

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE122118\  
 Data File : FE029360.D  
 Signal(s) : FID1B.CH  
 Acq On : 22 Dec 2018 00:35  
 Operator : AJ\SJ  
 Sample : 4400 PPM TRPH STD  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Dec 22 01:26:51 2018  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\C44-FE120718.M  
 Quant Title :  
 QLast Update : Fri Dec 07 23:47:48 2018  
 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... | 14.852 | 10345965  | 53.991 ug/ml  |
| Target Compounds               |        |           |               |
| 1) N-OCTANE                    | 2.528  | 69143670  | 396.931 ug/ml |
| 2) N-NONANE                    | 3.532  | 75897073  | 435.540 ug/ml |
| 3) N-DECANE                    | 4.607  | 117166940 | 450.665 ug/ml |
| 4) N-UNDECANE                  | 5.644  | 123209114 | 678.599 ug/ml |
| 5) N-DODECANE                  | 6.629  | 121706320 | 675.563 ug/ml |
| 6) N-TETRADECANE               | 8.433  | 120042899 | 671.556 ug/ml |
| 7) N-HEXADECANE                | 10.036 | 102330590 | 553.828 ug/ml |
| 8) N-OCTADECANE                | 11.463 | 51484160  | 277.927 ug/ml |
| 9) N-EICOSANE                  | 12.757 | 20683675  | 114.211 ug/ml |
| 10) N-TETRACOSANE              | 15.069 | 20219078  | 108.732 ug/ml |
| 11) N-OCTACOSANE               | 17.035 | 9845652   | 52.982 ug/ml  |
| 12) N-DOTRIACONTANE            | 18.761 | 9334447   | 51.256 ug/ml  |
| 14) N-HEXATRIACONTANE          | 20.289 | 8850035   | 49.405 ug/ml  |
| 15) N-TETRACONTANE             | 22.030 | 8321271   | 53.389 ug/ml  |
| 16) N-TETRATETRAOCTANE         | 24.992 | 7546005   | 64.353 ug/mlm |
| -----                          |        |           |               |

