

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE030722AL\
 Data File : FE035247.D
 Signal(s) : FID1B.CH
 Acq On : 08 Mar 2022 10:10
 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 03/08/2022
 Supervised By :Ankita Jodhani 03/08/2022

Integration File: sample.E
 Quant Time: Mar 08 10:45:08 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 022822.M
 Quant Title : GC Extractables
 QLast Update : Tue Mar 01 02:07:56 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)	11.367	2750992	19.862 ug/ml
Spiked Amount 50.000		Recovery =	39.72%
12) S 1-chlorooctadecane (S...	12.801	2025752	18.702 ug/ml
Spiked Amount 50.000		Recovery =	37.40%
Target Compounds			
1) T n-Nonane (C9)	3.186	2386773	20.786 ug/ml
2) T n-Decane (C10)	4.240	2382525	20.913 ug/ml
3) T A~Naphthalene (C11.7)	5.806	2653221	20.889 ug/ml
4) T n-Dodecane (C12)	6.246	2470664	21.014 ug/ml
5) T A~2-methylnaphthalene...	6.856	2679794	20.979 ug/ml
6) T n-Tetradecane (C14)	8.032	2515836	21.081 ug/ml
7) T n-Hexadecane (C16)	9.625	2539882	20.847 ug/ml
8) T n-Octadecane (C18)	11.060	2559869	20.421 ug/ml
10) T n-Eicosane (C20)	12.363	2487778	19.674 ug/ml
11) T n-Heneicosane (C21)	12.971	2462894	19.340 ug/ml
13) T n-Docosane (C22)	13.554	2417130	19.035 ug/ml
14) T n-Tetracosane (C24)	14.653	2316838	18.293 ug/ml
15) T n-Hexacosane (C26)	15.668	2195928	17.710 ug/ml
16) T n-Octacosane (C28)	16.613	2054498	17.141 ug/ml
17) T n-Tricontane (C30)	17.496	1894512	16.727 ug/ml
18) T n-Dotriacontane (C32)	18.324	1704852	16.742 ug/ml
19) T n-Tetratriacontane (C34)	19.103	1548912	17.359 ug/mlm
20) T n-Hexatriacontane (C36)	19.839	1519815	20.020 ug/mlm
21) T n-Octatriacontane (C38)	20.542	1440128	21.809 ug/mlm
22) T n-Tetracontane (C40)	21.358	1577478	25.790 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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