

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE081622AL\
 Data File : FE037106.D
 Signal(s) : FID1B.ch
 Acq On : 17 Aug 2022 01:47
 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 08/17/2022
 Supervised By :Ankita Jodhani 08/17/2022

Integration File: autoint1.e
 Quant Time: Aug 17 06:04:50 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 081222.M
 Quant Title : GC Extractables
 QLast Update : Fri Aug 12 07:36:15 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)	11.818	3563909	19.376 ug/ml
Spiked Amount 50.000		Recovery =	38.75%
12) S 1-chlorooctadecane (S...	13.257	2806601	19.230 ug/ml
Spiked Amount 50.000		Recovery =	38.46%
Target Compounds			
1) T n-Nonane (C9)	3.210	3160278	20.561 ug/ml
2) T n-Decane (C10)	4.464	3171597	20.751 ug/ml
3) T A~Naphthalene (C11.7)	6.166	3407808	20.711 ug/ml
4) T n-Dodecane (C12)	6.633	3234357	20.709 ug/ml
5) T A~2-methylnaphthalene...	7.262	3381439	20.834 ug/ml
6) T n-Tetradecane (C14)	8.459	3240744	20.507 ug/ml
7) T n-Hexadecane (C16)	10.065	3233930	20.334 ug/ml
8) T n-Octadecane (C18)	11.506	3272828	19.934 ug/ml
10) T n-Eicosane (C20)	12.814	3192169	19.444 ug/ml
11) T n-Heneicosane (C21)	13.425	3168510	19.279 ug/ml
13) T n-Docosane (C22)	14.011	3113628	19.136 ug/ml
14) T n-Tetracosane (C24)	15.112	3021089	18.692 ug/ml
15) T n-Hexacosane (C26)	16.131	2902205	18.296 ug/ml
16) T n-Octacosane (C28)	17.081	2821006	18.149 ug/ml
17) T n-Tricontane (C30)	17.969	2690109	18.446 ug/ml
18) T n-Dotriacontane (C32)	18.801	2193203	18.873 ug/ml
19) T n-Tetratriacontane (C34)	19.584	1596652	19.375 ug/ml
20) T n-Hexatriacontane (C36)	20.323	1214866	20.110 ug/mlm
21) T n-Octatriacontane (C38)	21.043	1086773	21.309 ug/mlm
22) T n-Tetracontane (C40)	21.911	969786	20.149 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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