

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE111021\  
 Data File : FE034515.D  
 Signal(s) : FID1B.CH  
 Acq On : 10 Nov 2021 9:02  
 Operator : AJ\MA  
 Sample : 4400 PPM TRPH STD  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Nov 11 00:09:58 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\C44-FE110121.M  
 Quant Title :  
 QLast Update : Tue Nov 02 03:13:57 2021  
 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... | 14.641 | 15928349  | 46.908 ug/ml  |
| Target Compounds               |        |           |               |
| 1) N-OCTANE                    | 2.381  | 105084004 | 386.731 ug/ml |
| 2) N-NONANE                    | 3.374  | 106705048 | 391.927 ug/ml |
| 3) N-DECANE                    | 4.439  | 160260532 | 587.373 ug/ml |
| 4) N-UNDECANE                  | 5.470  | 167428478 | 587.367 ug/ml |
| 5) N-DODECANE                  | 6.451  | 165225195 | 588.081 ug/ml |
| 6) N-TETRADECANE               | 8.246  | 162195805 | 586.092 ug/ml |
| 7) N-HEXADECANE                | 9.842  | 136852081 | 484.661 ug/ml |
| 8) N-OCTADECANE                | 11.263 | 68170244  | 240.751 ug/ml |
| 9) N-EICOSANE                  | 12.553 | 27317826  | 96.475 ug/ml  |
| 10) N-TETRACOSANE              | 14.853 | 26047689  | 93.375 ug/ml  |
| 11) N-OCTACOSANE               | 16.810 | 12419046  | 45.611 ug/ml  |
| 12) N-DOTRIACONTANE            | 18.527 | 11620406  | 43.352 ug/ml  |
| 14) N-HEXATRIACONTANE          | 20.047 | 11009493  | 44.019 ug/ml  |
| 15) N-TETRACONTANE             | 21.668 | 10131730  | 44.252 ug/ml  |
| -----                          |        |           |               |

