

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE090419\  
Data File : FE030318.D  
Signal(s) : FID1B.CH  
Acq On : 04 Sep 2019 13:46  
Operator : AJ\SJ  
Sample : K4608-01  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

Integration File: autoint1.e  
Quant Time: Sep 05 00:48:46 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\C44-FE080919.M  
Quant Title :  
QLast Update : Fri Aug 09 14:35:21 2019  
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

## Target Compounds

|     |                     |        |           |                |
|-----|---------------------|--------|-----------|----------------|
| 1)  | N-OCTANE            | 2.412  | 505207    | 2.841 ug/ml    |
| 3)  | N-DECANE            | 4.417  | 193847    | 0.698 ug/ml    |
| 4)  | N-UNDECANE          | 5.405  | 469148    | 2.507 ug/ml    |
| 5)  | N-DODECANE          | 6.365  | 528391    | 2.827 ug/ml    |
| 6)  | N-TETRADECANE       | 8.195  | 519954    | 2.741 ug/ml    |
| 7)  | N-HEXADECANE        | 9.738  | 11526929  | 60.608 ug/ml   |
| 8)  | N-OCTADECANE        | 11.214 | 13630861  | 71.965 ug/ml   |
| 11) | N-OCTACOSANE        | 16.714 | 614121806 | 3318.741 ug/ml |
| 12) | N-DOTRIACONTANE     | 18.462 | 515203851 | 2821.203 ug/ml |
| 14) | N-HEXATRIACONTANE   | 20.036 | 316873279 | 1885.062 ug/ml |
| 15) | N-TETRACONTANE      | 21.592 | 216461929 | 1388.932 ug/ml |
| 16) | N-TETRTETRACOOCTANE | 24.190 | 14230859  | 96.095 ug/ml   |

