

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE110620\  
 Data File : FE033112.D  
 Signal(s) : FID1B.CH  
 Acq On : 06 Nov 2020 20:04  
 Operator : DD\AJ  
 Sample : 1760 TRPH STD  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Nov 09 16:37:46 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\C44-FE110620.M  
 Quant Title :  
 QLast Update : Mon Nov 09 16:36:57 2020  
 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    |        |          |               |
| 13) S TETRACOSANE-d50 (SURR... | 14.623 | 6186904  | 20.692 ug/ml  |
| Target Compounds               |        |          |               |
| 1) N-OCTANE                    | 2.359  | 47646169 | 167.103 ug/ml |
| 2) N-NONANE                    | 3.348  | 49166486 | 165.956 ug/ml |
| 3) N-DECANE                    | 4.409  | 76222792 | 250.472 ug/ml |
| 4) N-UNDECANE                  | 5.441  | 76623689 | 250.535 ug/ml |
| 5) N-DODECANE                  | 6.422  | 76975840 | 250.491 ug/ml |
| 6) N-TETRADECANE               | 8.215  | 77032434 | 250.977 ug/ml |
| 7) N-HEXADECANE                | 9.810  | 63676411 | 209.100 ug/ml |
| 8) N-OCTADECANE                | 11.237 | 31589500 | 104.200 ug/ml |
| 9) N-EICOSANE                  | 12.532 | 12376294 | 41.379 ug/ml  |
| 10) N-TETRACOSANE              | 14.832 | 12263570 | 41.498 ug/ml  |
| 11) N-OCTACOSANE               | 16.796 | 5865202  | 20.637 ug/ml  |
| 12) N-DOTRIACONTANE            | 18.514 | 5311977  | 20.653 ug/ml  |
| 14) N-HEXATRIACONTANE          | 20.039 | 4552418  | 20.746 ug/ml  |
| 15) N-TETRACONTANE             | 21.673 | 4209884  | 20.807 ug/ml  |
| 16) N-TETRTETRACOOCTANE        | 24.405 | 3708143  | 19.908 ug/ml  |
| -----                          |        |          |               |

