

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE061522AL\
 Data File : FE036084.D
 Signal(s) : FID1B.CH
 Acq On : 16 Jun 2022 5:50
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/16/2022
 Supervised By :Ankita Jodhani 06/16/2022

Integration File: autoint1.e
 Quant Time: Jun 16 06:27:22 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 060922.M
 Quant Title : GC Extractables
 QLast Update : Thu Jun 09 16:49:15 2022
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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)	10.865	2607287	19.088 ug/ml
Spiked Amount 50.000		Recovery =	38.18%
12) S 1-chlorooctadecane (S...	12.304	2019672	19.326 ug/ml
Spiked Amount 50.000		Recovery =	38.65%
Target Compounds			
1) T n-Nonane (C9)	2.725	2574852	20.394 ug/ml
2) T n-Decane (C10)	3.735	2522362	20.252 ug/ml
3) T A~Naphthalene (C11.7)	5.294	2744798	19.719 ug/ml
4) T n-Dodecane (C12)	5.724	2498144	19.862 ug/ml
5) T A~2-methylnaphthalene...	6.342	2735865	19.577 ug/ml
6) T n-Tetradecane (C14)	7.515	2437738	19.504 ug/ml
7) T n-Hexadecane (C16)	9.114	2385944	19.495 ug/ml
8) T n-Octadecane (C18)	10.553	2367582	19.451 ug/ml
10) T n-Eicosane (C20)	11.862	2329666	19.290 ug/ml
11) T n-Heneicosane (C21)	12.474	2334114	19.275 ug/ml
13) T n-Docosane (C22)	13.059	2322634	19.228 ug/ml
14) T n-Tetracosane (C24)	14.161	2319000	19.104 ug/ml
15) T n-Hexacosane (C26)	15.183	2307905	19.002 ug/ml
16) T n-Octacosane (C28)	16.133	2308276	18.971 ug/ml
17) T n-Tricontane (C30)	17.018	2304753	19.033 ug/ml
18) T n-Dotriacontane (C32)	17.850	2228632	19.076 ug/ml
19) T n-Tetratriacontane (C34)	18.634	2108164	19.267 ug/ml
20) T n-Hexatriacontane (C36)	19.372	1989711	19.502 ug/ml
21) T n-Octatriacontane (C38)	20.100	1937444	19.697 ug/ml
22) T n-Tetracontane (C40)	20.990	1979522	20.328 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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