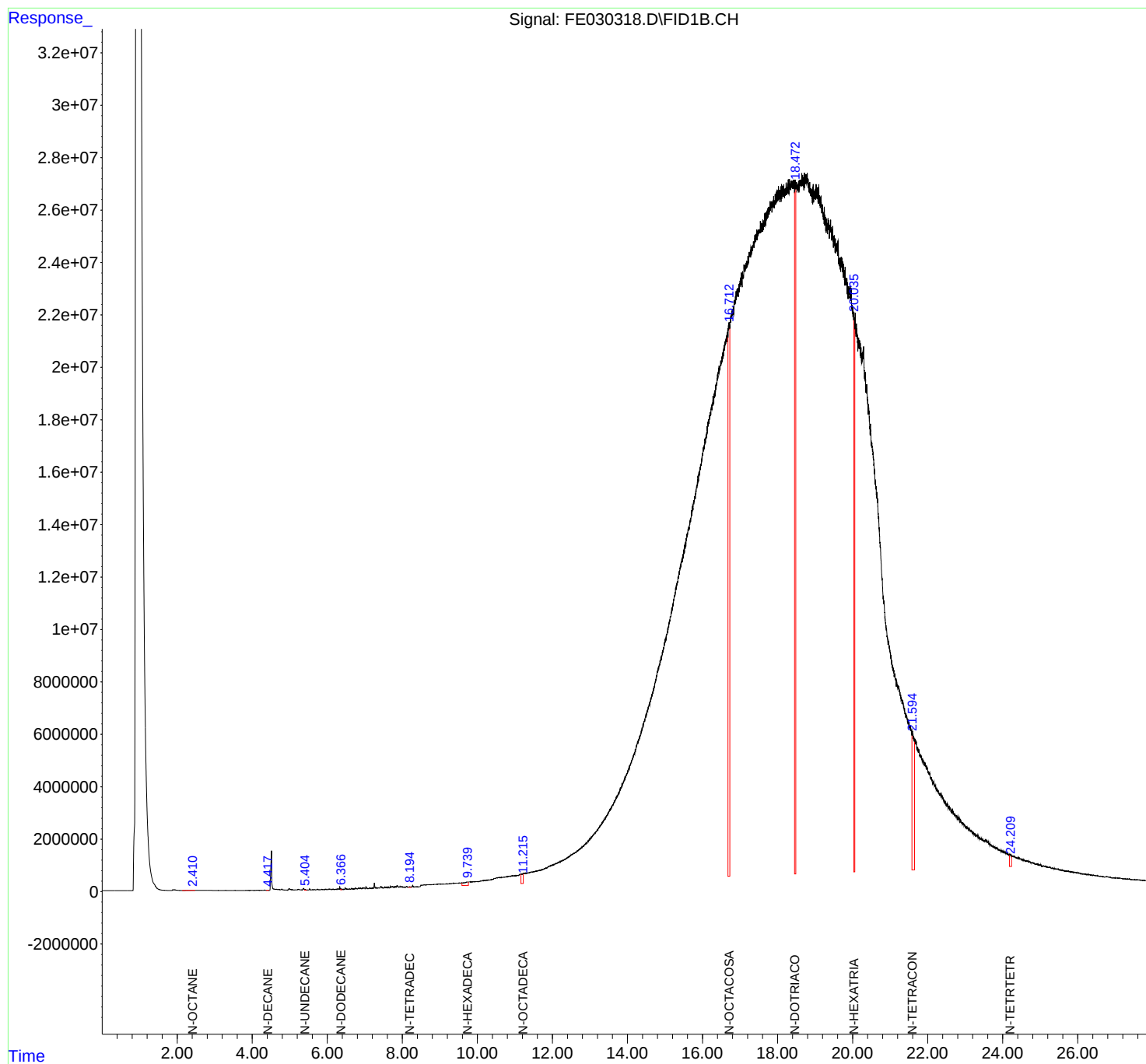
(f)=RT Delta &gt; 1/2 Window

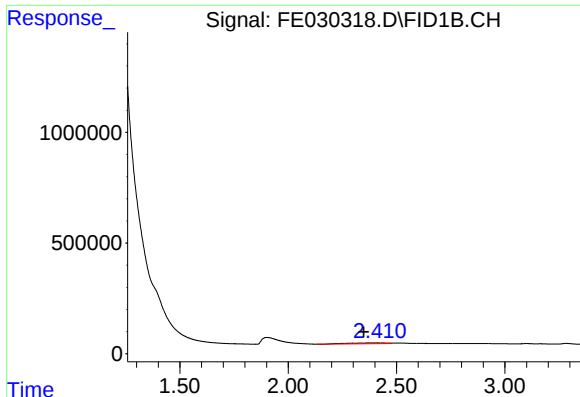
(m)=manual int.

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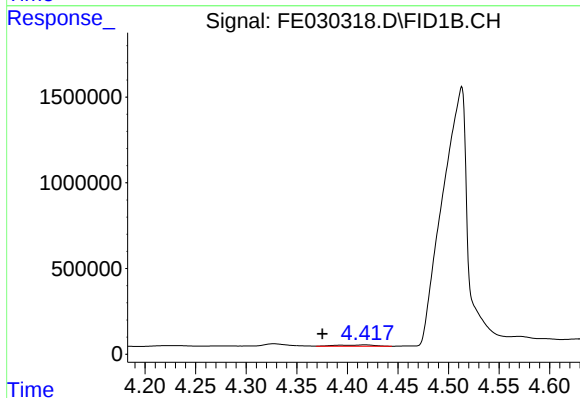
Volume Inj. : 1 uL  
Signal Phase : Rxi-1ms  
Signal Info : 20m x 0.18mm x 0.18um





