

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC110824AL\
 Data File : FC067669.D
 Signal(s) : FID1A.ch
 Acq On : 08 Nov 2024 13:17
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Nov 09 01:36:51 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 102324.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 23 18:12:58 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) | 11.492 | 2717082 | 18.517 ug/ml |
| Spiked Amount | 50.000 | Recovery | = 37.03% |
| 12) S 1-chlorooctadecane (S... | 12.930 | 2012079 | 18.632 ug/ml |
| Spiked Amount | 50.000 | Recovery | = 37.26% |
| Target Compounds | | | |
| 1) T n-Nonane (C9) | 3.271 | 2426226 | 18.009 ug/ml |
| 2) T n-Decane (C10) | 4.335 | 2507371 | 18.403 ug/ml |
| 3) T A~Naphthalene (C11.7) | 5.913 | 2726316 | 18.398 ug/ml |
| 4) T n-Dodecane (C12) | 6.350 | 2498662 | 18.448 ug/ml |
| 5) T A~2-methylnaphthalene... | 6.968 | 2607787 | 18.466 ug/ml |
| 6) T n-Tetradecane (C14) | 8.143 | 2437230 | 18.568 ug/ml |
| 7) T n-Hexadecane (C16) | 9.741 | 2471391 | 18.708 ug/ml |
| 8) T n-Octadecane (C18) | 11.181 | 2472221 | 18.713 ug/ml |
| 10) T n-Eicosane (C20) | 12.489 | 2346255 | 18.595 ug/ml |
| 11) T n-Heneicosane (C21) | 13.099 | 2301468 | 18.648 ug/ml |
| 13) T n-Docosane (C22) | 13.685 | 2288234 | 18.687 ug/ml |
| 14) T n-Tetracosane (C24) | 14.786 | 2274121 | 18.762 ug/ml |
| 15) T n-Hexacosane (C26) | 15.805 | 2256079 | 18.950 ug/ml |
| 16) T n-Octacosane (C28) | 16.753 | 2317339 | 19.697 ug/ml |
| 17) T n-Tricontane (C30) | 17.639 | 2551406 | 21.108 ug/ml |
| 18) T n-Dotriacontane (C32) | 18.472 | 2591991 | 21.907 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.253 | 2270153 | 21.677 ug/ml |
| 20) T n-Hexatriacontane (C36) | 19.991 | 1899475 | 20.867 ug/ml |
| 21) T n-Octatriacontane (C38) | 20.714 | 1747204 | 20.175 ug/ml |
| 22) T n-Tetracontane (C40) | 21.598 | 1647056 | 19.375 ug/ml |
| ----- | | | |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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