

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE110221\
 Data File : FE034507.D
 Signal(s) : FID1B.CH
 Acq On : 02 Nov 2021 11:17
 Operator : AJ\MA
 Sample : 4400 PPM TRPH STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Manual Integrations
 APPROVED

Reviewed By :Ankita Jodhani 11/03/2021
 Supervised By :mohammad ahmed 11/05/2021

Integration File: autoint1.e
 Quant Time: Nov 02 15:15:05 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...	14.646	17983212	52.959 ug/ml
Target Compounds			
1) N-OCTANE	2.388	119623565	440.239 ug/ml
2) N-NONANE	3.381	124491972	457.259 ug/ml
3) N-DECANE	4.446	187788068	688.265 ug/ml
4) N-UNDECANE	5.478	195983914	687.544 ug/ml
5) N-DODECANE	6.459	193052841	687.128 ug/ml
6) N-TETRADECANE	8.253	188594975	681.485 ug/ml
8) N-OCTADECANE	11.270	78443104	277.031 ug/ml
9) N-EICOSANE	12.559	31202441	110.193 ug/ml
10) N-TETRACOSANE	14.858	29337471	105.168 ug/ml
11) N-OCTACOSANE	16.814	13908222	51.080 ug/ml
12) N-DOTRIACONTANE	18.532	13166706	49.120 ug/ml
14) N-HEXATRIACONTANE	20.053	12887160	51.527 ug/mlm
15) N-TETRACONTANE	21.674	10763345	47.010 ug/ml
16) N-TETRTETRACOCANE	24.407	7602655	41.448 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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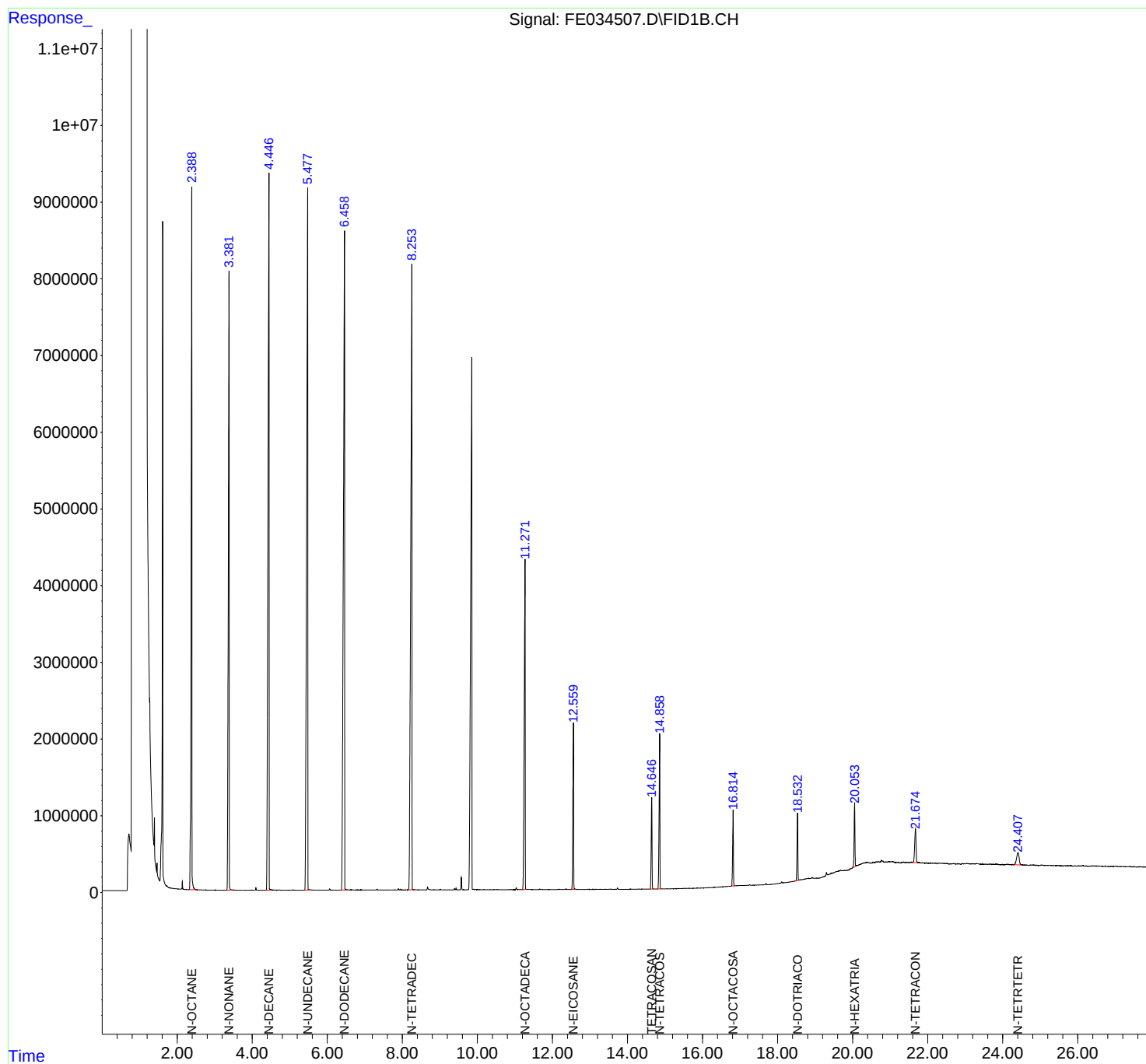
Instrument :
FID_E
ClientSampleId :

