Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD012022AL\
Data File : FD040685.D
Signal(s) : FID2B.CH
Acq On : 20 Jan 2022 14:35
Operator : AJ\MA
Sample : PB142147BS
Misc :
ALS Vial : 55 Sample Multiplier: 1

Integration File: autoint1.e
Quant Time: Jan 21 00:35:25 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 010422.M
Quant Title : GC Extractables
QLast Update : Wed Jan 05 07:08:39 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) | 10.622 | 5976692 | 38.762 ug/ml |
| Spiked Amount | 50.000 | | Recovery = | 77.52% |
| 12) S | 1-chlorooctadecane (S... | 12.059 | 4557913 | 38.723 ug/ml |
| Spiked Amount | 50.000 | | Recovery = | 77.45% |
| | Target Compounds | | | |
| 1) T | n-Nonane (C9) | 2.580 | 5051873 | 39.350 ug/ml |
| 2) T | n-Decane (C10) | 3.561 | 5368397 | 41.691 ug/ml |
| 3) T | A~Naphthalene (C11.7) | 5.088 | 6297246 | 44.324 ug/ml |
| 4) T | n-Dodecane (C12) | 5.525 | 5776580 | 45.195 ug/ml |
| 5) T | A~2-methylnaphthalene... | 6.128 | 6245718 | 44.273 ug/ml |
| 6) T | n-Tetradecane (C14) | 7.303 | 5920265 | 45.702 ug/ml |
| 7) T | n-Hexadecane (C16) | 8.889 | 6008126 | 46.115 ug/ml |
| 8) T | n-Octadecane (C18) | 10.321 | 5964758 | 44.020 ug/ml |
| 10) T | n-Eicosane (C20) | 11.623 | 5871649 | 43.168 ug/ml |
| 11) T | n-Heneicosane (C21) | 12.230 | 5594406 | 40.400 ug/ml |
| 13) T | n-Docosane (C22) | 12.813 | 5489133 | 39.809 ug/ml |
| 14) T | n-Tetracosane (C24) | 13.909 | 5364382 | 38.365 ug/ml |
| 15) T | n-Hexacosane (C26) | 14.925 | 5110735 | 37.076 ug/ml |
| 16) T | n-Octacosane (C28) | 15.868 | 5095900 | 37.557 ug/ml |
| 17) T | n-Tricontane (C30) | 16.753 | 4897686 | 37.577 ug/ml |
| 18) T | n-Dotriacontane (C32) | 17.579 | 4708304 | 39.385 ug/ml |
| 19) T | n-Tetratriacontane (C34) | 18.359 | 4367957 | 41.484 ug/ml |
| 20) T | n-Hexatriacontane (C36) | 19.094 | 3776976 | 37.274 ug/ml |
| 21) T | n-Octatriacontane (C38) | 19.793 | 3567961 | 39.935 ug/ml |
| 22) T | n-Tetracontane (C40) | 20.593 | 3463897 | 40.522 ug/ml |

(f)=RT Delta > 1/2 Window (m)=manual int.

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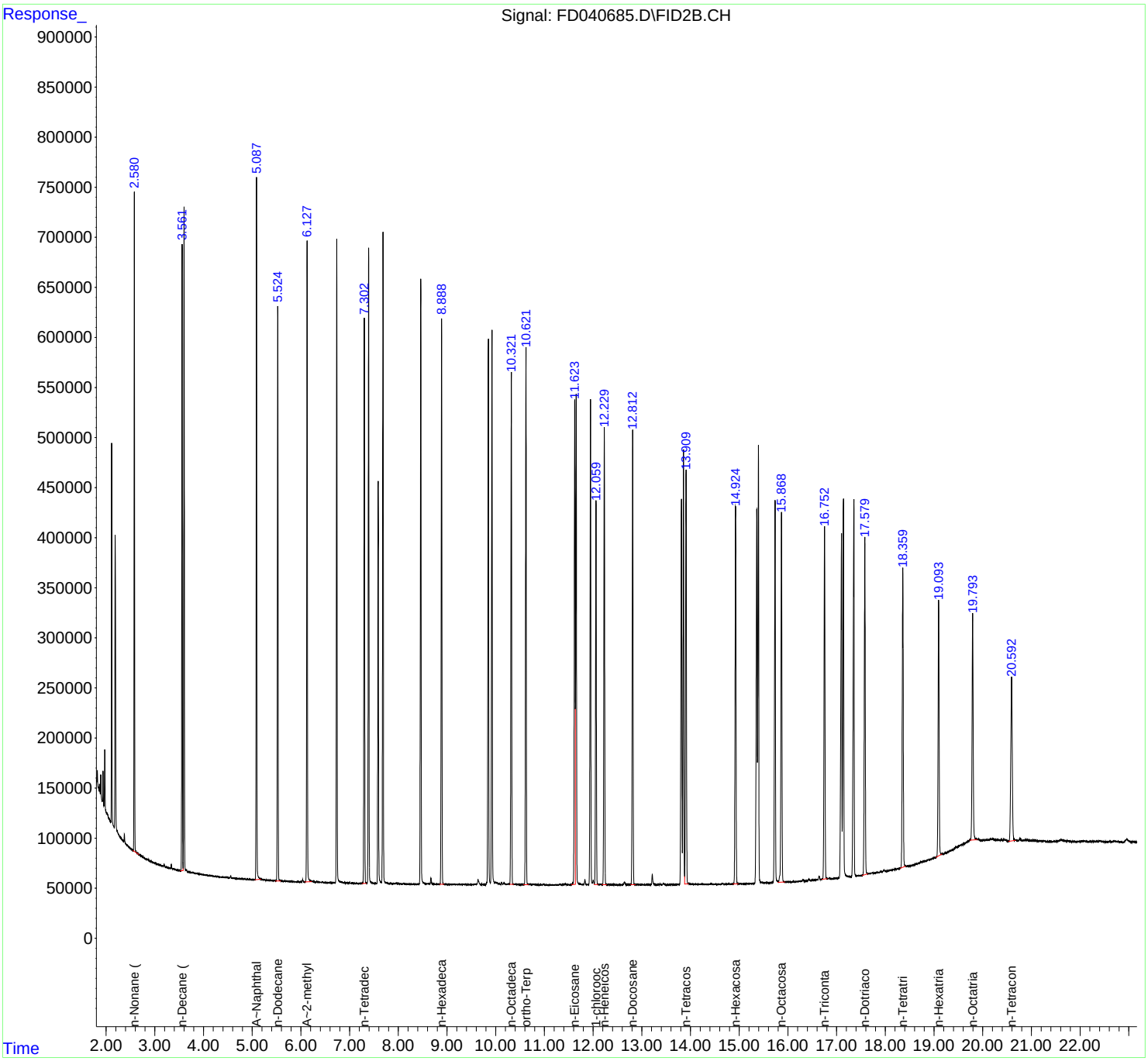
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