

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF020425AL\
 Data File : FF015451.D
 Signal(s) : FID2B.ch
 Acq On : 04 Feb 2025 08:14
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 02/05/2025
 Supervised By :Ankita Jodhani 02/05/2025

Integration File: autoint1.e
 Quant Time: Feb 05 02:04:48 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 011425.M
 Quant Title : GC Extractables
 QLast Update : Tue Jan 14 15:33:37 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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)	11.936	2688460	16.910 ug/ml
Spiked Amount 50.000		Recovery =	33.82%
12) S 1-chlorooctadecane (S...	13.373	2046035	16.412 ug/ml
Spiked Amount 50.000		Recovery =	32.82%
Target Compounds			
1) T n-Nonane (C9)	3.317	2358286	17.965 ug/ml
2) T n-Decane (C10)	4.572	2459090	18.384 ug/ml
3) T A~Naphthalene (C11.7)	6.276	2605855	17.917 ug/ml
4) T n-Dodecane (C12)	6.736	2514804	18.649 ug/ml
5) T A~2-methylnaphthalene...	7.371	2512809	17.858 ug/ml
6) T n-Tetradecane (C14)	8.563	2514772	18.613 ug/ml
7) T n-Hexadecane (C16)	10.172	2599464	18.345 ug/ml
8) T n-Octadecane (C18)	11.616	2598201	17.742 ug/ml
10) T n-Eicosane (C20)	12.927	2454120	17.021 ug/ml
11) T n-Heneicosane (C21)	13.541	2380661	16.678 ug/ml
13) T n-Docosane (C22)	14.127	2344126	16.354 ug/mlm
14) T n-Tetracosane (C24)	15.233	2302244	15.871 ug/ml
15) T n-Hexacosane (C26)	16.256	2236450	15.737 ug/ml
16) T n-Octacosane (C28)	17.208	2290509	16.461 ug/ml
17) T n-Tricontane (C30)	18.099	2496473	17.925 ug/ml
18) T n-Dotriacontane (C32)	18.933	2494416	19.124 ug/ml
19) T n-Tetratriacontane (C34)	19.717	2158747	19.858 ug/ml
20) T n-Hexatriacontane (C36)	20.460	1839473	20.914 ug/mlm
21) T n-Octatriacontane (C38)	21.198	1742942	21.149 ug/mlm
22) T n-Tetracontane (C40)	22.119	1698840	21.412 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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