

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE012725AL\
 Data File : FE052092.D
 Signal(s) : FID1B.ch
 Acq On : 27 Jan 2025 13:18
 Operator : YP\AJ
 Sample : PB166257BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

PB166257BS

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 01/28/2025

Supervised By :Ankita Jodhani 01/28/2025

Integration File: autoint1.e

Quant Time: Jan 28 02:00:45 2025

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 011625.M

Quant Title : GC Extractables

QLast Update : Thu Jan 16 16:05:07 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)	12.198	4711114	32.962 ug/ml
Spiked Amount 50.000		Recovery =	65.92%
12) S 1-chlorooctadecane (S...	13.613	3914342	34.122 ug/ml
Spiked Amount 50.000		Recovery =	68.24%
Target Compounds			
1) T n-Nonane (C9)	3.687	4252175	39.884 ug/ml
2) T n-Decane (C10)	4.910	4587147	41.900 ug/ml
3) T A~Naphthalene (C11.7)	6.601	5441061	44.776 ug/ml
4) T n-Dodecane (C12)	7.035	4832703	42.818 ug/ml
5) T A~2-methylnaphthalene...	7.680	5102752	42.742 ug/ml
6) T n-Tetradecane (C14)	8.841	5044325	43.370 ug/ml
7) T n-Hexadecane (C16)	10.433	5128316	40.662 ug/ml
8) T n-Octadecane (C18)	11.866	5203066	39.326 ug/ml
10) T n-Eicosane (C20)	13.168	5364938	40.924 ug/ml
11) T n-Heneicosane (C21)	13.776	5142802	39.511 ug/ml
13) T n-Docosane (C22)	14.360	5100434	38.865 ug/ml
14) T n-Tetracosane (C24)	15.463	10169460	76.560 ug/ml
15) T n-Hexacosane (C26)	16.475	4887709	36.976 ug/ml
16) T n-Octacosane (C28)	17.420	4821432	36.530 ug/ml
17) T n-Tricontane (C30)	18.305	4783890	35.088 ug/ml
18) T n-Dotriacontane (C32)	19.134	4679756	35.709 ug/ml
19) T n-Tetratriacontane (C34)	19.917	4612280	40.968 ug/ml
20) T n-Hexatriacontane (C36)	20.654	4296451	45.234 ug/ml
21) T n-Octatriacontane (C38)	21.440	4148158	48.021 ug/mlm
22) T n-Tetracontane (C40)	22.438	4150045	50.358 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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