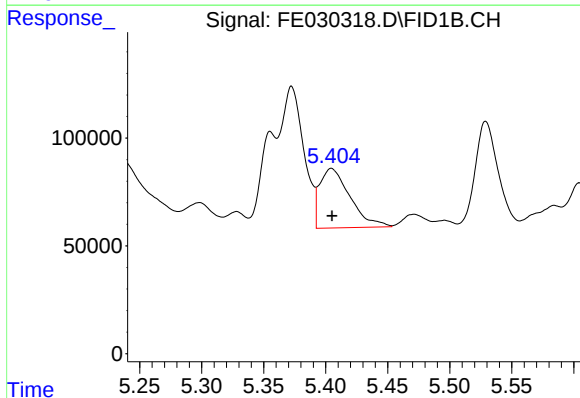
#1 N-OCTANE

R.T.: 2.412 min  
Delta R.T.: 0.063 min  
Response: 505207  
Conc: 2.84 ug/ml



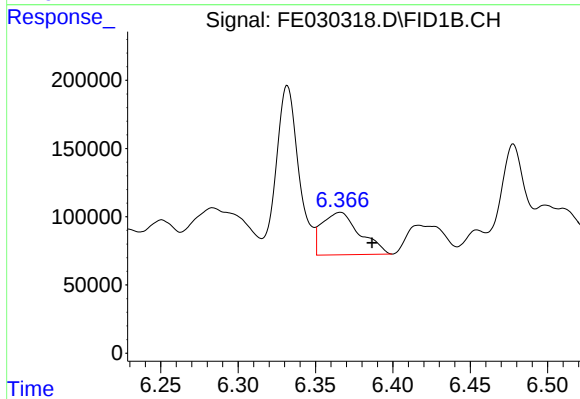
#3 N-DECANE

R.T.: 4.417 min  
Delta R.T.: 0.042 min  
Response: 193847  
Conc: 0.70 ug/ml



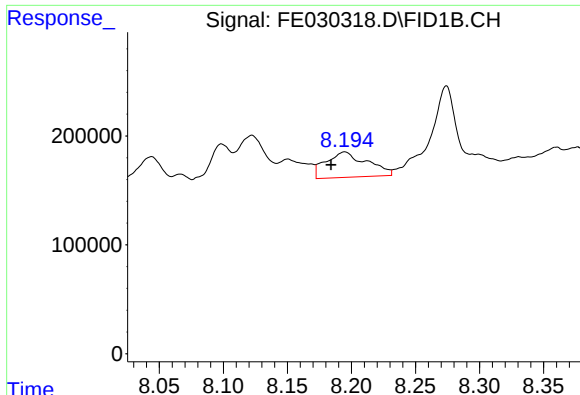
#4 N-UNDECANE

R.T.: 5.405 min  
Delta R.T.: 0.000 min  
Response: 469148  
Conc: 2.51 ug/ml



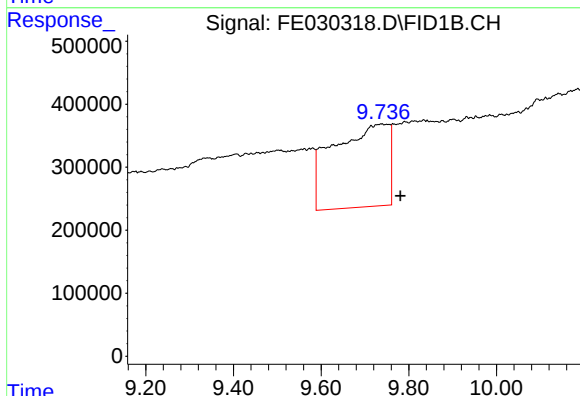
#5 N-DODECANE

R.T.: 6.365 min  
Delta R.T.: -0.021 min  
Response: 528391  
Conc: 2.83 ug/ml



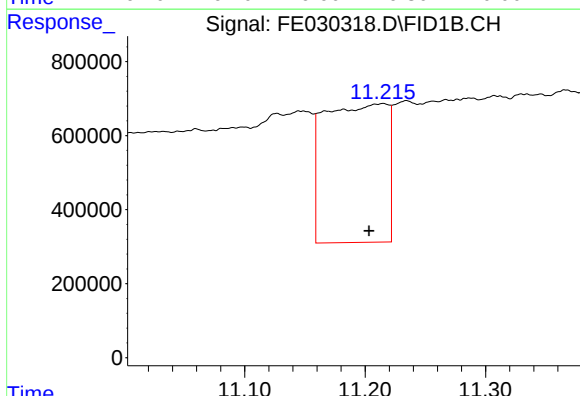
#6 N-TETRADECANE

R.T.: 8.195 min  
Delta R.T.: 0.010 min  
Response: 519954  
Conc: 2.74 ug/ml



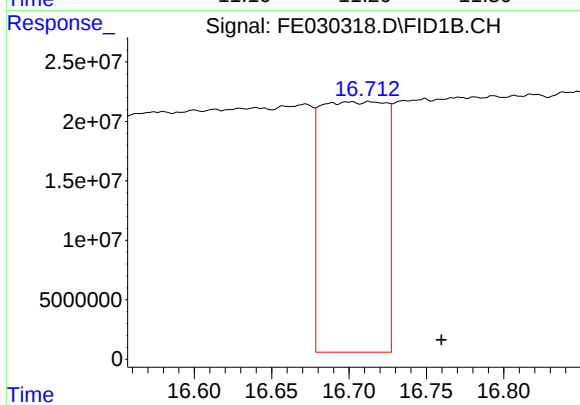
#7 N-HEXADECANE

R.T.: 9.738 min  
Delta R.T.: -0.043 min  
Response: 11526929  
Conc: 60.61 ug/ml



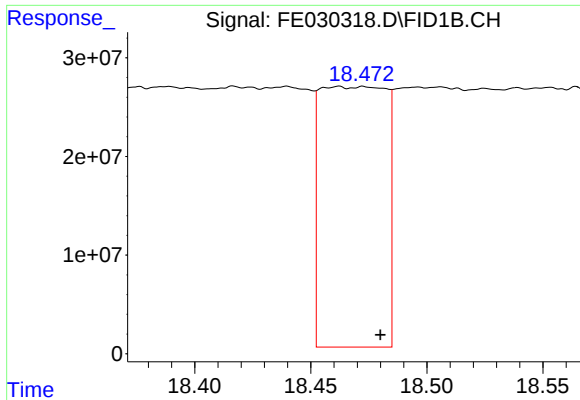
#8 N-OCTADECANE

R.T.: 11.214 min  
Delta R.T.: 0.011 min  
Response: 13630861  
Conc: 71.96 ug/ml



