

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE031522AL\
 Data File : FE035361.D
 Signal(s) : FID1B.CH
 Acq On : 16 Mar 2022 11:52
 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 03/17/2022
 Supervised By :Ankita Jodhani 03/17/2022

Integration File: sample.E
 Quant Time: Mar 16 12:29:33 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)	11.362	2576423	18.602 ug/ml
Spiked Amount 50.000		Recovery =	37.20%
12) S 1-chlorooctadecane (S...	12.796	1955802	18.056 ug/ml
Spiked Amount 50.000		Recovery =	36.11%
Target Compounds			
1) T n-Nonane (C9)	3.179	2157142	18.786 ug/ml
2) T n-Decane (C10)	4.234	2139927	18.783 ug/ml
3) T A~Naphthalene (C11.7)	5.802	2360189	18.582 ug/ml
4) T n-Dodecane (C12)	6.240	2201074	18.721 ug/ml
5) T A~2-methylnaphthalene...	6.852	2373788	18.583 ug/ml
6) T n-Tetradecane (C14)	8.026	2235931	18.736 ug/ml
7) T n-Hexadecane (C16)	9.619	2281614	18.727 ug/ml
8) T n-Octadecane (C18)	11.053	2331485	18.599 ug/ml
10) T n-Eicosane (C20)	12.356	2337438	18.485 ug/ml
11) T n-Heneicosane (C21)	12.964	2341902	18.390 ug/ml
13) T n-Docosane (C22)	13.548	2345599	18.472 ug/ml
14) T n-Tetracosane (C24)	14.644	2341089	18.484 ug/ml
15) T n-Hexacosane (C26)	15.660	2308947	18.621 ug/ml
16) T n-Octacosane (C28)	16.604	2256857	18.830 ug/ml
17) T n-Tricontane (C30)	17.487	2149351	18.977 ug/ml
18) T n-Dotriacontane (C32)	18.315	1945001	19.100 ug/ml
19) T n-Tetratriacontane (C34)	19.096	1736864	19.466 ug/ml
20) T n-Hexatriacontane (C36)	19.832	1476675	19.452 ug/mlm
21) T n-Octatriacontane (C38)	20.535	1413968	21.413 ug/mlm
22) T n-Tetracontane (C40)	21.345	1397791	22.852 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

```
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