

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE090919\  
 Data File : FE030369.D  
 Signal(s) : FID1B.CH  
 Acq On : 09 Sep 2019 22:07  
 Operator : DD\AJ  
 Sample : 4400 PPM TRPH STD  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 FID\_E  
 ClientSampleId :  
 4400 PPM TRPH STD

Integration File: autoint1.e  
 Quant Time: Sep 10 05:47:48 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\C44-FE090819.M  
 Quant Title :  
 QLast Update : Mon Sep 09 04:07:04 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    |        |           |               |
| 13) S TETRACOSANE-d50 (SURR... | 14.559 | 10035330  | 50.427 ug/ml  |
| Target Compounds               |        |           |               |
| 1) N-OCTANE                    | 2.341  | 70281851  | 392.402 ug/ml |
| 2) N-NONANE                    | 3.305  | 73144583  | 404.799 ug/ml |
| 3) N-DECANE                    | 4.360  | 113501409 | 403.452 ug/ml |
| 4) N-UNDECANE                  | 5.388  | 115003040 | 605.849 ug/ml |
| 5) N-DODECANE                  | 6.370  | 115210287 | 607.109 ug/ml |
| 6) N-TETRADECANE               | 8.167  | 116887160 | 605.241 ug/ml |
| 7) N-HEXADECANE                | 9.763  | 97780173  | 503.376 ug/ml |
| 8) N-OCTADECANE                | 11.184 | 48716407  | 251.750 ug/ml |
| 9) N-EICOSANE                  | 12.473 | 19460041  | 101.166 ug/ml |
| 10) N-TETRACOSANE              | 14.775 | 19220829  | 100.254 ug/ml |
| 11) N-OCTACOSANE               | 16.733 | 9368372   | 49.769 ug/ml  |
| 12) N-DOTRIACONTANE            | 18.454 | 8794041   | 49.475 ug/ml  |
| 14) N-HEXATRIACONTANE          | 19.976 | 7868996   | 49.656 ug/ml  |
| 15) N-TETRACONTANE             | 21.545 | 7151125   | 51.198 ug/ml  |
| 16) N-TETRATETRAOCTANE         | 24.099 | 6655546   | 54.332 ug/ml  |
| -----                          |        |           |               |

(f)=RT Delta > 1/2 Window

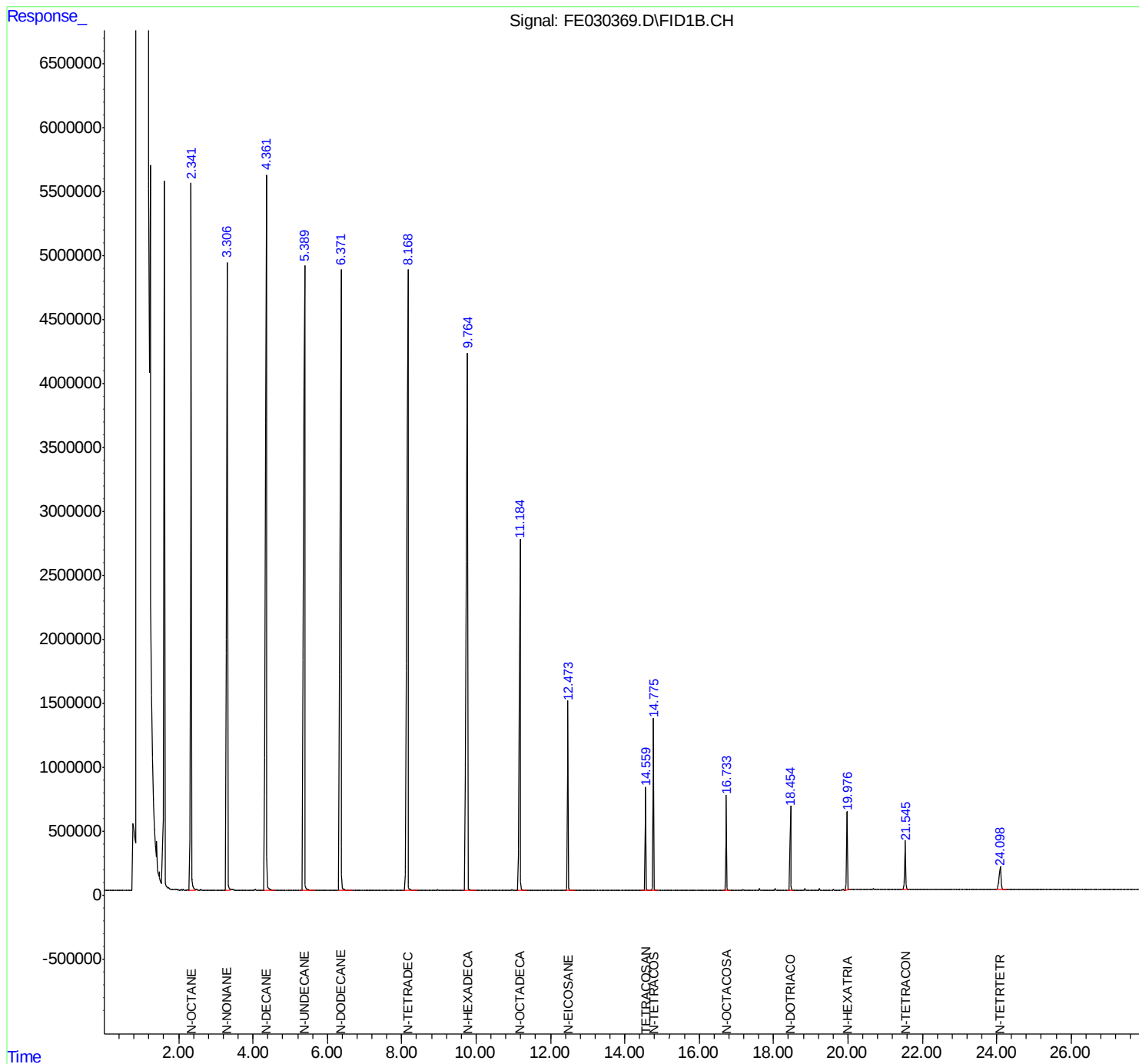
(m)=manual int.

