

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG041422\
 Data File : FG009617.D
 Signal(s) : FID1A.ch
 Acq On : 14 Apr 2022 10:41
 Operator : AJ\MA
 Sample : 4400 PPM TRPH STD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 4400 PPM TRPH STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 04/15/2022
 Supervised By :mohammad ahmed 04/18/2022

Integration File: sample.e
 Quant Time: Apr 15 01:11:17 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\C44-FG041322.M
 Quant Title :
 QLast Update : Wed Apr 13 15:22:58 2022
 Response via : Initial Calibration
 Integrator: ChemStation

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...	14.633	8808469	54.146 ug/mlm
Target Compounds			
1) N-OCTANE	2.239	61774461	456.358 ug/ml
2) N-NONANE	3.266	66312516	465.691 ug/ml
3) N-DECANE	4.351	101075984	463.447 ug/ml
4) N-UNDECANE	5.396	105717652	694.592 ug/ml
5) N-DODECANE	6.384	103983526	688.982 ug/ml
6) N-TETRADECANE	8.186	100809715	681.942 ug/ml
7) N-HEXADECANE	9.792	83645885	562.267 ug/ml
8) N-OCTADECANE	11.225	40665961	278.174 ug/ml
9) N-EICOSANE	12.528	15867753	110.314 ug/ml
10) N-TETRACOSANE	14.841	14214648	107.943 ug/ml
11) N-OCTACOSANE	16.816	6555590	53.472 ug/ml
12) N-DOTRIACONTANE	18.544	6417367	54.238 ug/ml
14) N-HEXATRIACONTANE	20.075	6450283	55.112 ug/ml
15) N-TETRACONTANE	21.731	5332755	55.472 ug/ml
16) N-TETRTETRACOOCTANE	24.508	4014552	56.059 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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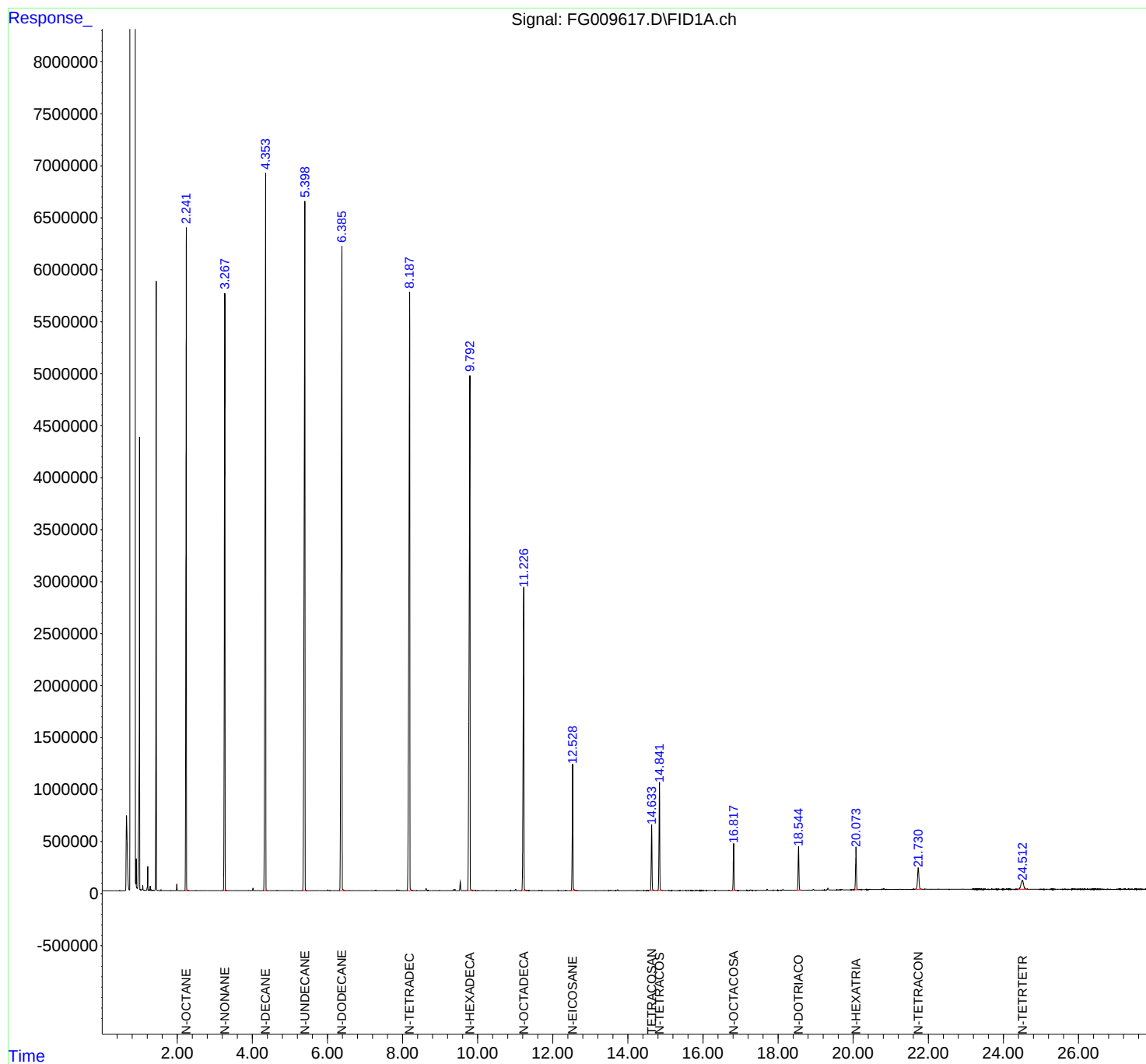
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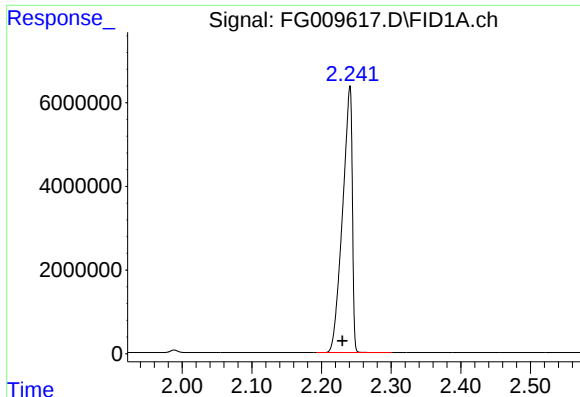
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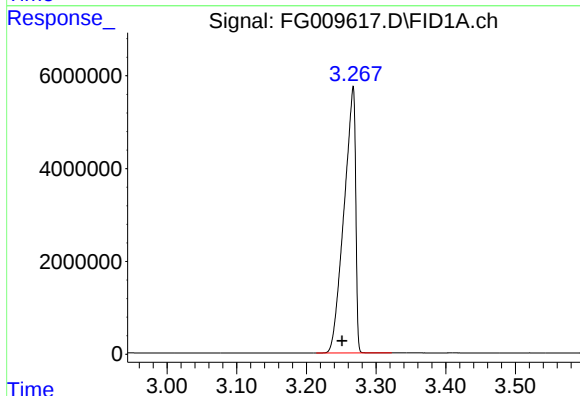
#1 N-OCTANE