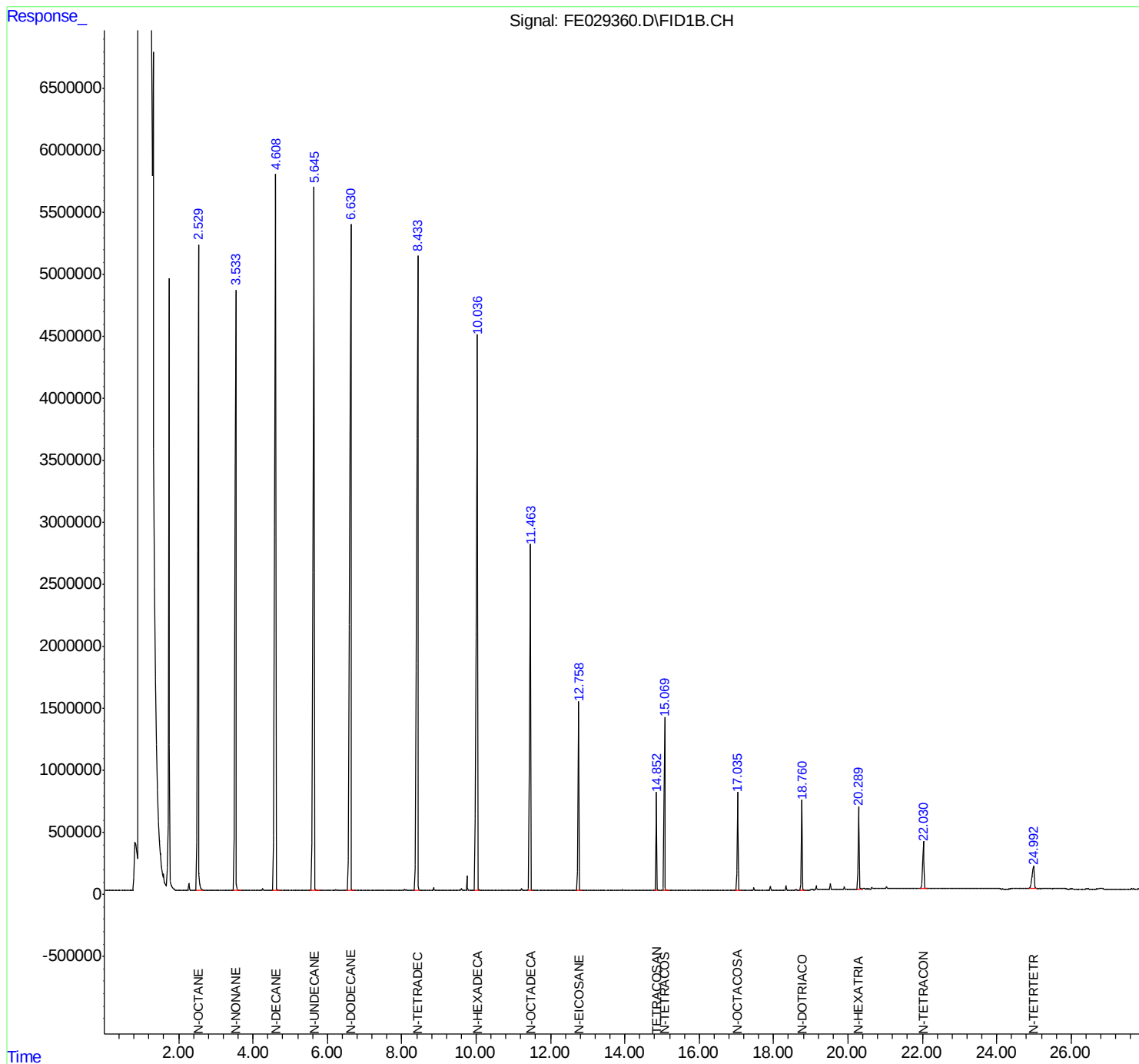
(f)=RT Delta > 1/2 Window

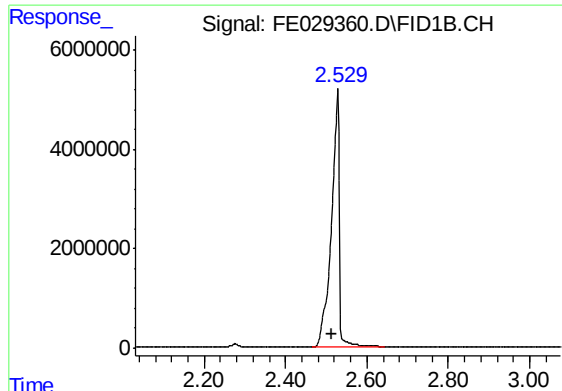
(m)=manual int.

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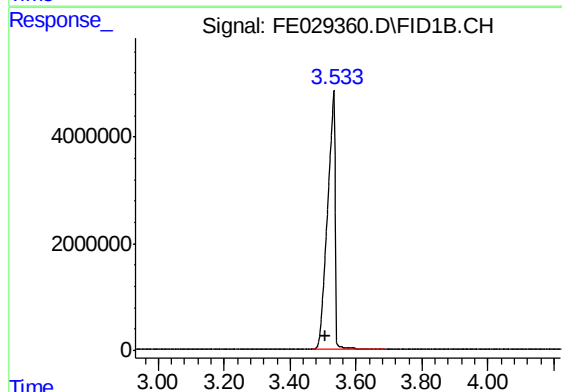
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Signal Info : 20m x 0.18mm x 0.18um





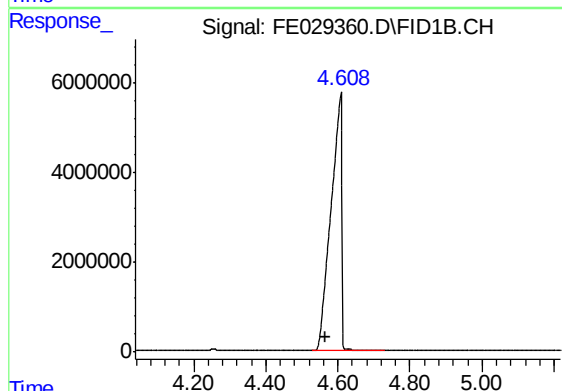
#1 N-OCTANE

R.T.: 2.528 min  
Delta R.T.: 0.015 min  
Response: 69143670  
Conc: 396.93 ug/ml