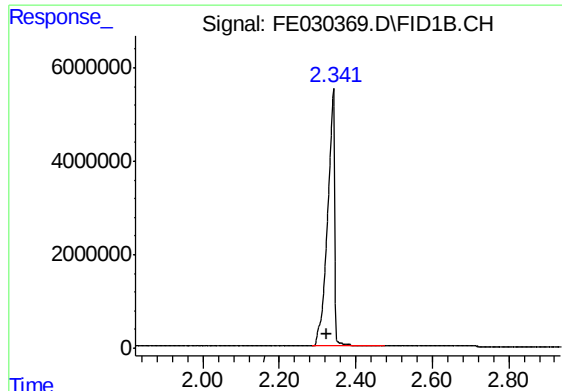
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE090919\  
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Signal Info : 20m x 0.18mm x 0.18um

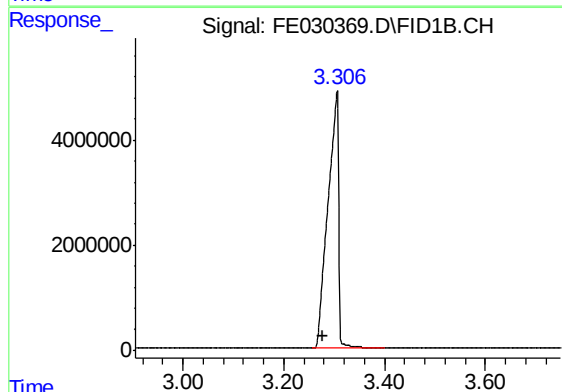




#1 N-OCTANE

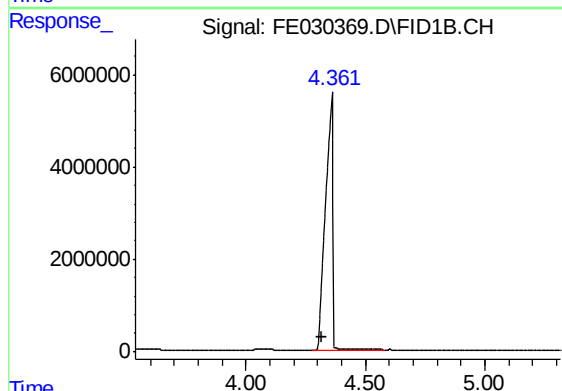
R.T.: 2.341 min  
Delta R.T.: 0.017 min  
Response: 70281851  
Conc: 392.40 ug/ml