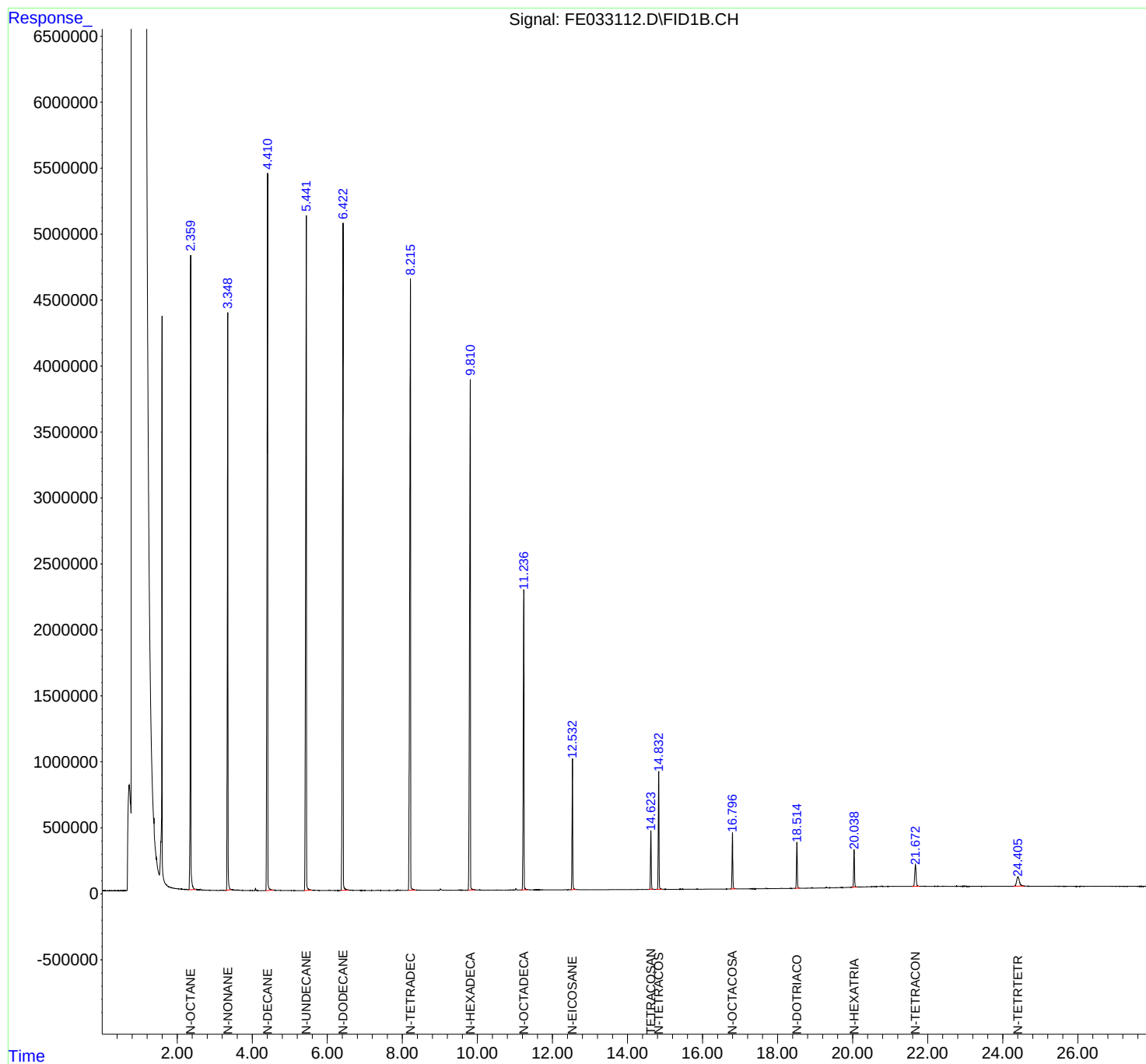
(f)=RT Delta > 1/2 Window

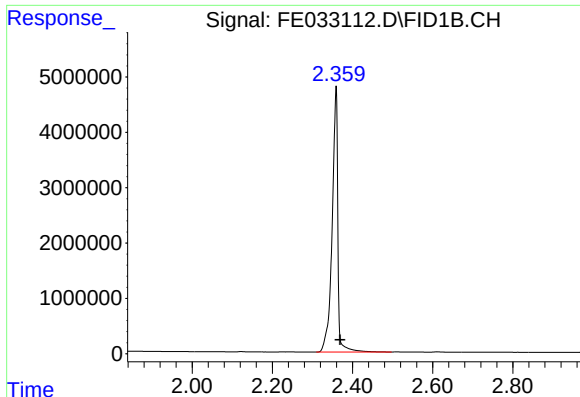
(m)=manual int.

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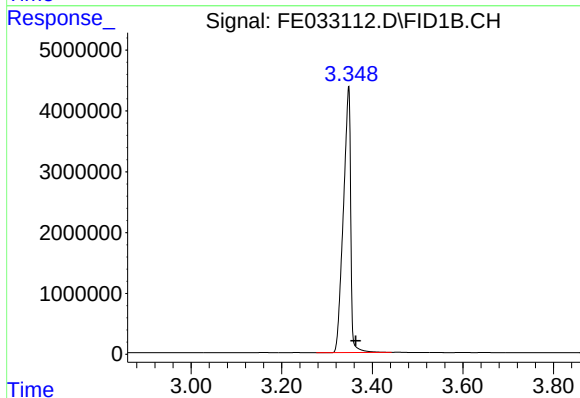
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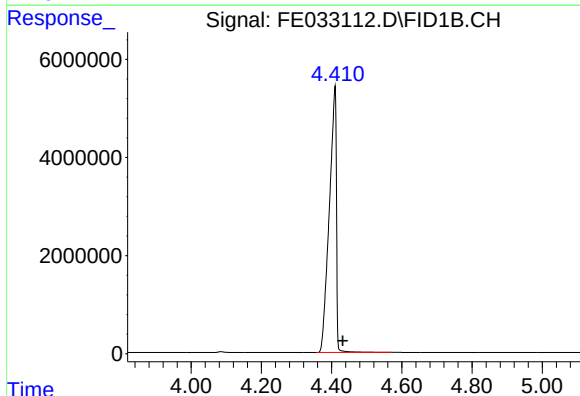
#1 N-OCTANE

R.T.: 2.359 min  
Delta R.T.: -0.010 min  
Response: 47646169  
Conc: 167.10 ug/ml