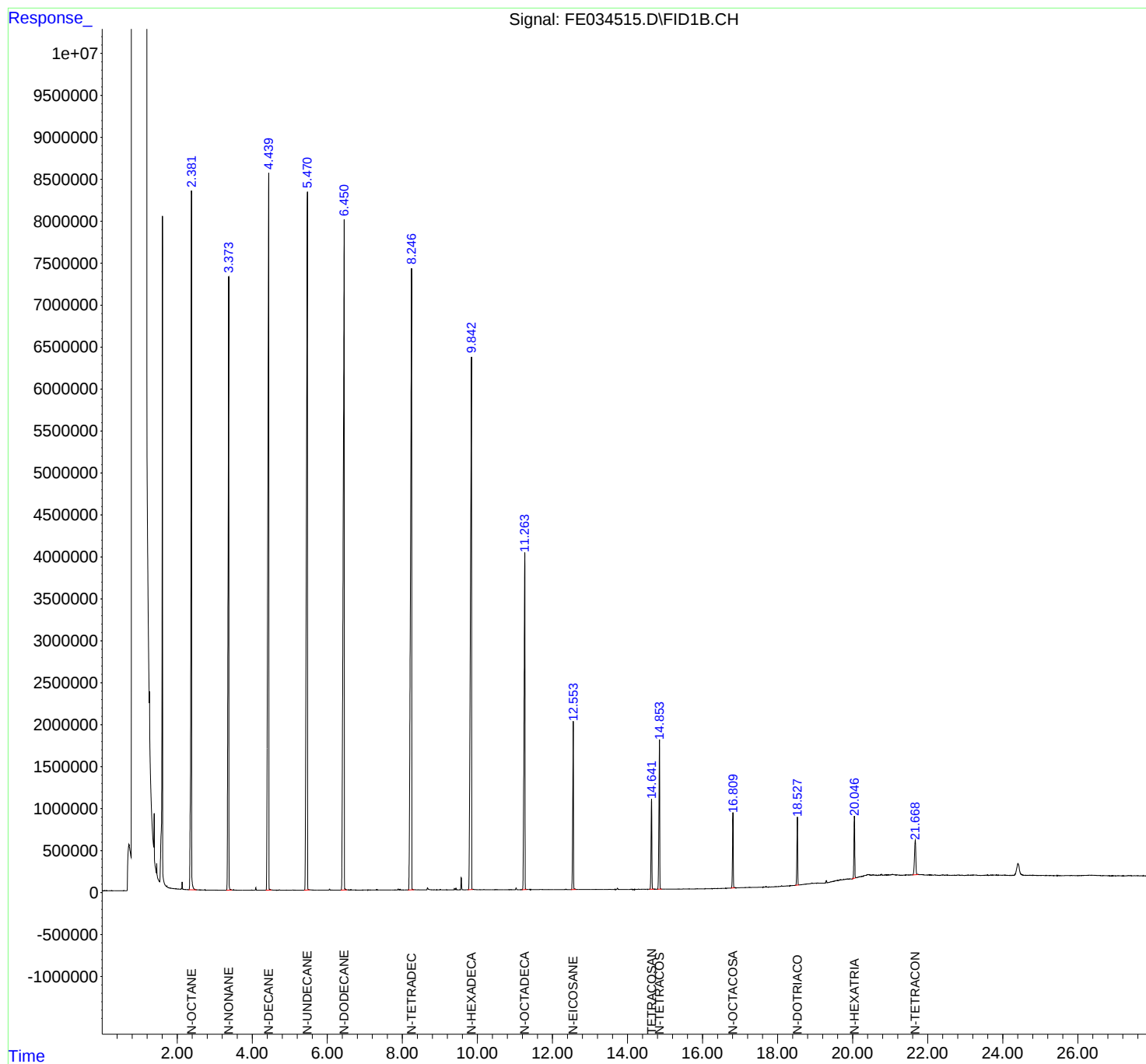
(f)=RT Delta > 1/2 Window

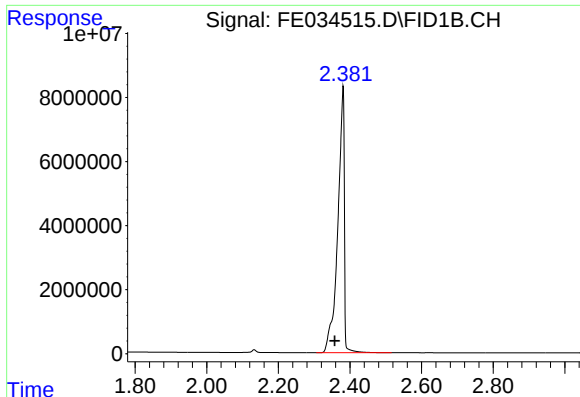
(m)=manual int.

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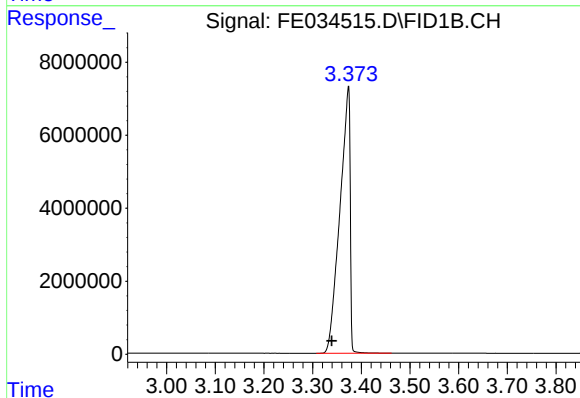
Volume Inj. : 1 ul  
Signal Phase : Rxi-1ms  
Signal Info : 20m x 0.18mm x 0.18um





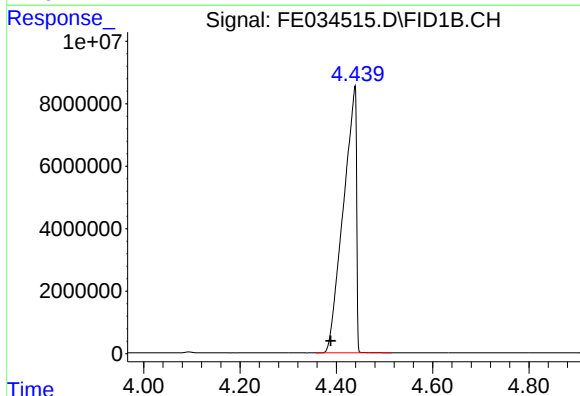
#1 N-OCTANE

R.T.: 2.381 min  
Delta R.T.: 0.023 min  
Response: 105084004  
Conc: 386.73 ug/ml