Instrument :  
FID\_E  
ClientSampleId :  
4400 PPM TRPH STD



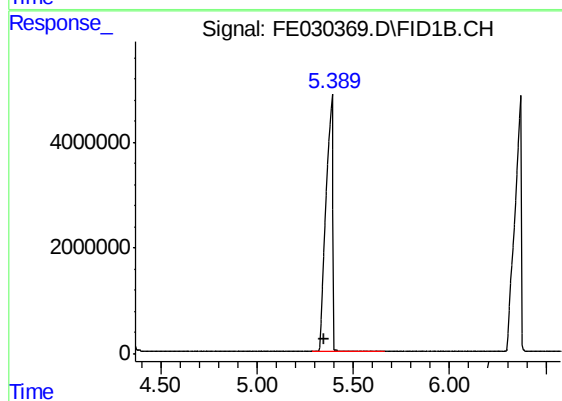
#2 N-NONANE

R.T.: 3.305 min  
Delta R.T.: 0.027 min  
Response: 73144583  
Conc: 404.80 ug/ml



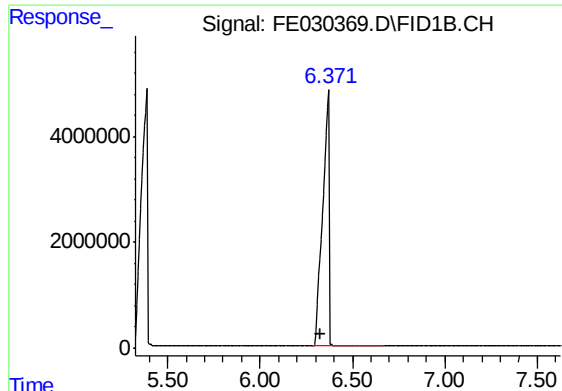
#3 N-DECANE

R.T.: 4.360 min  
Delta R.T.: 0.041 min  
Response: 113501409  
Conc: 403.45 ug/ml



#4 N-UNDECANE

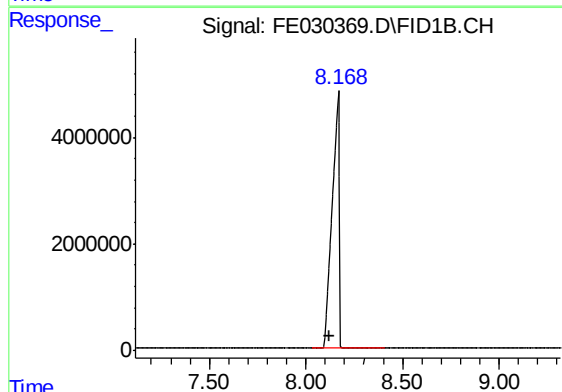
R.T.: 5.388 min  
Delta R.T.: 0.041 min  
Response: 115003040  
Conc: 605.85 ug/ml



#5 N-DODECANE

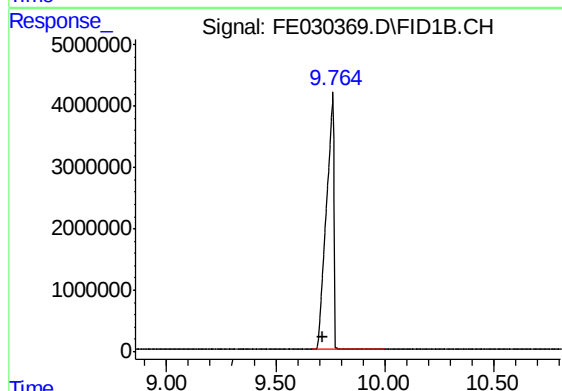
R.T.: 6.370 min  
Delta R.T.: 0.044 min  
Response: 115210287  
Conc: 607.11 ug/ml