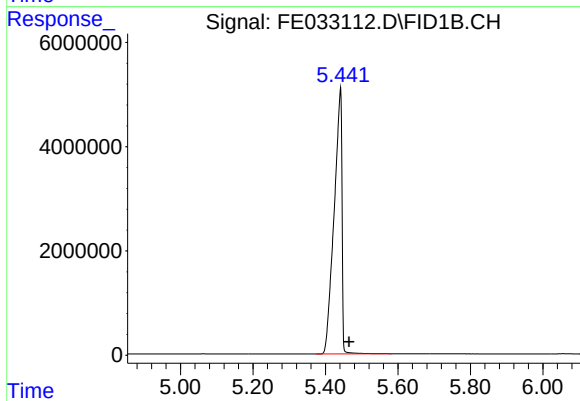
#2 N-NONANE

R.T.: 3.348 min  
Delta R.T.: -0.016 min  
Response: 49166486  
Conc: 165.96 ug/ml



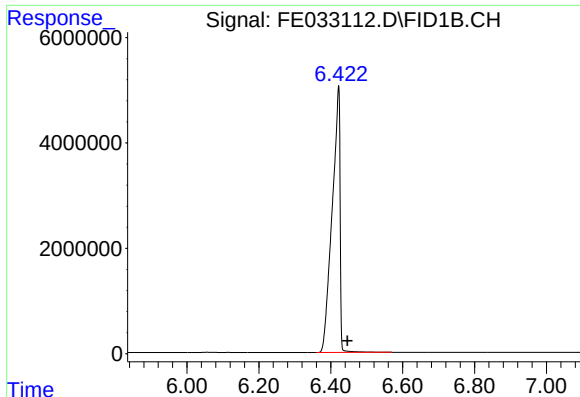
#3 N-DECANE

R.T.: 4.409 min  
Delta R.T.: -0.022 min  
Response: 76222792  
Conc: 250.47 ug/ml



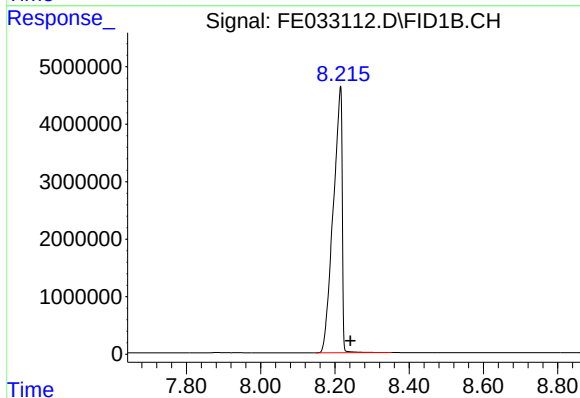
#4 N-UNDECANE

R.T.: 5.441 min  
Delta R.T.: -0.024 min  
Response: 76623689  
Conc: 250.54 ug/ml



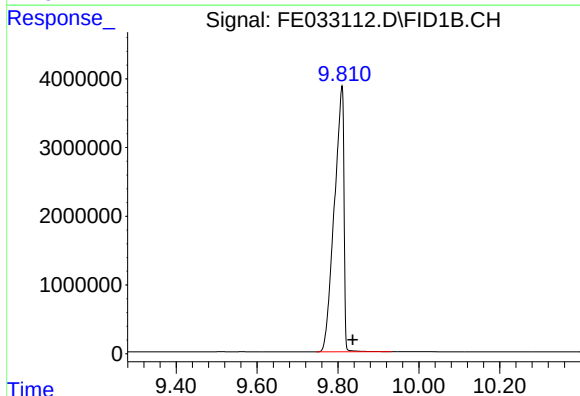
#5 N-DODECANE

R.T.: 6.422 min  
Delta R.T.: -0.025 min  
Response: 76975840  
Conc: 250.49 ug/ml



