

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE091319\
 Data File : FE030481.D
 Signal(s) : FID1B.CH
 Acq On : 13 Sep 2019 17:30
 Operator : DD\AJ
 Sample : K4857-04
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 SLUDGE-COMP

Integration File: autoint1.e
 Quant Time: Sep 13 23:30:08 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...	14.541	3467878	17.426 ug/ml
Target Compounds			
1) N-OCTANE	2.317	111592	0.623 ug/ml
2) N-NONANE	3.278	505710	2.799 ug/ml
3) N-DECANE	4.332	260257	0.925 ug/ml
4) N-UNDECANE	5.345	1359324	7.161 ug/ml
5) N-DODECANE	6.337	844388	4.450 ug/ml
6) N-TETRADECANE	8.097	4671442	24.189 ug/ml
7) N-HEXADECANE	9.692	2480980	12.772 ug/ml
8) N-OCTADECANE	11.132	3070291	15.866 ug/ml
9) N-EICOSANE	12.442	3731220	19.397 ug/ml
10) N-TETRACOSANE	14.741	1170039	6.103 ug/ml
11) N-OCTACOSANE	16.714	959200	5.096 ug/ml
12) N-DOTRIACONTANE	18.434	740375	4.165 ug/ml
14) N-HEXATRIACONTANE	19.964	216246	1.365 ug/ml
15) N-TETRACONTANE	21.536	458981	3.286 ug/ml
16) N-TETRTETRACOOCTANE	24.074	75993	0.620 ug/ml

(f)=RT Delta > 1/2 Window

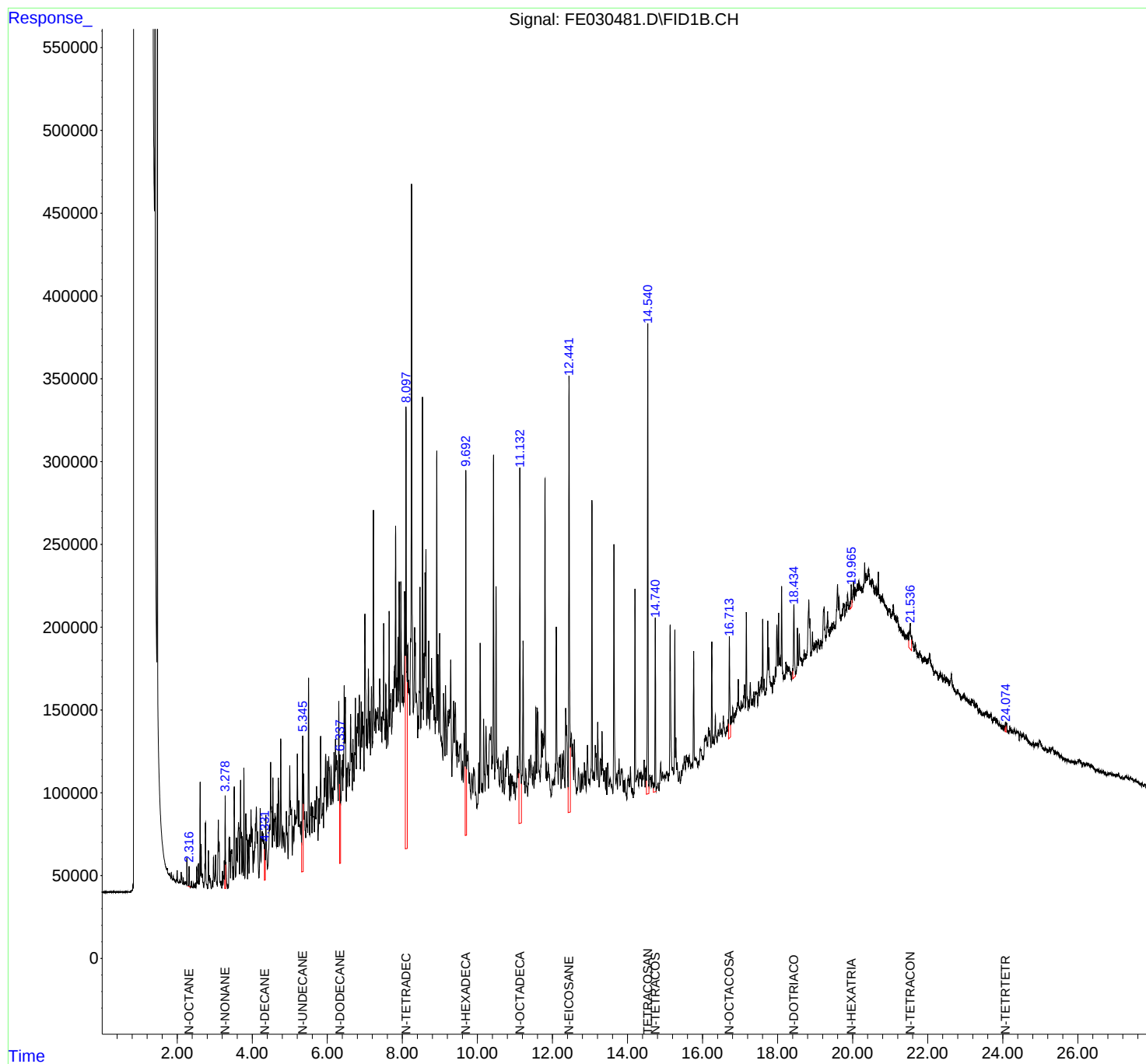
(m)=manual int.

