

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE060622AL\
 Data File : FE035904.D
 Signal(s) : FID1B.CH
 Acq On : 06 Jun 2022 10:32
 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 06/07/2022
 Supervised By :Ankita Jodhani 06/07/2022

Integration File: sample.E
 Quant Time: Jun 07 01:29:52 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 051022.M
 Quant Title : GC Extractables
 QLast Update : Wed May 11 03:24:10 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)	10.948	2811374	21.194 ug/ml
Spiked Amount 50.000		Recovery =	42.39%
12) S 1-chlorooctadecane (S...	12.380	2124656	20.311 ug/ml
Spiked Amount 50.000		Recovery =	40.62%
Target Compounds			
1) T n-Nonane (C9)	2.802	2652053	22.205 ug/ml
2) T n-Decane (C10)	3.816	2641479	22.322 ug/ml
3) T A~Naphthalene (C11.7)	5.382	2898232	21.690 ug/ml
4) T n-Dodecane (C12)	5.805	2657844	22.184 ug/ml
5) T A~2-methylnaphthalene...	6.431	2907999	21.504 ug/ml
6) T n-Tetradecane (C14)	7.594	2625254	22.026 ug/ml
7) T n-Hexadecane (C16)	9.191	2591416	21.733 ug/ml
8) T n-Octadecane (C18)	10.630	2572674	21.461 ug/ml
10) T n-Eicosane (C20)	11.936	2510925	21.047 ug/ml
11) T n-Heneicosane (C21)	12.546	2503930	20.855 ug/ml
13) T n-Docosane (C22)	13.131	2498150	20.744 ug/ml
14) T n-Tetracosane (C24)	14.231	2496276	20.630 ug/ml
15) T n-Hexacosane (C26)	15.250	2450824	20.253 ug/ml
16) T n-Octacosane (C28)	16.197	2435647	20.097 ug/ml
17) T n-Tricontane (C30)	17.083	2417270	20.103 ug/ml
18) T n-Dotriacontane (C32)	17.914	2322742	20.211 ug/ml
19) T n-Tetratriacontane (C34)	18.694	2186026	20.208 ug/mlm
20) T n-Hexatriacontane (C36)	19.432	2110104	20.947 ug/mlm
21) T n-Octatriacontane (C38)	20.168	2064847	21.672 ug/ml
22) T n-Tetracontane (C40)	21.080	2124782	22.753 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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