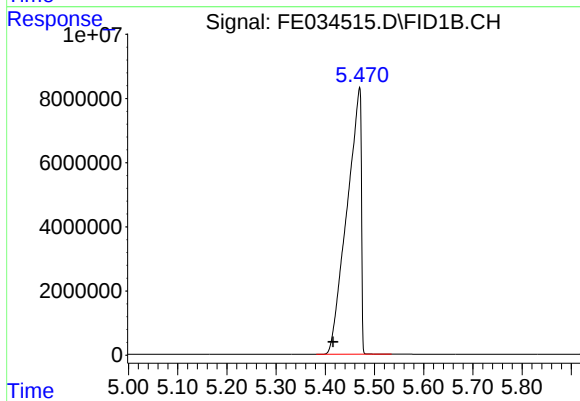
#2 N-NONANE

R.T.: 3.374 min  
Delta R.T.: 0.034 min  
Response: 106705048  
Conc: 391.93 ug/ml



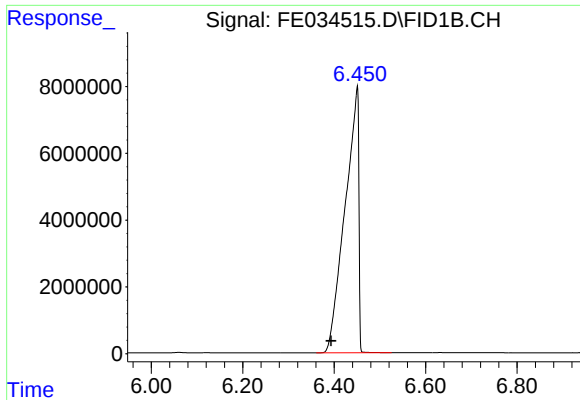
#3 N-DECANE

R.T.: 4.439 min  
Delta R.T.: 0.050 min  
Response: 160260532  
Conc: 587.37 ug/ml



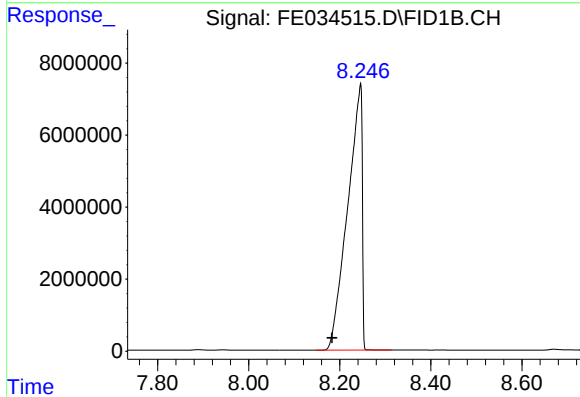
#4 N-UNDECANE

R.T.: 5.470 min  
Delta R.T.: 0.054 min  
Response: 167428478  
Conc: 587.37 ug/ml



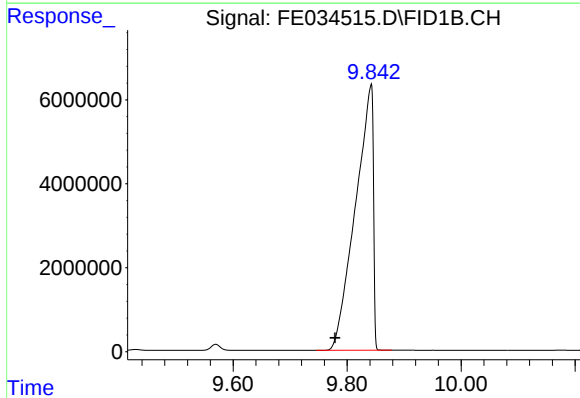
#5 N-DODECANE

R.T.: 6.451 min  
Delta R.T.: 0.057 min  
Response: 165225195  
Conc: 588.08 ug/ml



