

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE061522AL\
 Data File : FE036047.D
 Signal(s) : FID1B.CH
 Acq On : 15 Jun 2022 9:05
 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 06/15/2022
 Supervised By :Ankita Jodhani 06/16/2022

Integration File: autoint1.e
 Quant Time: Jun 15 10:23:51 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)	10.867	2856687	20.914 ug/ml
Spiked Amount 50.000		Recovery =	41.83%
12) S 1-chlorooctadecane (S...	12.307	2173838	20.801 ug/ml
Spiked Amount 50.000		Recovery =	41.60%
Target Compounds			
1) T n-Nonane (C9)	2.725	2841505	22.506 ug/ml
2) T n-Decane (C10)	3.735	2788743	22.391 ug/ml
3) T A~Naphthalene (C11.7)	5.293	3042094	21.855 ug/ml
4) T n-Dodecane (C12)	5.724	2773705	22.053 ug/ml
5) T A~2-methylnaphthalene...	6.342	3026023	21.653 ug/ml
6) T n-Tetradecane (C14)	7.515	2692397	21.542 ug/ml
7) T n-Hexadecane (C16)	9.115	2620512	21.411 ug/ml
8) T n-Octadecane (C18)	10.555	2585973	21.245 ug/ml
10) T n-Eicosane (C20)	11.864	2524092	20.900 ug/ml
11) T n-Heneicosane (C21)	12.475	2519337	20.804 ug/ml
13) T n-Docosane (C22)	13.062	2504239	20.732 ug/ml
14) T n-Tetracosane (C24)	14.165	2490925	20.520 ug/ml
15) T n-Hexacosane (C26)	15.186	2475528	20.382 ug/ml
16) T n-Octacosane (C28)	16.136	2470065	20.301 ug/ml
17) T n-Tricontane (C30)	17.021	2469767	20.396 ug/ml
18) T n-Dotriacontane (C32)	17.854	2374858	20.328 ug/ml
19) T n-Tetratriacontane (C34)	18.639	2245569	20.522 ug/ml
20) T n-Hexatriacontane (C36)	19.377	2135335	20.929 ug/ml
21) T n-Octatriacontane (C38)	20.105	2080836	21.155 ug/mlm
22) T n-Tetracontane (C40)	20.995	2101425	21.580 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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