

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE120222AL\
 Data File : FE039080.D
 Signal(s) : FID1B.ch
 Acq On : 02 Dec 2022 09:17
 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 12/05/2022
 Supervised By :Ankita Jodhani 12/05/2022

Integration File: autoint1.e
 Quant Time: Dec 02 15:35:35 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 111922.M
 Quant Title : GC Extractables
 QLast Update : Sat Nov 19 05:37:37 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)	11.948	2754978	17.611 ug/ml
Spiked Amount 50.000		Recovery =	35.22%
12) S 1-chlorooctadecane (S...	13.383	2134904	17.682 ug/ml
Spiked Amount 50.000		Recovery =	35.36%
Target Compounds			
1) T n-Nonane (C9)	3.341	2304844	16.260 ug/ml
2) T n-Decane (C10)	4.592	2289490	16.426 ug/ml
3) T A~Naphthalene (C11.7)	6.296	2682161	16.863 ug/ml
4) T n-Dodecane (C12)	6.755	2323988	16.487 ug/ml
5) T A~2-methylnaphthalene...	7.390	2529382	16.900 ug/ml
6) T n-Tetradecane (C14)	8.581	2390661	16.739 ug/ml
7) T n-Hexadecane (C16)	10.187	2496866	17.077 ug/ml
8) T n-Octadecane (C18)	11.629	2564801	17.430 ug/ml
10) T n-Eicosane (C20)	12.938	2539105	17.886 ug/ml
11) T n-Heneicosane (C21)	13.550	2521670	17.746 ug/ml
13) T n-Docosane (C22)	14.135	2569542	18.382 ug/ml
14) T n-Tetracosane (C24)	15.238	2644697	19.150 ug/ml
15) T n-Hexacosane (C26)	16.259	2660788	19.810 ug/ml
16) T n-Octacosane (C28)	17.208	2712881	20.429 ug/ml
17) T n-Tricontane (C30)	18.095	2762359	20.917 ug/ml
18) T n-Dotriacontane (C32)	18.929	2774899	20.807 ug/ml
19) T n-Tetratriacontane (C34)	19.710	2620678	19.805 ug/mlm
20) T n-Hexatriacontane (C36)	20.450	2441761	19.006 ug/mlm
21) T n-Octatriacontane (C38)	21.192	2536429	19.357 ug/ml
22) T n-Tetracontane (C40)	22.112	2623895	19.270 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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