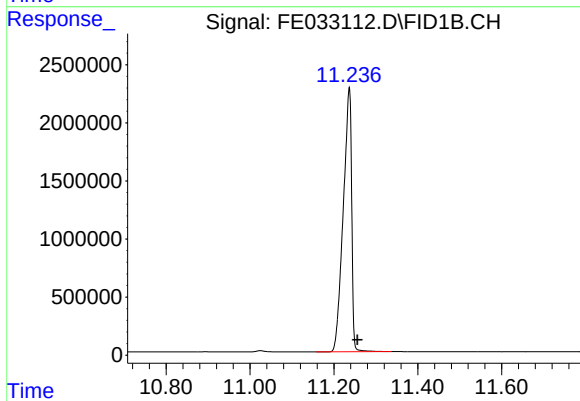
#6 N-TETRADECANE

R.T.: 8.215 min  
Delta R.T.: -0.027 min  
Response: 77032434  
Conc: 250.98 ug/ml



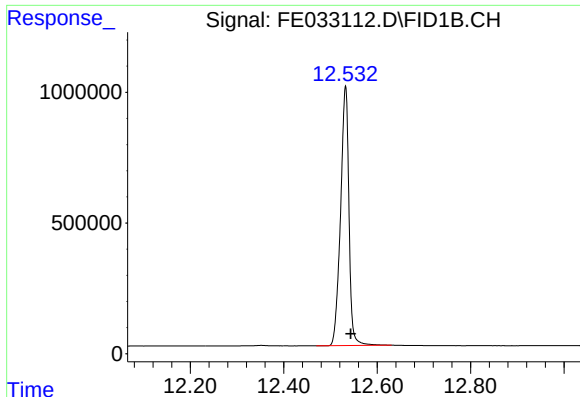
#7 N-HEXADECANE

R.T.: 9.810 min  
Delta R.T.: -0.026 min  
Response: 63676411  
Conc: 209.10 ug/ml



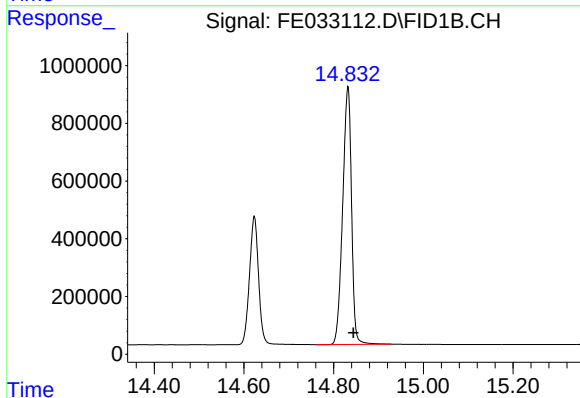
#8 N-OCTADECANE

R.T.: 11.237 min  
Delta R.T.: -0.020 min  
Response: 31589500  
Conc: 104.20 ug/ml



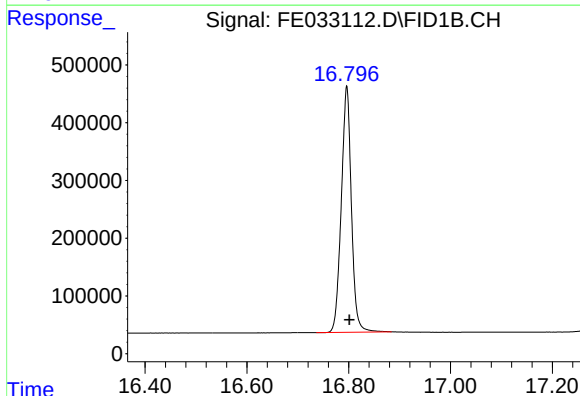
#9 N-EICOSANE

R.T.: 12.532 min  
Delta R.T.: -0.011 min  
Response: 12376294  
Conc: 41.38 ug/ml



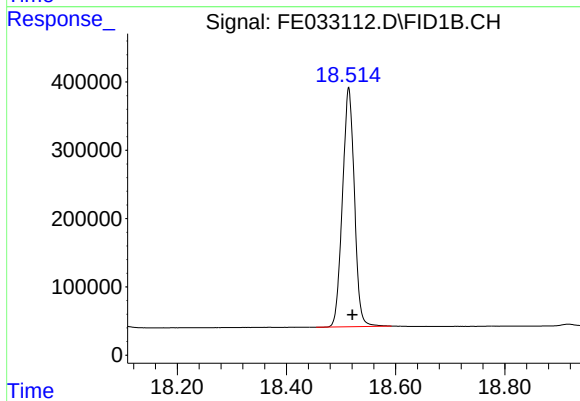
#10 N-TETRACOSANE

R.T.: 14.832 min  
Delta R.T.: -0.013 min  
Response: 12263570  
Conc: 41.50 ug/ml



