

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE071825AL\
 Data File : FE054930.D
 Signal(s) : FID1B.ch
 Acq On : 18 Jul 2025 16:57
 Operator : YP\AJ
 Sample : Q2618-08MS
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 6MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/21/2025
 Supervised By :mohammad ahmed 07/22/2025

Integration File: autoint1.e
 Quant Time: Jul 18 23:11:41 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062725.M
 Quant Title : GC Extractables
 QLast Update : Tue Jul 08 07:45:12 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)	12.087	5305958	32.673 ug/ml
Spiked Amount 50.000		Recovery =	65.35%
12) S 1-chlorooctadecane (S...	13.524	4163893	32.970 ug/ml
Spiked Amount 50.000		Recovery =	65.94%
Target Compounds			
1) T n-Nonane (C9)	3.439	4465584	33.199 ug/ml
2) T n-Decane (C10)	4.690	4726636	34.640 ug/ml
3) T A~Naphthalene (C11.7)	6.406	5660236	37.383 ug/ml
4) T n-Dodecane (C12)	6.861	4925453	35.898 ug/ml
5) T A~2-methylnaphthalene...	7.505	5245154	35.680 ug/ml
6) T n-Tetradecane (C14)	8.697	4952547	35.726 ug/ml
7) T n-Hexadecane (C16)	10.311	4992510	35.033 ug/ml
8) T n-Octadecane (C18)	11.761	5016871	34.232 ug/ml
10) T n-Eicosane (C20)	13.076	5043041	35.071 ug/ml
11) T n-Heneicosane (C21)	13.689	4768409	33.385 ug/ml
13) T n-Docosane (C22)	14.278	4735610	33.165 ug/ml
14) T n-Tetracosane (C24)	15.384	9768076	67.197 ug/ml
15) T n-Hexacosane (C26)	16.409	4583081	31.670 ug/ml
16) T n-Octacosane (C28)	17.359	4554046	31.248 ug/ml
17) T n-Tricontane (C30)	18.249	4661516	29.581 ug/ml
18) T n-Dotriacontane (C32)	19.083	4679095	28.921 ug/ml
19) T n-Tetratriacontane (C34)	19.868	4936310	32.392 ug/mlm
20) T n-Hexatriacontane (C36)	20.609	4800547	35.704 ug/ml
21) T n-Octatriacontane (C38)	21.390	5087193	43.375 ug/mlm
22) T n-Tetracontane (C40)	22.381	5115961	47.202 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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