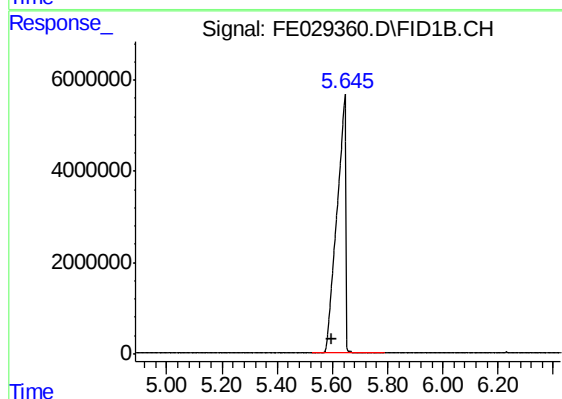
#2 N-NONANE

R.T.: 3.532 min  
Delta R.T.: 0.026 min  
Response: 75897073  
Conc: 435.54 ug/ml



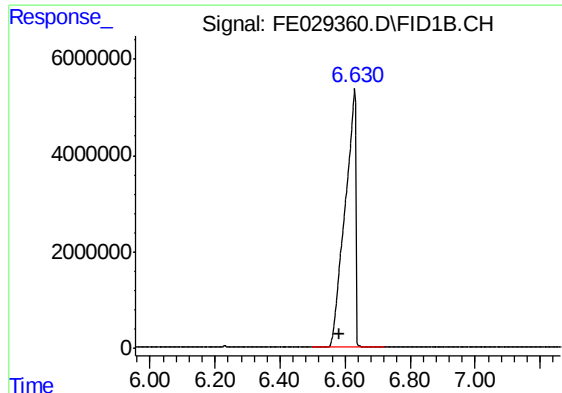
#3 N-DECANE

R.T.: 4.607 min  
Delta R.T.: 0.041 min  
Response: 117166940  
Conc: 450.66 ug/ml



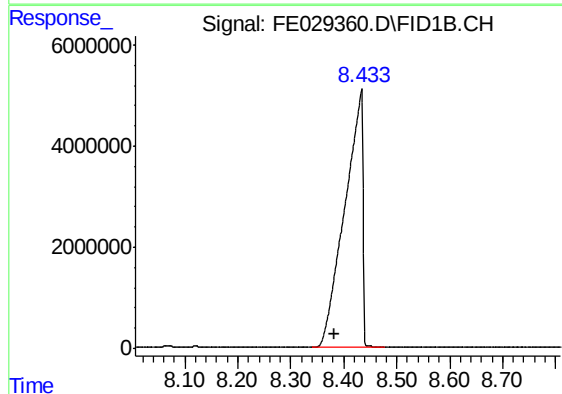
#4 N-UNDECANE

R.T.: 5.644 min  
Delta R.T.: 0.044 min  
Response: 123209114  
Conc: 678.60 ug/ml



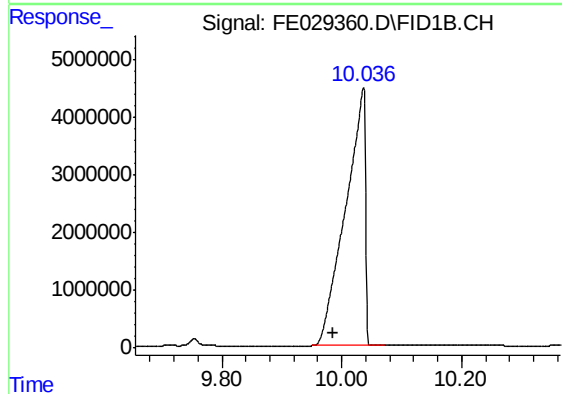
#5 N-DODECANE

R.T.: 6.629 min  
Delta R.T.: 0.047 min  
Response: 121706320  
Conc: 675.56 ug/ml



