

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE021822AL\  
 Data File : FE035077.D  
 Signal(s) : FID1B.CH  
 Acq On : 18 Feb 2022 15:39  
 Operator : YP\AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Feb 21 14:06:43 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 021822.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Feb 18 14:37:45 2022  
 Response via : Initial Calibration  
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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)    | 11.739 | 18431739   | 18.971 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 37.94%       |
| 12) S 1-chlorooctadecane (S... | 13.154 | 13932773   | 18.942 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 37.88%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.616  | 15737105   | 19.205 ug/ml |
| 2) T n-Decane (C10)            | 4.613  | 15934301   | 19.023 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.170  | 17855516   | 19.054 ug/ml |
| 4) T n-Dodecane (C12)          | 6.588  | 16391286   | 18.988 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.219  | 17989260   | 19.029 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.373  | 16399501   | 19.026 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.968  | 16548870   | 19.013 ug/ml |
| 8) T n-Octadecane (C18)        | 11.407 | 16729944   | 18.961 ug/ml |
| 10) T n-Eicosane (C20)         | 12.710 | 16532189   | 18.936 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.320 | 16551987   | 18.917 ug/ml |
| 13) T n-Docosane (C22)         | 13.905 | 16480958   | 18.892 ug/ml |
| 14) T n-Tetracosane (C24)      | 15.002 | 16320037   | 18.864 ug/ml |
| 15) T n-Hexacosane (C26)       | 16.020 | 15915913   | 18.878 ug/ml |
| 16) T n-Octacosane (C28)       | 16.964 | 15233316   | 18.889 ug/ml |
| 17) T n-Tricontane (C30)       | 17.848 | 14060342   | 18.813 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.675 | 12366596   | 18.758 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.453 | 10237470   | 18.718 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.187 | 7566175    | 18.504 ug/ml |
| 21) T n-Octatriacontane (C38)  | 20.934 | 5076154    | 18.576 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.865 | 3161706    | 18.335 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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