Instrument :  
FID\_E  
ClientSampleId :  
4400 PPM TRPH STD



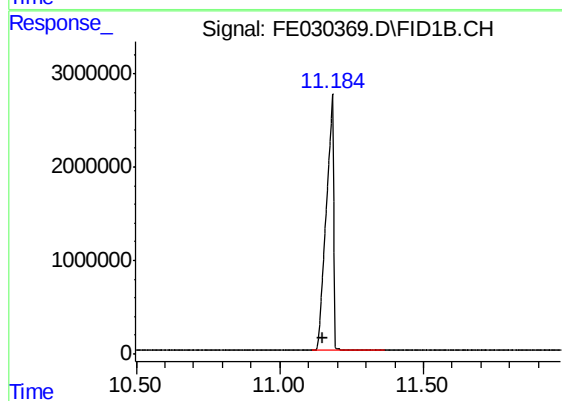
#6 N-TETRADECANE

R.T.: 8.167 min  
Delta R.T.: 0.048 min  
Response: 116887160  
Conc: 605.24 ug/ml



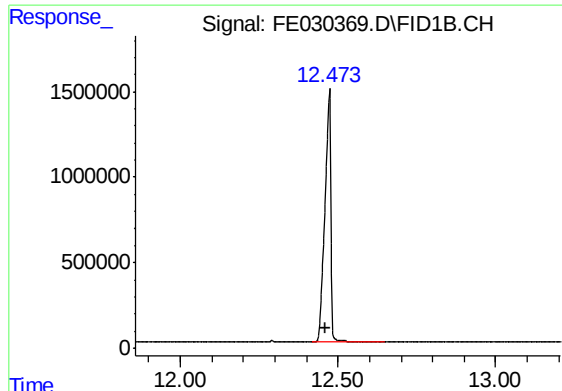
#7 N-HEXADECANE

R.T.: 9.763 min  
Delta R.T.: 0.047 min  
Response: 97780173  
Conc: 503.38 ug/ml



#8 N-OCTADECANE

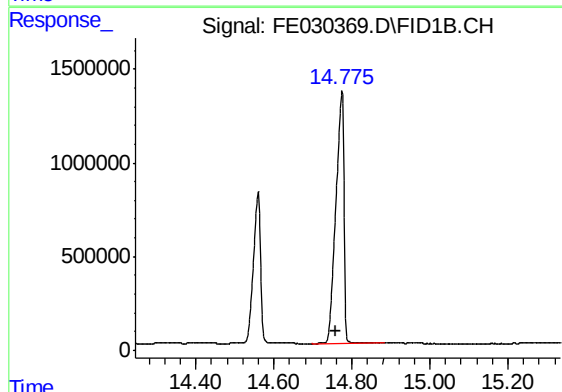
R.T.: 11.184 min  
Delta R.T.: 0.033 min  
Response: 48716407  
Conc: 251.75 ug/ml



#9 N-EICOSANE

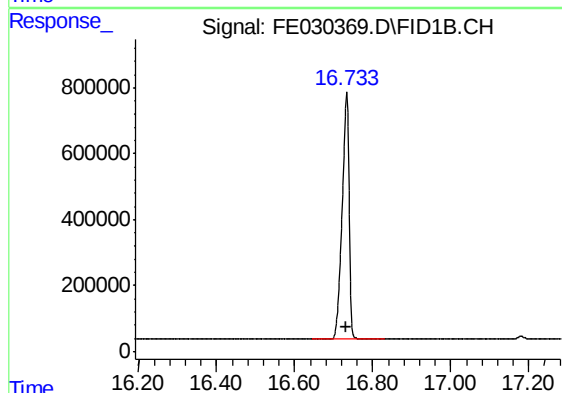
R.T.: 12.473 min  
Delta R.T.: 0.014 min  
Response: 19460041  
Conc: 101.17 ug/ml

Instrument :  
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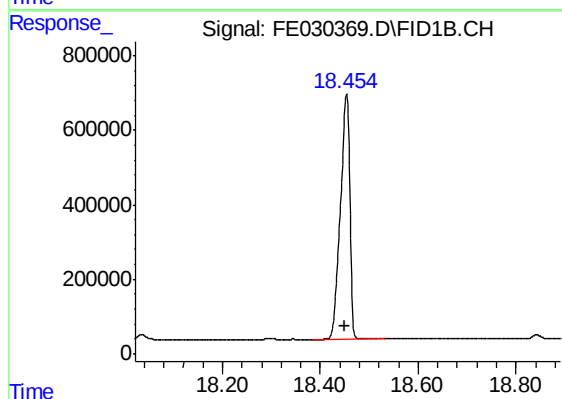
#10 N-TETRACOSANE

R.T.: 14.775 min  
Delta R.T.: 0.014 min  
Response: 19220829  
Conc: 100.25 ug/ml



