

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE061422AL\
 Data File : FE036045.D
 Signal(s) : FID1B.CH
 Acq On : 15 Jun 2022 00:14
 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 06/15/2022

Integration File: autoint1.e
 Quant Time: Jun 15 04:22:51 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)	10.869	2724012	19.943 ug/ml
Spiked Amount 50.000		Recovery =	39.89%
12) S 1-chlorooctadecane (S...	12.308	2094092	20.038 ug/ml
Spiked Amount 50.000		Recovery =	40.08%
Target Compounds			
1) T n-Nonane (C9)	2.725	2677003	21.203 ug/ml
2) T n-Decane (C10)	3.736	2621274	21.047 ug/ml
3) T A~Naphthalene (C11.7)	5.295	2877746	20.674 ug/ml
4) T n-Dodecane (C12)	5.725	2602548	20.692 ug/ml
5) T A~2-methylnaphthalene...	6.344	2860053	20.466 ug/ml
6) T n-Tetradecane (C14)	7.517	2529167	20.236 ug/ml
7) T n-Hexadecane (C16)	9.116	2473961	20.214 ug/ml
8) T n-Octadecane (C18)	10.557	2454710	20.167 ug/ml
10) T n-Eicosane (C20)	11.866	2421385	20.049 ug/ml
11) T n-Heneicosane (C21)	12.478	2428254	20.052 ug/ml
13) T n-Docosane (C22)	13.063	2418985	20.026 ug/ml
14) T n-Tetracosane (C24)	14.167	2423573	19.965 ug/ml
15) T n-Hexacosane (C26)	15.187	2410121	19.843 ug/ml
16) T n-Octacosane (C28)	16.137	2392654	19.664 ug/ml
17) T n-Tricontane (C30)	17.025	2362870	19.513 ug/ml
18) T n-Dotriacontane (C32)	17.857	2292618	19.624 ug/ml
19) T n-Tetratriacontane (C34)	18.641	2134915	19.511 ug/ml
20) T n-Hexatriacontane (C36)	19.381	2087285	20.458 ug/mlm
21) T n-Octatriacontane (C38)	20.109	1977990	20.109 ug/ml
22) T n-Tetracontane (C40)	21.000	2005276	20.593 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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