

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE122722AL\
 Data File : FE039485.D
 Signal(s) : FID1B.ch
 Acq On : 27 Dec 2022 13:06
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/28/2022
 Supervised By :Ankita Jodhani 12/28/2022

Integration File: autoint1.e
 Quant Time: Dec 28 02:17:27 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 121722.M
 Quant Title : GC Extractables
 QLast Update : Sat Dec 17 15:09:52 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)	11.928	3157396	21.157 ug/ml
Spiked Amount 50.000		Recovery =	42.31%
12) S 1-chlorooctadecane (S...	13.364	2379109	20.670 ug/ml
Spiked Amount 50.000		Recovery =	41.34%
Target Compounds			
1) T n-Nonane (C9)	3.325	2670462	20.660 ug/ml
2) T n-Decane (C10)	4.574	2641060	20.727 ug/ml
3) T A~Naphthalene (C11.7)	6.276	2979318	20.610 ug/ml
4) T n-Dodecane (C12)	6.737	2669696	20.564 ug/ml
5) T A~2-methylnaphthalene...	7.370	2792499	20.619 ug/ml
6) T n-Tetradecane (C14)	8.563	2722613	20.546 ug/ml
7) T n-Hexadecane (C16)	10.169	2829441	20.567 ug/ml
8) T n-Octadecane (C18)	11.611	2905522	20.745 ug/ml
10) T n-Eicosane (C20)	12.920	2848588	20.868 ug/ml
11) T n-Heneicosane (C21)	13.532	2824034	20.705 ug/ml
13) T n-Docosane (C22)	14.118	2851238	21.077 ug/ml
14) T n-Tetracosane (C24)	15.220	2871641	21.392 ug/ml
15) T n-Hexacosane (C26)	16.241	2797393	21.484 ug/ml
16) T n-Octacosane (C28)	17.192	2802453	21.775 ug/ml
17) T n-Tricontane (C30)	18.078	2873970	22.322 ug/mlm
18) T n-Dotriacontane (C32)	18.911	2880667	22.244 ug/ml
19) T n-Tetratriacontane (C34)	19.695	2703487	21.429 ug/ml
20) T n-Hexatriacontane (C36)	20.436	2446969	20.237 ug/ml
21) T n-Octatriacontane (C38)	21.172	2367358	19.169 ug/mlm
22) T n-Tetracontane (C40)	22.083	2282070	18.172 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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