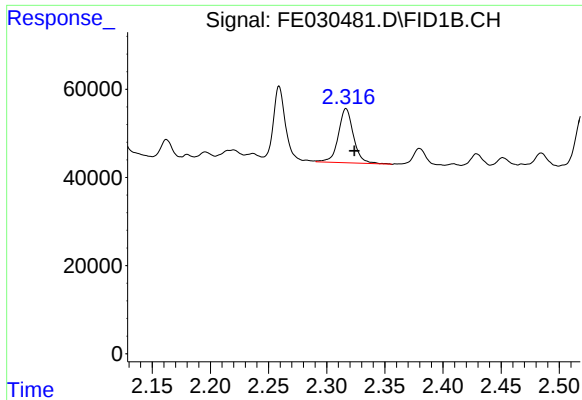
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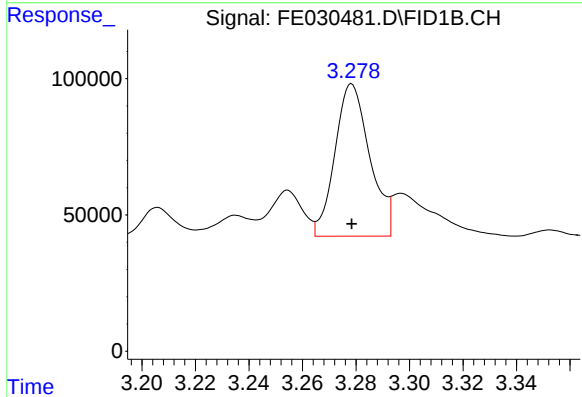




#1 N-OCTANE

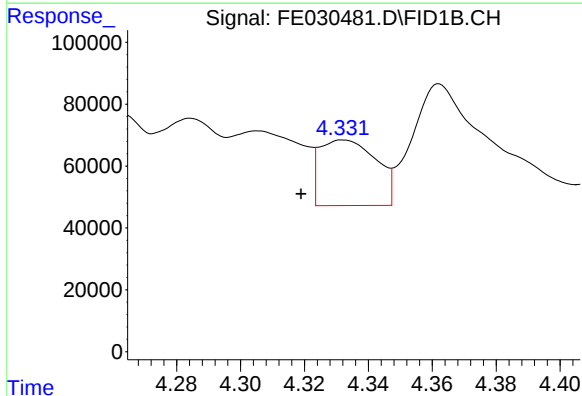
R.T.: 2.317 min
Delta R.T.: -0.007 min
Response: 111592
Conc: 0.62 ug/ml