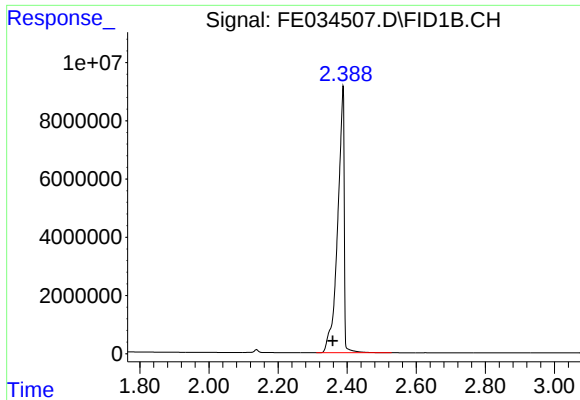
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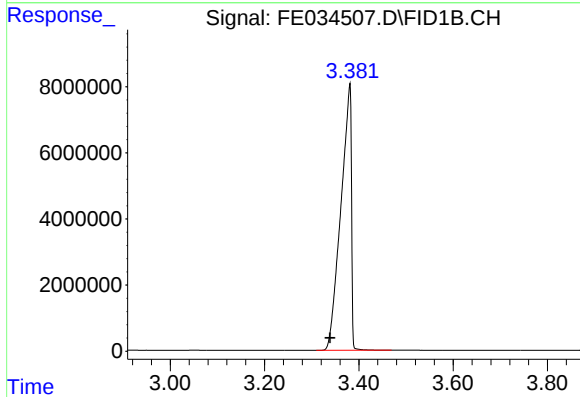
#1 N-OCTANE

R.T.: 2.388 min
Delta R.T.: 0.030 min
Response: 119623565
Conc: 440.24 ug/ml

Instrument :
FID_E
ClientSampleId :

