

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE102524AL\
 Data File : FE050838.D
 Signal(s) : FID1B.ch
 Acq On : 25 Oct 2024 15:46
 Operator : YP\AJ
 Sample : P4531-01MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

OR-03-102424MS

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 10/28/2024

Supervised By :Ankita Jodhani 10/28/2024

Integration File: autoint1.e

Quant Time: Oct 26 01:35:54 2024

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 100824.M

Quant Title : GC Extractables

QLast Update : Mon Oct 07 16:32:18 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)	11.859	4665590	29.594 ug/ml
Spiked Amount 50.000		Recovery =	59.19%
12) S 1-chlorooctadecane (S...	13.293	5922951	50.070 ug/mlm
Spiked Amount 50.000		Recovery =	100.14%
Target Compounds			
1) T n-Nonane (C9)	3.246	3828431	27.096 ug/ml
2) T n-Decane (C10)	4.497	4280605	29.835 ug/ml
3) T A~Naphthalene (C11.7)	6.208	5035677	35.217 ug/ml
4) T n-Dodecane (C12)	6.664	4788490	33.269 ug/ml
5) T A~2-methylnaphthalene...	7.303	5047198	38.098 ug/ml
6) T n-Tetradecane (C14)	8.492	5445541	38.063 ug/ml
7) T n-Hexadecane (C16)	10.097	5830977	39.621 ug/ml
8) T n-Octadecane (C18)	11.539	5994686	40.133 ug/ml
10) T n-Eicosane (C20)	12.848	6415874	44.741 ug/ml
11) T n-Heneicosane (C21)	13.458	5714474	40.692 ug/mlm
13) T n-Docosane (C22)	14.044	6118419	43.611 ug/mlm
14) T n-Tetracosane (C24)	15.149	14868355	105.242 ug/ml
15) T n-Hexacosane (C26)	16.167	5933544	42.167 ug/ml
16) T n-Octacosane (C28)	17.115	5912834	40.407 ug/mlm
17) T n-Tricontane (C30)	18.003	6154994	38.710 ug/ml
18) T n-Dotriacontane (C32)	18.835	6056731	37.361 ug/ml
19) T n-Tetratriacontane (C34)	19.619	6207143	42.257 ug/ml
20) T n-Hexatriacontane (C36)	20.358	5964710	47.035 ug/ml
21) T n-Octatriacontane (C38)	21.085	6349983	51.356 ug/ml
22) T n-Tetracontane (C40)	21.973	5512504	49.506 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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