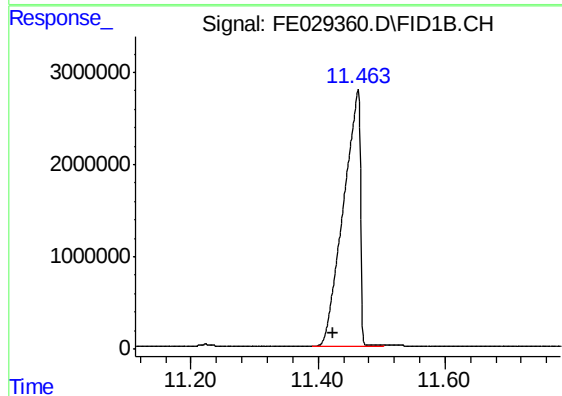
#6 N-TETRADECANE

R.T.: 8.433 min  
Delta R.T.: 0.051 min  
Response: 120042899  
Conc: 671.56 ug/ml



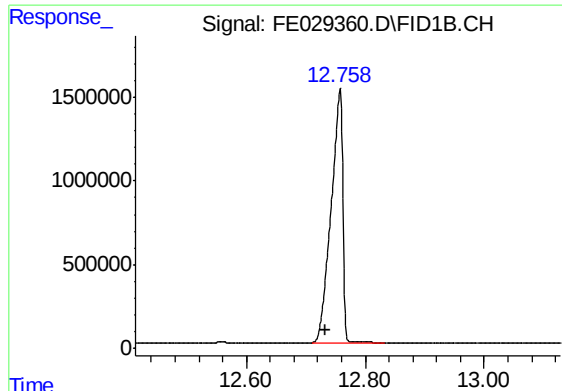
#7 N-HEXADECANE

R.T.: 10.036 min  
Delta R.T.: 0.050 min  
Response: 102330590  
Conc: 553.83 ug/ml



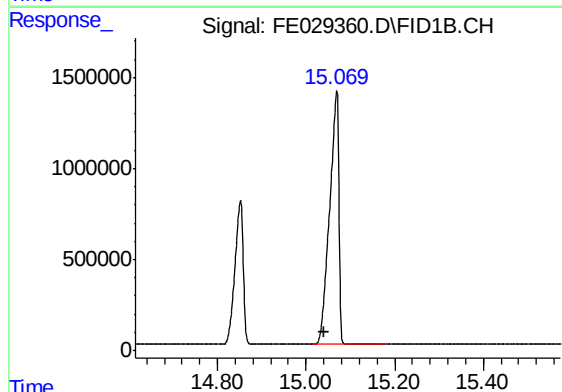
#8 N-OCTADECANE

R.T.: 11.463 min  
Delta R.T.: 0.038 min  
Response: 51484160  
Conc: 277.93 ug/ml



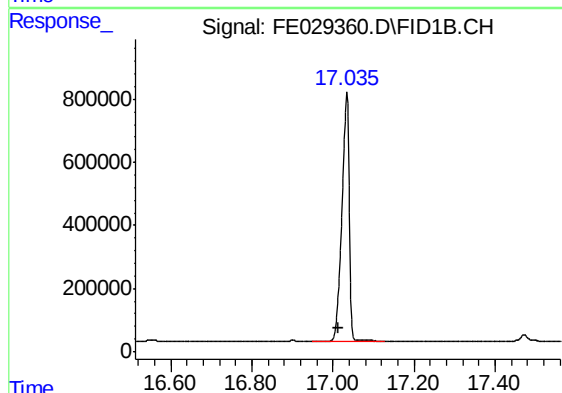
#9 N-EICOSANE

R.T.: 12.757 min  
Delta R.T.: 0.024 min  
Response: 20683675  
Conc: 114.21 ug/ml



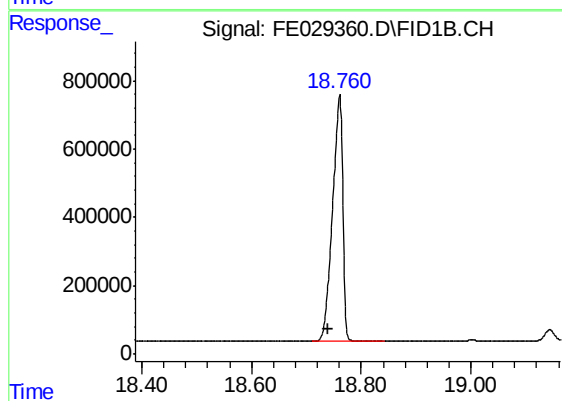
#10 N-TETRACOSANE

R.T.: 15.069 min  
Delta R.T.: 0.029 min  
Response: 20219078  
Conc: 108.73 ug/ml