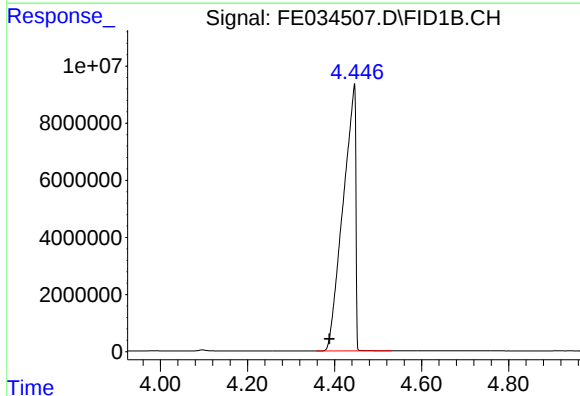
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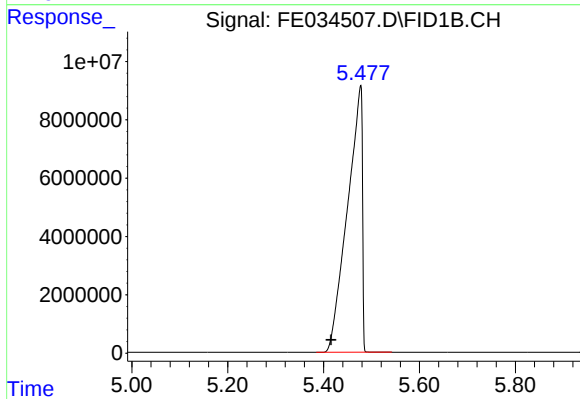
#2 N-NONANE

R.T.: 3.381 min
Delta R.T.: 0.042 min
Response: 124491972
Conc: 457.26 ug/ml



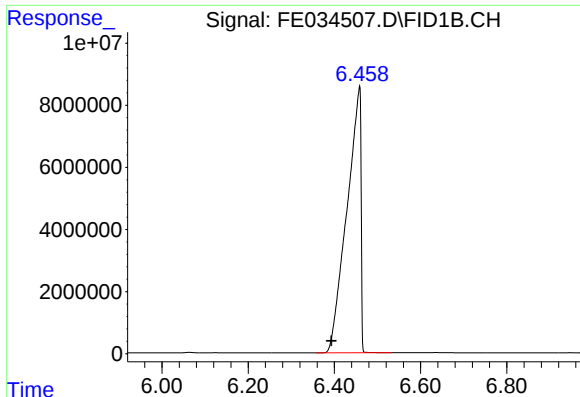
#3 N-DECANE

R.T.: 4.446 min
Delta R.T.: 0.057 min
Response: 187788068
Conc: 688.26 ug/ml



#4 N-UNDECANE

R.T.: 5.478 min
Delta R.T.: 0.062 min
Response: 195983914
Conc: 687.54 ug/ml



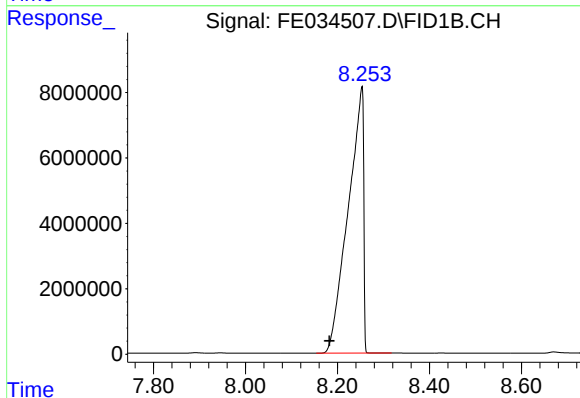
#5 N-DODECANE

R.T.: 6.459 min
Delta R.T.: 0.065 min
Response: 193052841
Conc: 687.13 ug/ml

Instrument :
FID_E
ClientSampleId :

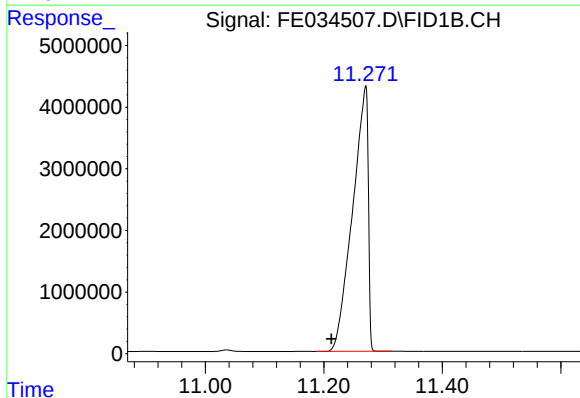
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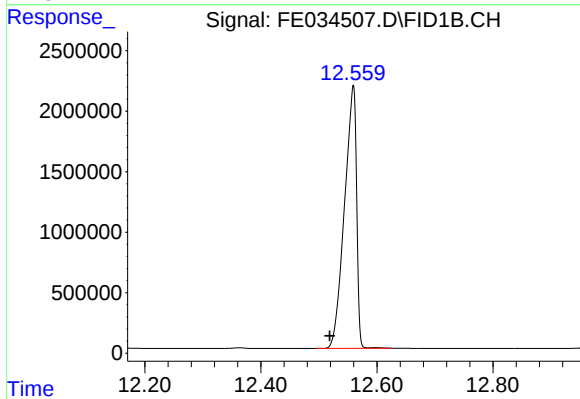
#6 N-TETRADECANE