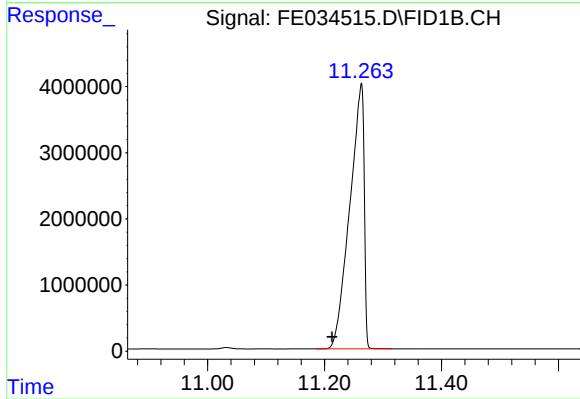
#6 N-TETRADECANE

R.T.: 8.246 min  
Delta R.T.: 0.063 min  
Response: 162195805  
Conc: 586.09 ug/ml



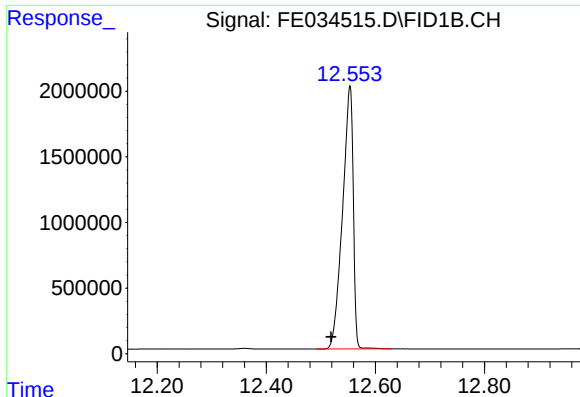
#7 N-HEXADECANE

R.T.: 9.842 min  
Delta R.T.: 0.063 min  
Response: 136852081  
Conc: 484.66 ug/ml



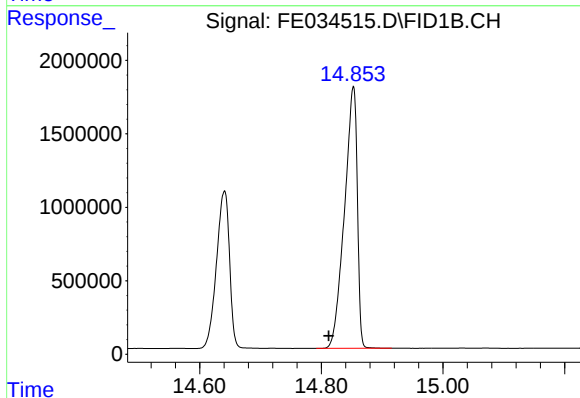
#8 N-OCTADECANE

R.T.: 11.263 min  
Delta R.T.: 0.050 min  
Response: 68170244  
Conc: 240.75 ug/ml



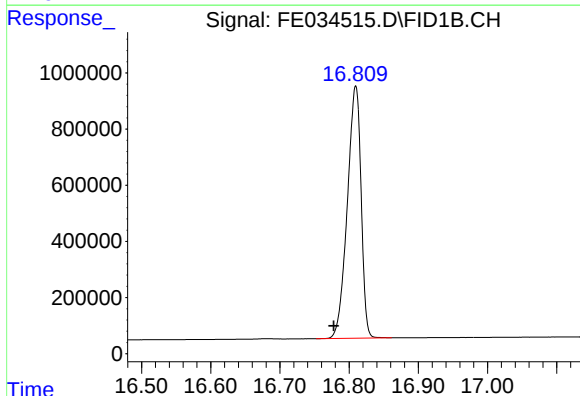
#9 N-EICOSANE

R.T.: 12.553 min  
Delta R.T.: 0.035 min  
Response: 27317826  
Conc: 96.47 ug/ml



