

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE022125AL\
 Data File : FE052447.D
 Signal(s) : FID1B.ch
 Acq On : 21 Feb 2025 18:44
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 02/24/2025
 Supervised By :Ankita Jodhani 02/24/2025

Integration File: autoint1.e
 Quant Time: Feb 21 22:33:37 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 021325.M
 Quant Title : GC Extractables
 QLast Update : Fri Feb 14 00:50:00 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)	11.909	3314047	17.729 ug/ml
Spiked Amount 50.000		Recovery =	35.46%
12) S 1-chlorooctadecane (S...	13.353	2472731	17.790 ug/ml
Spiked Amount 50.000		Recovery =	35.58%
Target Compounds			
1) T n-Nonane (C9)	3.253	3039900	19.804 ug/ml
2) T n-Decane (C10)	4.515	3093240	19.805 ug/ml
3) T A~Naphthalene (C11.7)	6.226	3414857	19.765 ug/ml
4) T n-Dodecane (C12)	6.695	3082530	19.529 ug/ml
5) T A~2-methylnaphthalene...	7.327	3282147	19.543 ug/ml
6) T n-Tetradecane (C14)	8.531	2995643	19.018 ug/ml
7) T n-Hexadecane (C16)	10.144	3043136	18.619 ug/ml
8) T n-Octadecane (C18)	11.593	3027420	18.297 ug/ml
10) T n-Eicosane (C20)	12.908	2879535	18.062 ug/ml
11) T n-Heneicosane (C21)	13.521	2816921	17.980 ug/ml
13) T n-Docosane (C22)	14.110	2787930	17.815 ug/ml
14) T n-Tetracosane (C24)	15.216	2761831	17.561 ug/ml
15) T n-Hexacosane (C26)	16.239	2706470	17.474 ug/ml
16) T n-Octacosane (C28)	17.191	2658263	17.379 ug/ml
17) T n-Tricontane (C30)	18.081	2701541	17.307 ug/ml
18) T n-Dotriacontane (C32)	18.915	2627780	17.173 ug/ml
19) T n-Tetratriacontane (C34)	19.700	2373525	16.684 ug/mlm
20) T n-Hexatriacontane (C36)	20.441	2091314	16.779 ug/ml
21) T n-Octatriacontane (C38)	21.181	2030259	18.575 ug/ml
22) T n-Tetracontane (C40)	22.098	2060898	20.488 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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