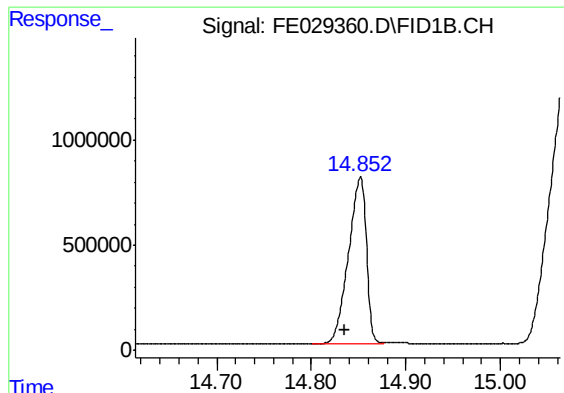
#11 N-OCTACOSANE

R.T.: 17.035 min  
Delta R.T.: 0.020 min  
Response: 9845652  
Conc: 52.98 ug/ml



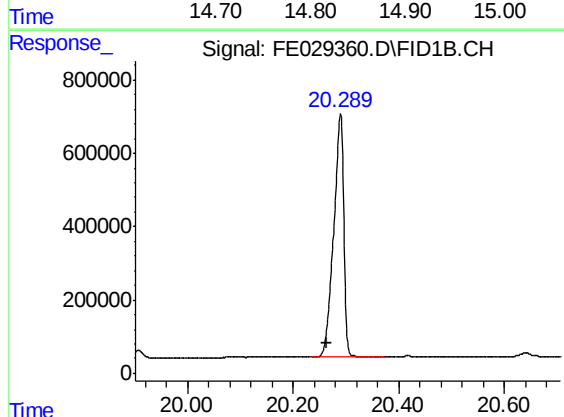
#12 N-DOTRIACONTANE

R.T.: 18.761 min  
Delta R.T.: 0.021 min  
Response: 9334447  
Conc: 51.26 ug/ml



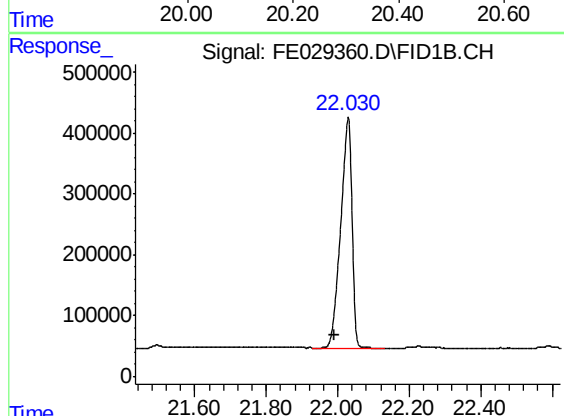
#13 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.852 min  
Delta R.T.: 0.017 min  
Response: 10345965  
Conc: 53.99 ug/ml



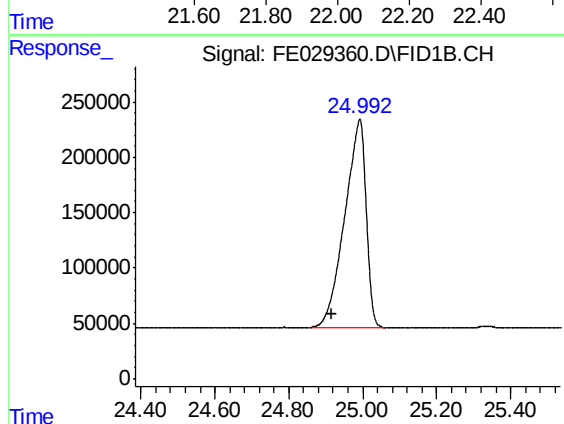
#14 N-HEXATRIACONTANE

R.T.: 20.289 min  
Delta R.T.: 0.025 min  
Response: 8850035  
Conc: 49.40 ug/ml



#15 N-TETRACONTANE

R.T.: 22.030 min  
Delta R.T.: 0.038 min  
Response: 8321271  
Conc: 53.39 ug/ml



#16 N-TETRTETRACOOCTANE

R.T.: 24.992 min  
Delta R.T.: 0.075 min  
Response: 7546005  
Conc: 64.35 ug/ml m