

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE091724AL\
 Data File : FE050136.D
 Signal(s) : FID1B.ch
 Acq On : 17 Sep 2024 07:06
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/18/2024
 Supervised By :Ankita Jodhani 09/18/2024

Integration File: autoint1.e
 Quant Time: Sep 18 01:25:55 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 091024.M
 Quant Title : GC Extractables
 QLast Update : Mon Sep 09 17:11:47 2024
 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)	11.878	2897513	19.475 ug/ml
Spiked Amount 50.000		Recovery =	38.95%
12) S 1-chlorooctadecane (S...	13.313	2199264	19.579 ug/ml
Spiked Amount 50.000		Recovery =	39.16%
Target Compounds			
1) T n-Nonane (C9)	3.265	2594005	19.138 ug/ml
2) T n-Decane (C10)	4.516	2669116	19.340 ug/ml
3) T A~Naphthalene (C11.7)	6.226	2744744	19.610 ug/ml
4) T n-Dodecane (C12)	6.683	2672875	19.329 ug/ml
5) T A~2-methylnaphthalene...	7.322	2576878	19.605 ug/ml
6) T n-Tetradecane (C14)	8.511	2639487	19.384 ug/ml
7) T n-Hexadecane (C16)	10.116	2710711	19.515 ug/ml
8) T n-Octadecane (C18)	11.559	2730071	19.486 ug/ml
10) T n-Eicosane (C20)	12.867	2616420	19.505 ug/ml
11) T n-Heneicosane (C21)	13.478	2565524	19.525 ug/ml
13) T n-Docosane (C22)	14.064	2548630	19.572 ug/ml
14) T n-Tetracosane (C24)	15.165	2531941	19.388 ug/ml
15) T n-Hexacosane (C26)	16.186	2501788	19.554 ug/ml
16) T n-Octacosane (C28)	17.133	2551988	19.812 ug/mlm
17) T n-Tricontane (C30)	18.021	2696791	20.167 ug/ml
18) T n-Dotriacontane (C32)	18.853	2749450	20.633 ug/ml
19) T n-Tetratriacontane (C34)	19.636	2538797	20.547 ug/ml
20) T n-Hexatriacontane (C36)	20.374	2319108	20.902 ug/mlm
21) T n-Octatriacontane (C38)	21.101	2214624	20.082 ug/ml
22) T n-Tetracontane (C40)	21.995	1946541	17.889 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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