Instrument :
FID_E
ClientSampleId :
SLUDGE-COMP



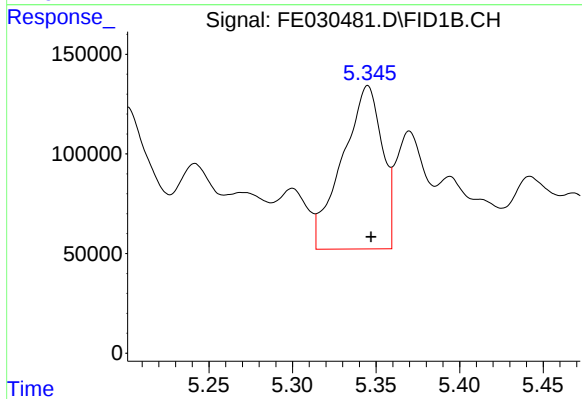
#2 N-NONANE

R.T.: 3.278 min
Delta R.T.: 0.000 min
Response: 505710
Conc: 2.80 ug/ml



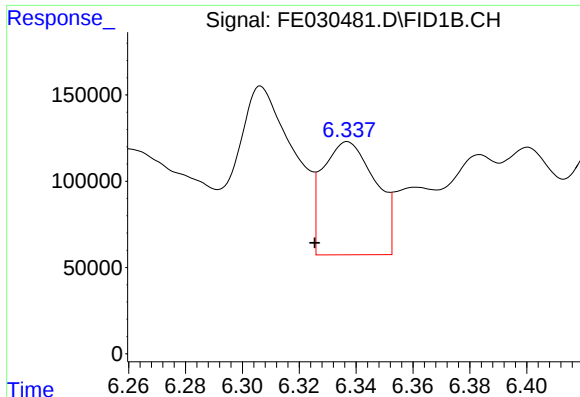
#3 N-DECANE

R.T.: 4.332 min
Delta R.T.: 0.013 min
Response: 260257
Conc: 0.93 ug/ml



#4 N-UNDECANE

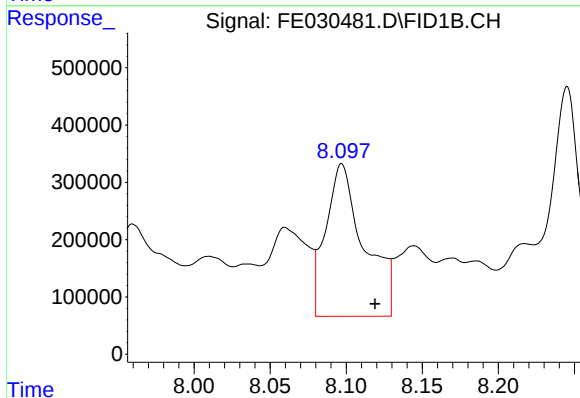
R.T.: 5.345 min
Delta R.T.: -0.002 min
Response: 1359324
Conc: 7.16 ug/ml



#5 N-DODECANE

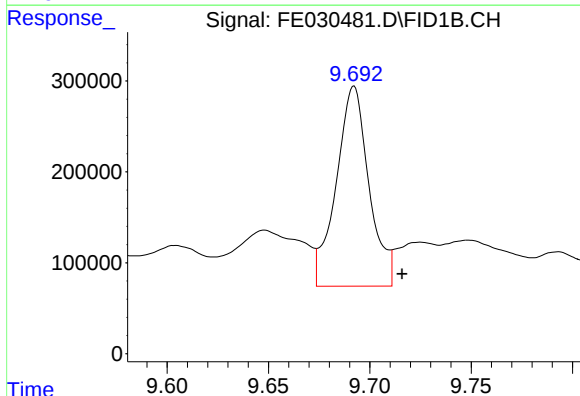
R.T.: 6.337 min
Delta R.T.: 0.012 min
Response: 844388
Conc: 4.45 ug/ml

