

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE092324AL\
 Data File : FE050310.D
 Signal(s) : FID1B.ch
 Acq On : 24 Sep 2024 02:18
 Operator : YP\AJ
 Sample : P4142-01MSD
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 OR-02-09202024MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/24/2024
 Supervised By :Ankita Jodhani 09/24/2024

Integration File: autoint1.e
 Quant Time: Sep 24 04:43:33 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)	11.870	3880296	26.081 ug/ml
Spiked Amount 50.000		Recovery =	52.16%
12) S 1-chlorooctadecane (S...	13.303	4118424	36.665 ug/ml
Spiked Amount 50.000		Recovery =	73.33%
Target Compounds			
1) T n-Nonane (C9)	3.258	3677694	27.133 ug/ml
2) T n-Decane (C10)	4.508	4067403	29.471 ug/ml
3) T A~Naphthalene (C11.7)	6.217	5230926	37.372 ug/ml
4) T n-Dodecane (C12)	6.675	4395157	31.784 ug/ml
5) T A~2-methylnaphthalene...	7.313	5351907	40.718 ug/ml
6) T n-Tetradecane (C14)	8.504	5221144	38.342 ug/mlm
7) T n-Hexadecane (C16)	10.109	5550382	39.959 ug/ml
8) T n-Octadecane (C18)	11.551	5336337	38.089 ug/ml
10) T n-Eicosane (C20)	12.858	5724447	42.674 ug/ml
11) T n-Heneicosane (C21)	13.469	5689119	43.297 ug/ml
13) T n-Docosane (C22)	14.054	6368944	48.910 ug/ml
14) T n-Tetracosane (C24)	15.154	11301017	86.538 ug/ml
15) T n-Hexacosane (C26)	16.177	5170148	40.411 ug/ml
16) T n-Octacosane (C28)	17.124	6241935	48.459 ug/ml
17) T n-Tricontane (C30)	18.013	5485771	41.024 ug/mlm
18) T n-Dotriacontane (C32)	18.843	5419939	40.673 ug/ml
19) T n-Tetratriacontane (C34)	19.627	5773592	46.727 ug/ml
20) T n-Hexatriacontane (C36)	20.366	5605494	50.523 ug/mlm
21) T n-Octatriacontane (C38)	21.093	5642742	51.168 ug/mlm
22) T n-Tetracontane (C40)	21.983	5284301	48.562 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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