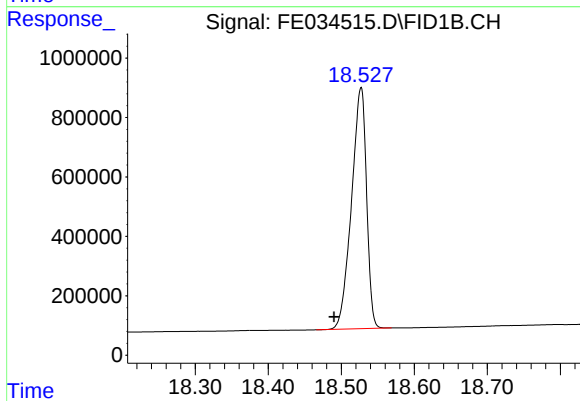
#10 N-TETRACOSANE

R.T.: 14.853 min  
Delta R.T.: 0.041 min  
Response: 26047689  
Conc: 93.37 ug/ml



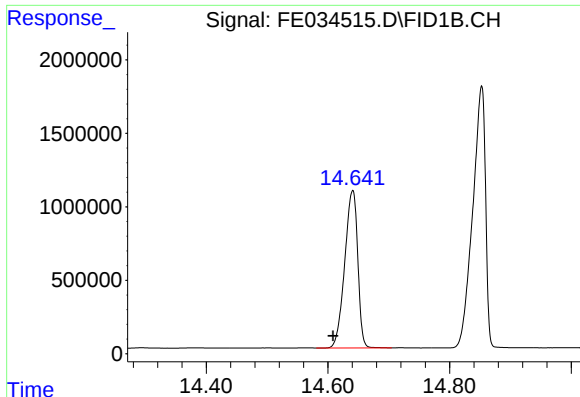
#11 N-OCTACOSANE

R.T.: 16.810 min  
Delta R.T.: 0.032 min  
Response: 12419046  
Conc: 45.61 ug/ml



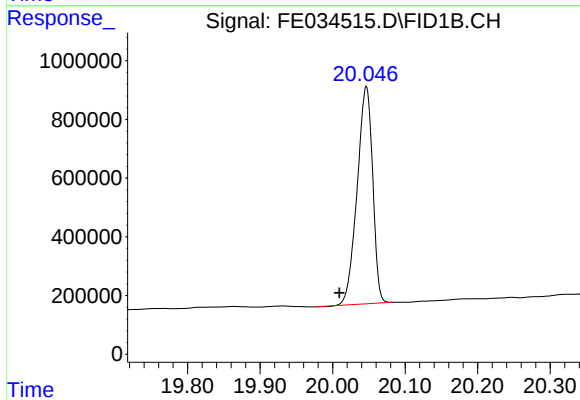
#12 N-DOTRIACONTANE

R.T.: 18.527 min  
Delta R.T.: 0.037 min  
Response: 11620406  
Conc: 43.35 ug/ml



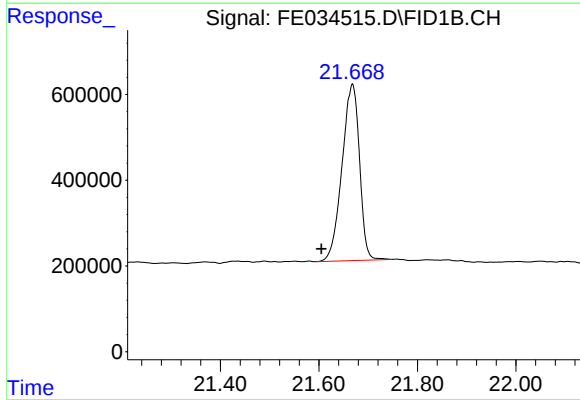
#13 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.641 min  
Delta R.T.: 0.033 min  
Response: 15928349  
Conc: 46.91 ug/ml



#14 N-HEXATRIACONTANE

R.T.: 20.047 min  
Delta R.T.: 0.037 min  
Response: 11009493  
Conc: 44.02 ug/ml



#15 N-TETRACONTANE

R.T.: 21.668 min  
Delta R.T.: 0.063 min  
Response: 10131730  
Conc: 44.25 ug/ml