Instrument :
FID_E
ClientSampleId :
SLUDGE-COMP



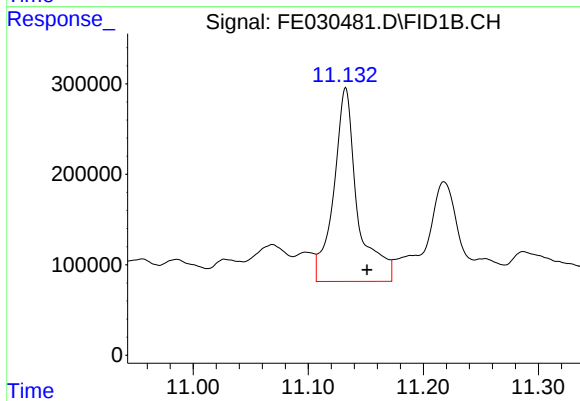
#6 N-TETRADECANE

R.T.: 8.097 min
Delta R.T.: -0.022 min
Response: 4671442
Conc: 24.19 ug/ml



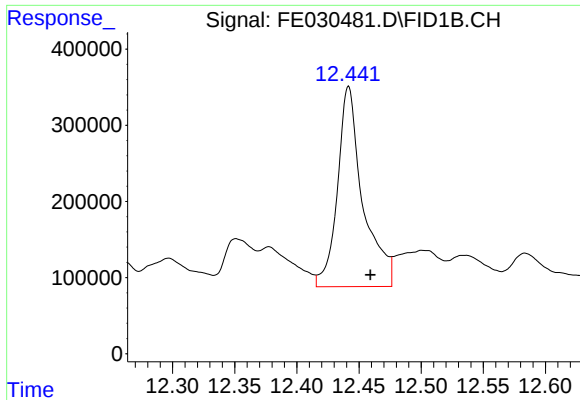
#7 N-HEXADECANE

R.T.: 9.692 min
Delta R.T.: -0.024 min
Response: 2480980
Conc: 12.77 ug/ml



#8 N-OCTADECANE

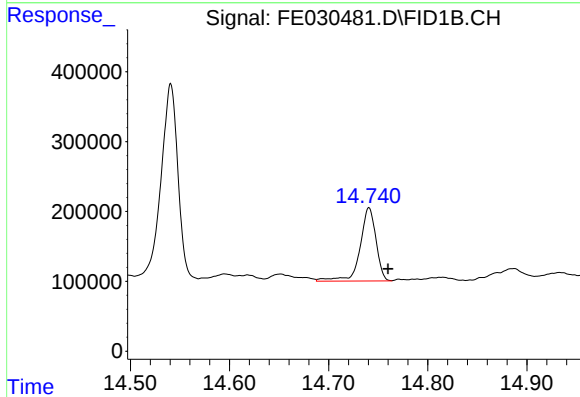
R.T.: 11.132 min
Delta R.T.: -0.019 min
Response: 3070291
Conc: 15.87 ug/ml



#9 N-EICOSANE

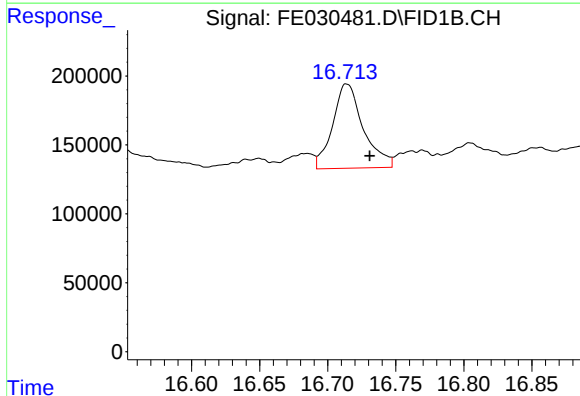
R.T.: 12.442 min
Delta R.T.: -0.018 min
Response: 3731220
Conc: 19.40 ug/ml