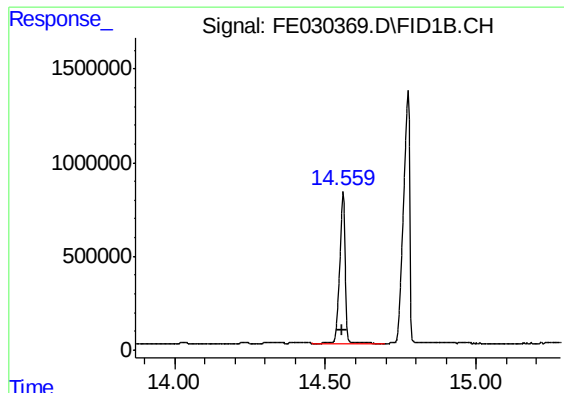
#11 N-OCTACOSANE

R.T.: 16.733 min  
Delta R.T.: 0.003 min  
Response: 9368372  
Conc: 49.77 ug/ml



#12 N-DOTRIACONTANE

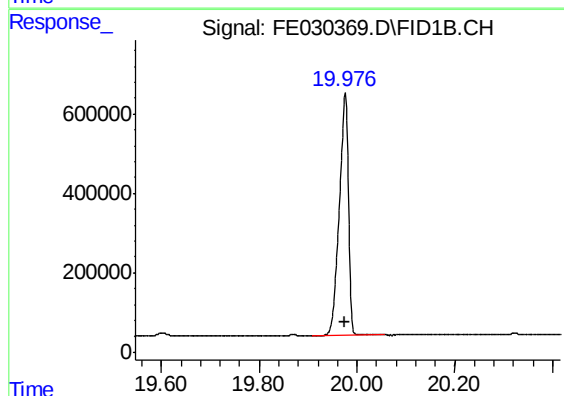
R.T.: 18.454 min  
Delta R.T.: 0.003 min  
Response: 8794041  
Conc: 49.48 ug/ml



#13 TETRACOSANE-d50 (SURROGATE)

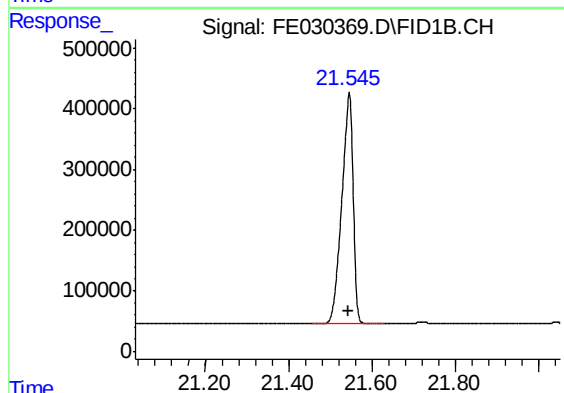
R.T.: 14.559 min  
Delta R.T.: 0.004 min  
Response: 10035330  
Conc: 50.43 ug/ml

Instrument :  
FID\_E  
ClientSampleId :  
4400 PPM TRPH STD



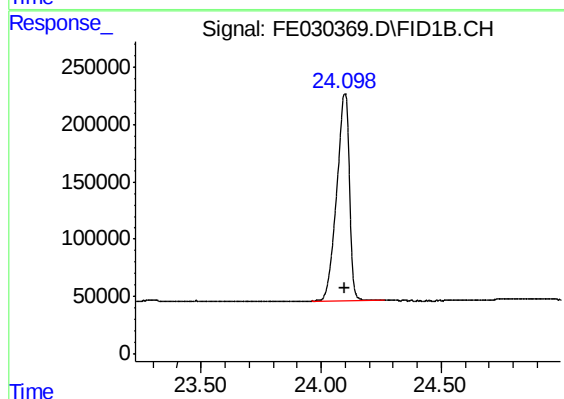
#14 N-HEXATRIACONTANE

R.T.: 19.976 min  
Delta R.T.: 0.002 min  
Response: 7868996  
Conc: 49.66 ug/ml



#15 N-TETRACONTANE

R.T.: 21.545 min  
Delta R.T.: 0.003 min  
Response: 7151125  
Conc: 51.20 ug/ml



#16 N-TETRTETRACOOCTANE

R.T.: 24.099 min  
Delta R.T.: -0.002 min  
Response: 6655546  
Conc: 54.33 ug/ml