R.T.: 8.253 min
Delta R.T.: 0.070 min
Response: 188594975
Conc: 681.48 ug/ml



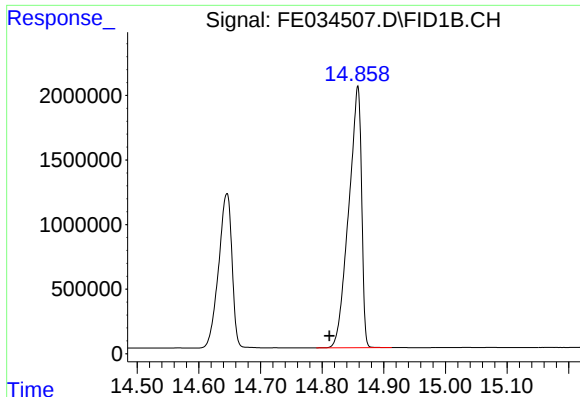
#8 N-OCTADECANE

R.T.: 11.270 min
Delta R.T.: 0.058 min
Response: 78443104
Conc: 277.03 ug/ml



#9 N-EICOSANE

R.T.: 12.559 min
Delta R.T.: 0.041 min
Response: 31202441
Conc: 110.19 ug/ml



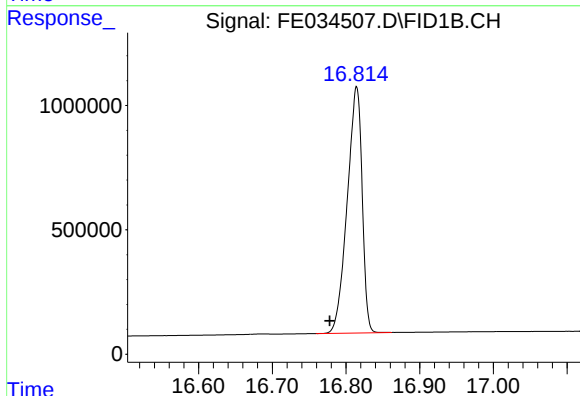
#10 N-TETRACOSANE

R.T.: 14.858 min
Delta R.T.: 0.046 min
Response: 29337471
Conc: 105.17 ug/ml

Instrument :
FID_E
ClientSampleId :

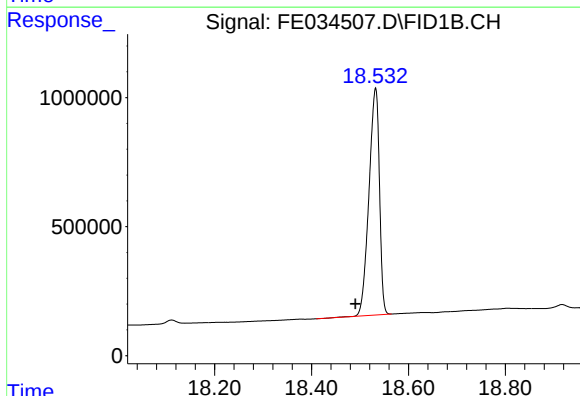
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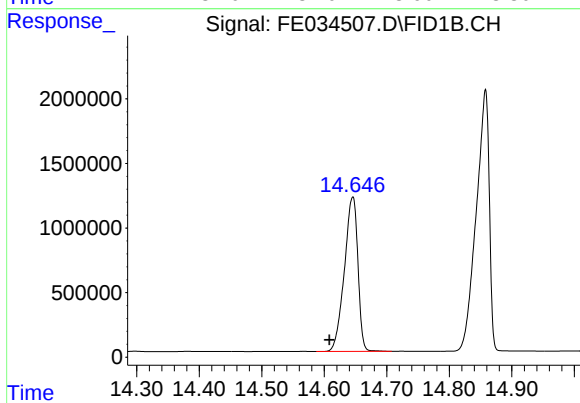
#11 N-OCTACOSANE

