

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE012825AL\
 Data File : FE052105.D
 Signal(s) : FID1B.ch
 Acq On : 28 Jan 2025 08:55
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Jan 29 03:05:10 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 011625.M
 Quant Title : GC Extractables
 QLast Update : Thu Jan 16 16:05:07 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)	12.197	2754771	19.274 ug/ml
Spiked Amount 50.000		Recovery =	38.55%
12) S 1-chlorooctadecane (S...	13.612	2119121	18.473 ug/ml
Spiked Amount 50.000		Recovery =	36.95%
Target Compounds			
1) T n-Nonane (C9)	3.679	2118009	19.866 ug/ml
2) T n-Decane (C10)	4.905	2236418	20.428 ug/ml
3) T A~Naphthalene (C11.7)	6.599	2544982	20.944 ug/ml
4) T n-Dodecane (C12)	7.033	2333399	20.674 ug/ml
5) T A~2-methylnaphthalene...	7.679	2500731	20.947 ug/ml
6) T n-Tetradecane (C14)	8.838	2377355	20.440 ug/ml
7) T n-Hexadecane (C16)	10.432	2503316	19.849 ug/ml
8) T n-Octadecane (C18)	11.865	2553670	19.301 ug/ml
10) T n-Eicosane (C20)	13.166	2467245	18.820 ug/ml
11) T n-Heneicosane (C21)	13.775	2425502	18.634 ug/ml
13) T n-Docosane (C22)	14.358	2409464	18.360 ug/ml
14) T n-Tetracosane (C24)	15.455	2383630	17.945 ug/ml
15) T n-Hexacosane (C26)	16.472	2332491	17.646 ug/ml
16) T n-Octacosane (C28)	17.418	2283763	17.303 ug/ml
17) T n-Tricontane (C30)	18.304	2319979	17.016 ug/ml
18) T n-Dotriacontane (C32)	19.134	2226196	16.987 ug/ml
19) T n-Tetratriacontane (C34)	19.916	1954484	17.360 ug/ml
20) T n-Hexatriacontane (C36)	20.654	1698810	17.886 ug/ml
21) T n-Octatriacontane (C38)	21.441	1602804	18.555 ug/ml
22) T n-Tetracontane (C40)	22.439	1617026	19.622 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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