

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE031422AL\
 Data File : FE035307.D
 Signal(s) : FID1B.CH
 Acq On : 14 Mar 2022 15:57
 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 03/15/2022
 Supervised By :Ankita Jodhani 03/15/2022

Integration File: autoint1.e
 Quant Time: Mar 15 01:46:36 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)	11.377	2667020	19.256 ug/ml
Spiked Amount 50.000		Recovery =	38.51%
12) S 1-chlorooctadecane (S...	12.811	1926841	17.789 ug/ml
Spiked Amount 50.000		Recovery =	35.58%
Target Compounds			
1) T n-Nonane (C9)	3.185	2391712	20.829 ug/ml
2) T n-Decane (C10)	4.242	2373307	20.832 ug/ml
3) T A~Naphthalene (C11.7)	5.814	2593143	20.416 ug/ml
4) T n-Dodecane (C12)	6.250	2433824	20.700 ug/ml
5) T A~2-methylnaphthalene...	6.865	2611300	20.443 ug/ml
6) T n-Tetradecane (C14)	8.037	2449573	20.526 ug/ml
7) T n-Hexadecane (C16)	9.631	2466857	20.247 ug/ml
8) T n-Octadecane (C18)	11.066	2482056	19.800 ug/ml
10) T n-Eicosane (C20)	12.371	2403626	19.009 ug/ml
11) T n-Heneicosane (C21)	12.979	2363736	18.561 ug/ml
13) T n-Docosane (C22)	13.563	2316040	18.239 ug/ml
14) T n-Tetracosane (C24)	14.661	2209663	17.446 ug/ml
15) T n-Hexacosane (C26)	15.679	2099846	16.935 ug/ml
16) T n-Octacosane (C28)	16.624	2017813	16.835 ug/ml
17) T n-Tricontane (C30)	17.508	1923133	16.979 ug/ml
18) T n-Dotriacontane (C32)	18.335	1856254	18.229 ug/mlm
19) T n-Tetratriacontane (C34)	19.115	1764413	19.775 ug/mlm
20) T n-Hexatriacontane (C36)	19.852	1646818	21.693 ug/mlm
21) T n-Octatriacontane (C38)	20.556	1625197	24.611 ug/mlm
22) T n-Tetracontane (C40)	21.375	1769762	28.933 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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