

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE022725AL\
 Data File : FE052537.D
 Signal(s) : FID1B.ch
 Acq On : 27 Feb 2025 16:22
 Operator : YP\AJ
 Sample : Q1441-01MS
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

HD-02-022625MS

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 02/28/2025

Supervised By :Ankita Jodhani 02/28/2025

Integration File: autoint1.e

Quant Time: Feb 28 03:22:29 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)	11.924	5099089	27.278 ug/ml
Spiked Amount 50.000		Recovery =	54.56%
12) S 1-chlorooctadecane (S...	13.369	4057633	29.192 ug/ml
Spiked Amount 50.000		Recovery =	58.38%
Target Compounds			
1) T n-Nonane (C9)	3.258	3785227	24.659 ug/ml
2) T n-Decane (C10)	4.520	4196306	26.867 ug/ml
3) T A~Naphthalene (C11.7)	6.234	4988954	28.876 ug/ml
4) T n-Dodecane (C12)	6.701	4821713	30.548 ug/ml
5) T A~2-methylnaphthalene...	7.337	4915546	29.268 ug/ml
6) T n-Tetradecane (C14)	8.541	5609268	35.611 ug/ml
7) T n-Hexadecane (C16)	10.157	5806519	35.527 ug/ml
8) T n-Octadecane (C18)	11.607	5742944	34.709 ug/ml
10) T n-Eicosane (C20)	12.924	5539145	34.745 ug/ml
11) T n-Heneicosane (C21)	13.538	5156478	32.913 ug/ml
13) T n-Docosane (C22)	14.126	5051854	32.281 ug/ml
14) T n-Tetracosane (C24)	15.220	9732251	61.882 ug/ml
15) T n-Hexacosane (C26)	16.260	4758727	30.724 ug/ml
16) T n-Octacosane (C28)	17.213	4908511	32.090 ug/ml
17) T n-Tricontane (C30)	18.106	5352475	34.289 ug/ml
18) T n-Dotriacontane (C32)	18.940	4786537	31.281 ug/ml
19) T n-Tetratriacontane (C34)	19.726	5147774	36.185 ug/ml
20) T n-Hexatriacontane (C36)	20.469	4569336	36.661 ug/mlm
21) T n-Octatriacontane (C38)	21.214	4474425	40.936 ug/mlm
22) T n-Tetracontane (C40)	22.147	5527474	54.951 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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