

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE092724AL\
 Data File : FE050416.D
 Signal(s) : FID1B.ch
 Acq On : 27 Sep 2024 17:20
 Operator : YP\AJ
 Sample : P4212-03MS
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 TEST-PIT-SOUTHMS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/30/2024
 Supervised By :Ankita Jodhani 09/30/2024

Integration File: autoint1.e
 Quant Time: Sep 28 00:17:52 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)	11.866	3503281	23.547 ug/ml
Spiked Amount 50.000		Recovery =	47.09%
12) S 1-chlorooctadecane (S...	13.300	3260959	29.031 ug/ml
Spiked Amount 50.000		Recovery =	58.06%
Target Compounds			
1) T n-Nonane (C9)	3.257	5019023	37.028 ug/ml
2) T n-Decane (C10)	4.508	5605721	40.618 ug/ml
3) T A~Naphthalene (C11.7)	6.215	6030287	43.083 ug/ml
4) T n-Dodecane (C12)	6.673	5826915	42.137 ug/mlm
5) T A~2-methylnaphthalene...	7.310	5483054	41.716 ug/ml
6) T n-Tetradecane (C14)	8.502	6342692	46.579 ug/ml
7) T n-Hexadecane (C16)	10.107	6846270	49.288 ug/ml
8) T n-Octadecane (C18)	11.548	7139230	50.957 ug/ml
10) T n-Eicosane (C20)	12.857	7268514	54.184 ug/mlm
11) T n-Heneicosane (C21)	13.468	7073713	53.835 ug/ml
13) T n-Docosane (C22)	14.054	7037717	54.046 ug/ml
14) T n-Tetracosane (C24)	15.154	13838990	105.972 ug/ml
15) T n-Hexacosane (C26)	16.177	6813562	53.256 ug/ml
16) T n-Octacosane (C28)	17.124	8242521	63.990 ug/ml
17) T n-Tricontane (C30)	18.011	7195649	53.811 ug/ml
18) T n-Dotriacontane (C32)	18.843	7290135	54.708 ug/ml
19) T n-Tetratriacontane (C34)	19.624	7391066	59.817 ug/ml
20) T n-Hexatriacontane (C36)	20.364	7328068	66.048 ug/ml
21) T n-Octatriacontane (C38)	21.089	7410059	67.193 ug/mlm
22) T n-Tetracontane (C40)	21.976	6825774	62.728 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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