

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE020625AL\
 Data File : FE052279.D
 Signal(s) : FID1B.ch
 Acq On : 06 Feb 2025 22:34
 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 02/07/2025
 Supervised By :Ankita Jodhani 02/07/2025

Integration File: autoint1.e
 Quant Time: Feb 07 05:25:53 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 020325.M
 Quant Title : GC Extractables
 QLast Update : Mon Feb 03 15:16:54 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)	12.307	2399383	19.386 ug/ml
Spiked Amount 50.000		Recovery =	38.77%
12) S 1-chlorooctadecane (S...	13.719	1860026	18.847 ug/ml
Spiked Amount 50.000		Recovery =	37.69%
Target Compounds			
1) T n-Nonane (C9)	3.771	1877743	20.103 ug/ml
2) T n-Decane (C10)	4.999	1952762	20.334 ug/ml
3) T A~Naphthalene (C11.7)	6.702	2215693	20.732 ug/ml
4) T n-Dodecane (C12)	7.130	2026966	20.450 ug/ml
5) T A~2-methylnaphthalene...	7.784	2178844	20.804 ug/ml
6) T n-Tetradecane (C14)	8.938	2064453	20.458 ug/ml
7) T n-Hexadecane (C16)	10.534	2171826	20.014 ug/ml
8) T n-Octadecane (C18)	11.969	2218181	19.526 ug/ml
10) T n-Eicosane (C20)	13.272	2149430	19.047 ug/ml
11) T n-Heneicosane (C21)	13.880	2128646	18.902 ug/ml
13) T n-Docosane (C22)	14.464	2106244	18.608 ug/ml
14) T n-Tetracosane (C24)	15.562	2083914	18.124 ug/ml
15) T n-Hexacosane (C26)	16.578	2036785	17.760 ug/ml
16) T n-Octacosane (C28)	17.524	1996041	17.641 ug/ml
17) T n-Tricontane (C30)	18.408	2021805	17.743 ug/ml
18) T n-Dotriacontane (C32)	19.238	1938270	17.778 ug/ml
19) T n-Tetratriacontane (C34)	20.019	1699602	17.915 ug/ml
20) T n-Hexatriacontane (C36)	20.756	1493785	18.078 ug/ml
21) T n-Octatriacontane (C38)	21.570	1428838	19.233 ug/ml
22) T n-Tetracontane (C40)	22.608	1474080	19.772 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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