Instrument :
FID_E
ClientSampleId :
SLUDGE-COMP



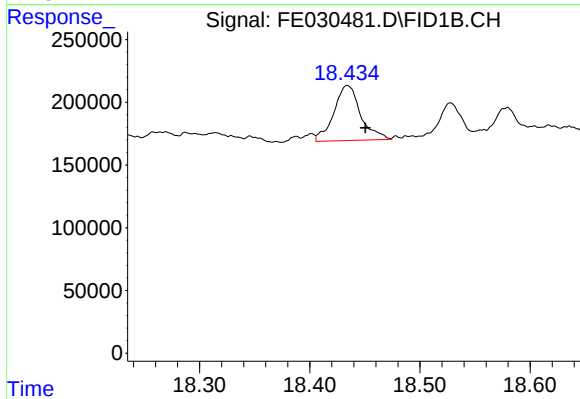
#10 N-TETRACOSANE

R.T.: 14.741 min
Delta R.T.: -0.019 min
Response: 1170039
Conc: 6.10 ug/ml



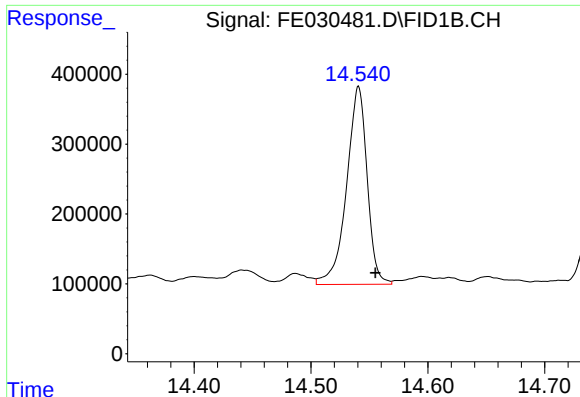
#11 N-OCTACOSANE

R.T.: 16.714 min
Delta R.T.: -0.017 min
Response: 959200
Conc: 5.10 ug/ml



#12 N-DOTRIACONTANE

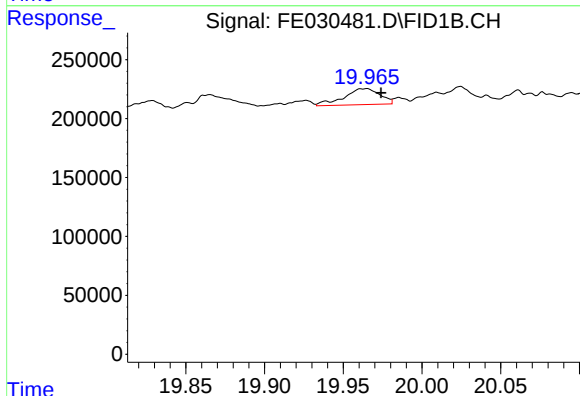
R.T.: 18.434 min
Delta R.T.: -0.016 min
Response: 740375
Conc: 4.17 ug/ml



#13 TETRACOSANE-d50 (SURROGATE)

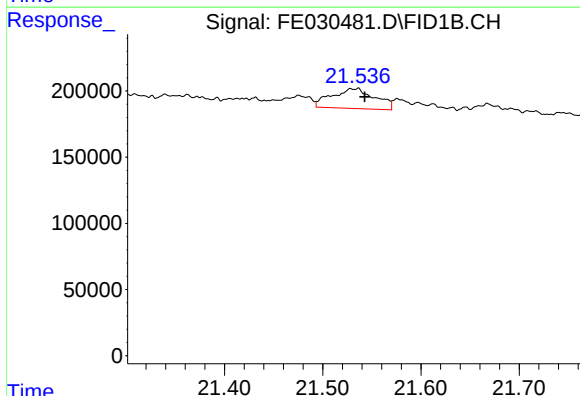
R.T.: 14.541 min
Delta R.T.: -0.014 min
Response: 3467878
Conc: 17.43 ug/ml

Instrument :
FID_E
ClientSampleId :
SLUDGE-COMP



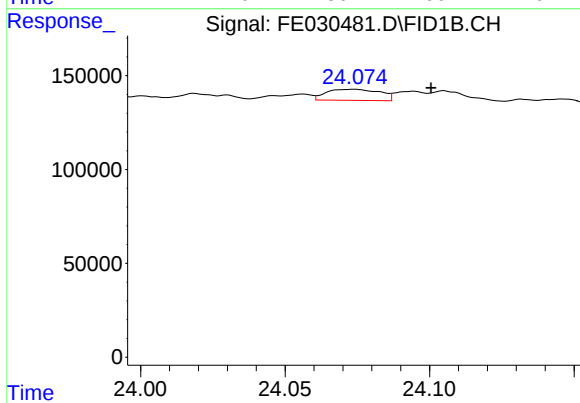
#14 N-HEXATRIACONTANE

R.T.: 19.964 min
Delta R.T.: -0.010 min
Response: 216246
Conc: 1.36 ug/ml



#15 N-TETRACONTANE

R.T.: 21.536 min
Delta R.T.: -0.007 min
Response: 458981
Conc: 3.29 ug/ml



#16 N-TETRTETRACOOCTANE

R.T.: 24.074 min
Delta R.T.: -0.027 min
Response: 75993
Conc: 0.62 ug/ml