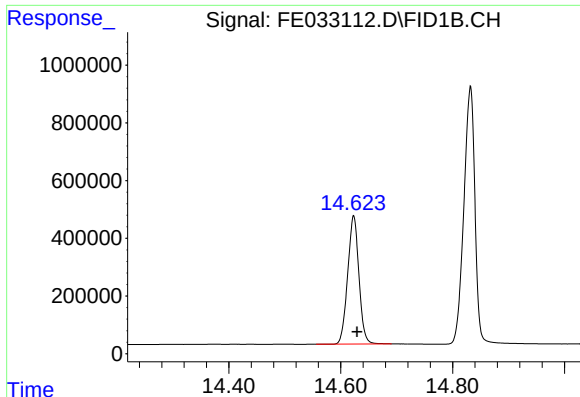
#11 N-OCTACOSANE

R.T.: 16.796 min  
Delta R.T.: -0.005 min  
Response: 5865202  
Conc: 20.64 ug/ml



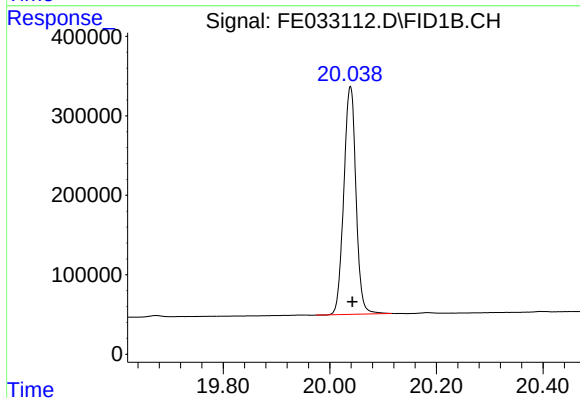
#12 N-DOTRIACONTANE

R.T.: 18.514 min  
Delta R.T.: -0.007 min  
Response: 5311977  
Conc: 20.65 ug/ml



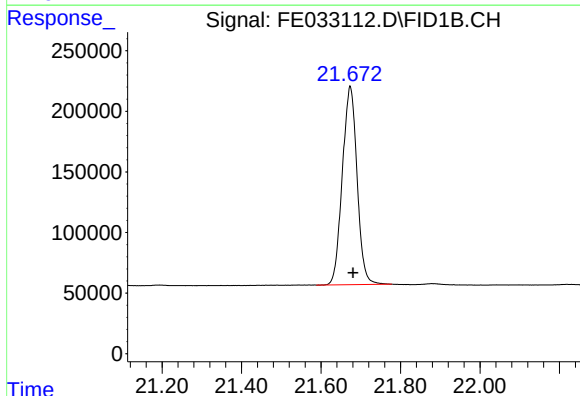
#13 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.623 min  
Delta R.T.: -0.006 min  
Response: 6186904  
Conc: 20.69 ug/ml



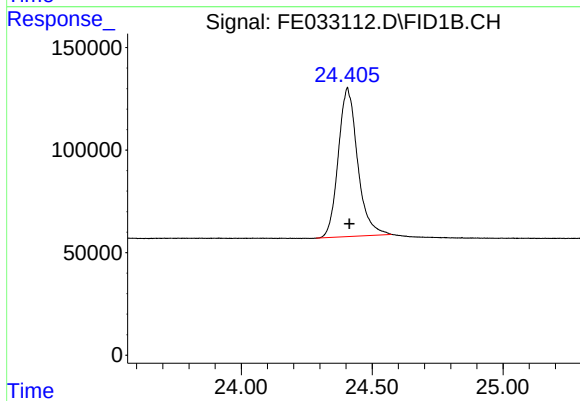
#14 N-HEXATRIACONTANE

R.T.: 20.039 min  
Delta R.T.: -0.004 min  
Response: 4552418  
Conc: 20.75 ug/ml



#15 N-TETRACONTANE

R.T.: 21.673 min  
Delta R.T.: -0.007 min  
Response: 4209884  
Conc: 20.81 ug/ml



#16 N-TETRTETRACOOCTANE

R.T.: 24.405 min  
Delta R.T.: -0.009 min  
Response: 3708143  
Conc: 19.91 ug/ml