R.T.: 16.814 min
Delta R.T.: 0.037 min
Response: 13908222
Conc: 51.08 ug/ml



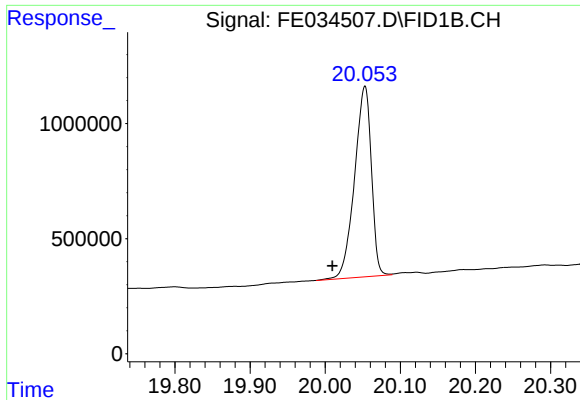
#12 N-DOTRIACONTANE

R.T.: 18.532 min
Delta R.T.: 0.042 min
Response: 13166706
Conc: 49.12 ug/ml



#13 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.646 min
Delta R.T.: 0.037 min
Response: 17983212
Conc: 52.96 ug/ml



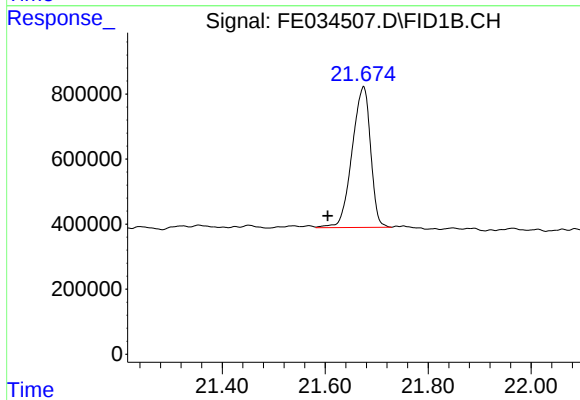
#14 N-HEXATRIACONTANE

R.T.: 20.053 min
Delta R.T.: 0.043 min
Response: 12887160
Conc: 51.53 ug/ml

Instrument :
FID_E
ClientSampleId :

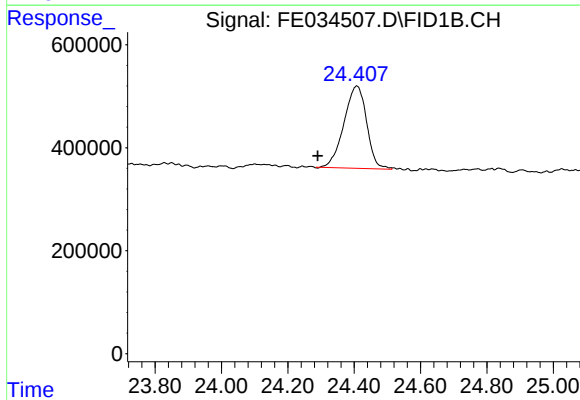
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#15 N-TETRACONTANE

R.T.: 21.674 min
Delta R.T.: 0.069 min
Response: 10763345
Conc: 47.01 ug/ml



#16 N-TETRTETRACOOCTANE

R.T.: 24.407 min
Delta R.T.: 0.116 min
Response: 7602655
Conc: 41.45 ug/ml m