122AL\
 Data File : FE038469.D
 Signal(s) : FID1B.ch
 Acq On : 01 Nov 2022 02:47
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/01/2022
 Supervised By :Ankita Jodhani 11/01/2022

Integration File: autoint1.e
 Quant Time: Nov 01 04:47:27 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 102522.M
 Quant Title : GC Extractables
 Qlast Update : Wed Oct 26 04:49:29 2022
 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)	11.971	3469220	20.161 ug/ml
Spiked Amount 50.000		Recovery =	40.32%
12) S 1-chlorooctadecane (S...	13.404	2720510	19.872 ug/ml
Spiked Amount 50.000		Recovery =	39.74%
Target Compounds			
1) T n-Nonane (C9)	3.368	3377435	21.930 ug/ml
2) T n-Decane (C10)	4.616	3409126	21.963 ug/ml
3) T A~Naphthalene (C11.7)	6.318	3632805	21.451 ug/ml
4) T n-Dodecane (C12)	6.777	3419950	21.892 ug/ml
5) T A~2-methylnaphthalene...	7.412	3550835	21.188 ug/ml
6) T n-Tetradecane (C14)	8.603	3378805	21.605 ug/ml
7) T n-Hexadecane (C16)	10.209	3354429	21.232 ug/ml
8) T n-Octadecane (C18)	11.651	3323636	20.749 ug/ml
10) T n-Eicosane (C20)	12.959	3259897	20.232 ug/ml
11) T n-Heneicosane (C21)	13.571	3222869	19.952 ug/ml
13) T n-Docosane (C22)	14.156	3198491	19.812 ug/ml
14) T n-Tetracosane (C24)	15.257	3097289	19.310 ug/ml
15) T n-Hexacosane (C26)	16.277	3031549	19.086 ug/ml
16) T n-Octacosane (C28)	17.224	2996788	19.101 ug/ml
17) T n-Tricontane (C30)	18.112	3045500	19.087 ug/ml
18) T n-Dotriacontane (C32)	18.945	3116825	19.768 ug/mlm
19) T n-Tetratriacontane (C34)	19.725	3008920	20.410 ug/mlm
20) T n-Hexatriacontane (C36)	20.466	3122363	21.852 ug/ml
21) T n-Octatriacontane (C38)	21.207	2995580	22.179 ug/mlm
22) T n-Tetracontane (C40)	22.136	3228445	25.576 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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