

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE090722AL\
 Data File : FE037454.D
 Signal(s) : FID1B.ch
 Acq On : 08 Sep 2022 01:55
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/08/2022
 Supervised By :Ankita Jodhani 09/08/2022

Integration File: autoint1.e
 Quant Time: Sep 08 03:06:29 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 082922.M
 Quant Title : GC Extractables
 QLast Update : Tue Aug 30 06:54:11 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)	11.644	2995342	17.725 ug/ml
Spiked Amount 50.000		Recovery =	35.45%
12) S 1-chlorooctadecane (S...	13.068	2304890	17.909 ug/ml
Spiked Amount 50.000		Recovery =	35.82%
Target Compounds			
1) T n-Nonane (C9)	3.037	2816132	18.405 ug/ml
2) T n-Decane (C10)	4.295	2914580	18.904 ug/ml
3) T A~Naphthalene (C11.7)	6.010	2890955	20.066 ug/ml
4) T n-Dodecane (C12)	6.467	2973012	18.801 ug/ml
5) T A~2-methylnaphthalene...	7.104	2831749	20.283 ug/ml
6) T n-Tetradecane (C14)	9.886	2934075	18.517 ug/ml
7) T n-Hexadecane (C16)	9.886	2934075	18.517 ug/ml
8) T n-Octadecane (C18)	11.322	2890675	18.153 ug/ml
10) T n-Eicosane (C20)	12.625	2817427	17.807 ug/ml
11) T n-Heneicosane (C21)	13.234	2777819	17.616 ug/ml
13) T n-Docosane (C22)	13.817	2727822	17.523 ug/ml
14) T n-Tetracosane (C24)	14.916	2639782	17.551 ug/ml
15) T n-Hexacosane (C26)	15.932	2571254	17.757 ug/ml
16) T n-Octacosane (C28)	16.878	2550032	18.407 ug/ml
17) T n-Tricontane (C30)	17.761	2705419	19.888 ug/ml
18) T n-Dotriacontane (C32)	18.592	2824190	21.150 ug/ml
19) T n-Tetratriacontane (C34)	19.370	2748527	21.723 ug/mlm
20) T n-Hexatriacontane (C36)	20.106	2742298	21.322 ug/ml
21) T n-Octatriacontane (C38)	20.804	2641492	21.224 ug/ml
22) T n-Tetracontane (C40)	21.589	2882563	22.360 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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