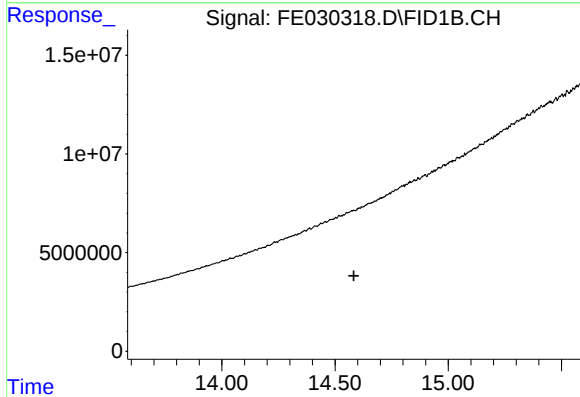
#11 N-OCTACOSANE

R.T.: 16.714 min  
Delta R.T.: -0.046 min  
Response: 614121806  
Conc: 3318.74 ug/ml



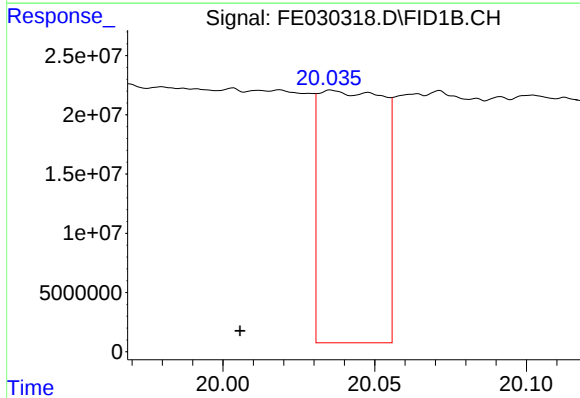
#12 N-DOTRIACONTANE

R.T.: 18.462 min  
Delta R.T.: -0.018 min  
Response: 515203851  
Conc: 2821.20 ug/ml



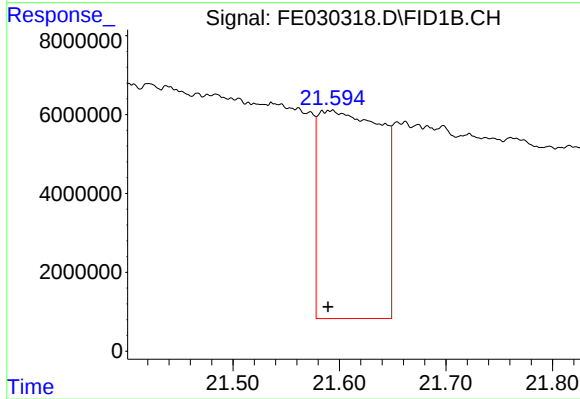
#13 TETRACOSANE-d50 (SURROGATE)

R.T.: 0.000 min  
Exp R.T.: 14.583 min  
Response: 0  
Conc: N.D.



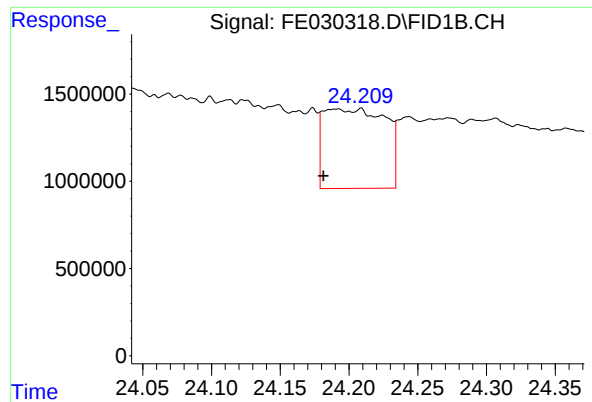
#14 N-HEXATRIACONTANE

R.T.: 20.036 min  
Delta R.T.: 0.030 min  
Response: 316873279  
Conc: 1885.06 ug/ml



#15 N-TETRACONTANE

R.T.: 21.592 min  
Delta R.T.: 0.002 min  
Response: 216461929  
Conc: 1388.93 ug/ml



#16 N-TETRTETRACOCTANE

R.T.: 24.190 min

Delta R.T.: 0.009 min

Response: 14230859

Conc: 96.09 ug/ml