

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF020125AL\
 Data File : FF015413.D
 Signal(s) : FID2B.ch
 Acq On : 31 Jan 2025 12:29
 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 02/03/2025
 Supervised By :Ankita Jodhani 02/03/2025

Integration File: sample.E
 Quant Time: Jan 31 23:21:03 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)	11.931	3116865	19.604 ug/ml
Spiked Amount 50.000		Recovery =	39.21%
12) S 1-chlorooctadecane (S...	13.369	2389343	19.166 ug/ml
Spiked Amount 50.000		Recovery =	38.33%
Target Compounds			
1) T n-Nonane (C9)	3.315	2694928	20.530 ug/ml
2) T n-Decane (C10)	4.570	2771588	20.720 ug/ml
3) T A~Naphthalene (C11.7)	6.272	2998211	20.615 ug/ml
4) T n-Dodecane (C12)	6.734	2834350	21.019 ug/ml
5) T A~2-methylnaphthalene...	7.367	2904493	20.641 ug/ml
6) T n-Tetradecane (C14)	8.561	2845471	21.060 ug/ml
7) T n-Hexadecane (C16)	10.168	2958665	20.880 ug/ml
8) T n-Octadecane (C18)	11.613	2978836	20.341 ug/ml
10) T n-Eicosane (C20)	12.924	2835042	19.663 ug/ml
11) T n-Heneicosane (C21)	13.536	2764199	19.364 ug/ml
13) T n-Docosane (C22)	14.123	2717408	18.958 ug/mlm
14) T n-Tetracosane (C24)	15.229	2656331	18.312 ug/ml
15) T n-Hexacosane (C26)	16.251	2555236	17.981 ug/ml
16) T n-Octacosane (C28)	17.203	2544054	18.283 ug/ml
17) T n-Tricontane (C30)	18.092	2687620	19.298 ug/ml
18) T n-Dotriacontane (C32)	18.925	2644192	20.273 ug/mlm
19) T n-Tetratriacontane (C34)	19.711	2276644	20.943 ug/ml
20) T n-Hexatriacontane (C36)	20.453	1938055	22.035 ug/ml
21) T n-Octatriacontane (C38)	21.192	1807234	21.930 ug/ml
22) T n-Tetracontane (C40)	22.111	1846865	23.278 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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