

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE022625AL\
 Data File : FE052518.D
 Signal(s) : FID1B.ch
 Acq On : 26 Feb 2025 16:04
 Operator : YP\AJ
 Sample : Q1427-01MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

VNJ-227MSD

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 02/27/2025

Supervised By :Ankita Jodhani 02/27/2025

Integration File: autoint1.e

Quant Time: Feb 27 00:10:42 2025

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 021325.M

Quant Title : GC Extractables

QLast Update : Fri Feb 14 00:50:00 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)	11.917	3769978	20.168 ug/mlm
Spiked Amount 50.000		Recovery =	40.34%
12) S 1-chlorooctadecane (S...	13.362	3022649	21.746 ug/ml
Spiked Amount 50.000		Recovery =	43.49%
Target Compounds			
1) T n-Nonane (C9)	3.257	4637858	30.214 ug/ml
2) T n-Decane (C10)	4.519	4891192	31.316 ug/ml
3) T A~Naphthalene (C11.7)	6.231	6057530	35.061 ug/ml
4) T n-Dodecane (C12)	6.699	5374010	34.047 ug/ml
5) T A~2-methylnaphthalene...	7.333	5457454	32.495 ug/ml
6) T n-Tetradecane (C14)	8.537	5485404	34.825 ug/ml
7) T n-Hexadecane (C16)	10.152	5587131	34.185 ug/ml
8) T n-Octadecane (C18)	11.602	5576666	33.704 ug/ml
10) T n-Eicosane (C20)	12.918	5606241	35.166 ug/ml
11) T n-Heneicosane (C21)	13.532	5371112	34.283 ug/ml
13) T n-Docosane (C22)	14.120	5328456	34.048 ug/ml
14) T n-Tetracosane (C24)	15.210	10776890	68.525 ug/ml
15) T n-Hexacosane (C26)	16.252	5167000	33.359 ug/ml
16) T n-Octacosane (C28)	17.204	5137620	33.588 ug/ml
17) T n-Tricontane (C30)	18.096	5217076	33.422 ug/ml
18) T n-Dotriacontane (C32)	18.928	5132363	33.541 ug/ml
19) T n-Tetratriacontane (C34)	19.714	5138742	36.122 ug/ml
20) T n-Hexatriacontane (C36)	20.455	4950489	39.719 ug/ml
21) T n-Octatriacontane (C38)	21.198	4935824	45.158 ug/ml
22) T n-Tetracontane (C40)	22.121	5116167	50.862 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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