R.T.: 2.239 min
Delta R.T.: 0.009 min
Response: 61774461
Conc: 456.36 ug/ml

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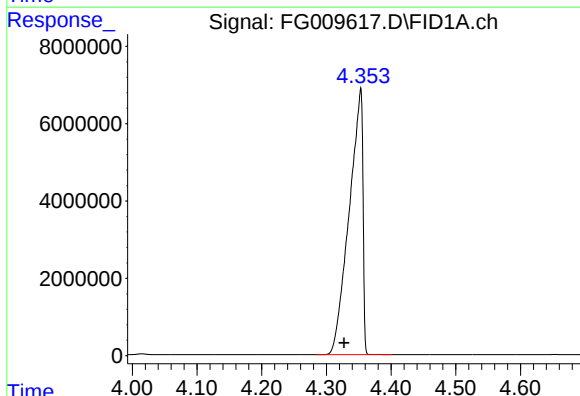
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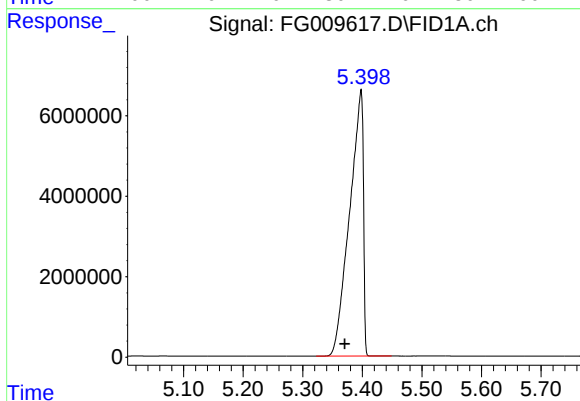
#2 N-NONANE

R.T.: 3.266 min
Delta R.T.: 0.014 min
Response: 66312516
Conc: 465.69 ug/ml



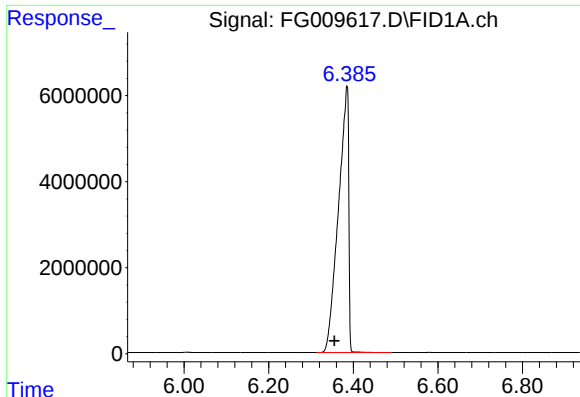
#3 N-DECANE

R.T.: 4.351 min
Delta R.T.: 0.024 min
Response: 101075984
Conc: 463.45 ug/ml



#4 N-UNDECANE

R.T.: 5.396 min
Delta R.T.: 0.026 min
Response: 105717652
Conc: 694.59 ug/ml



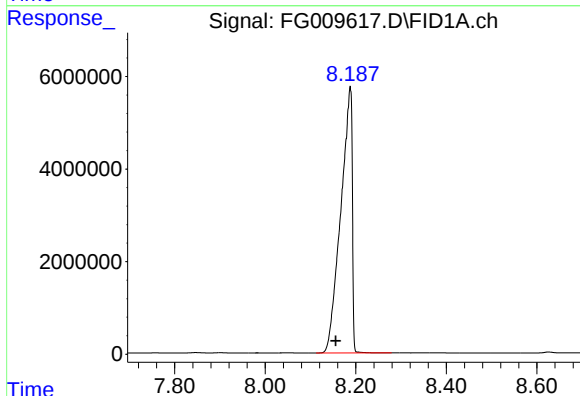
#5 N-DODECANE

R.T.: 6.384 min
Delta R.T.: 0.028 min
Response: 103983526
Conc: 688.98 ug/ml

Instrument :
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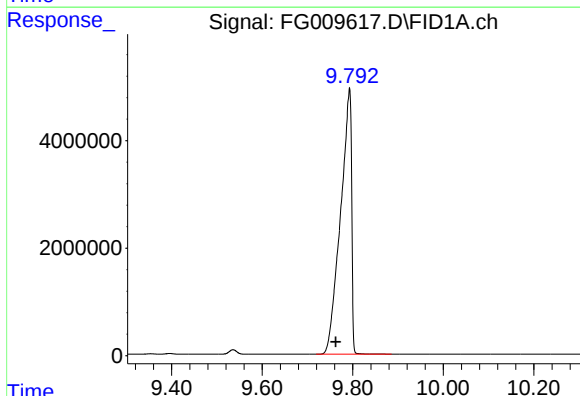
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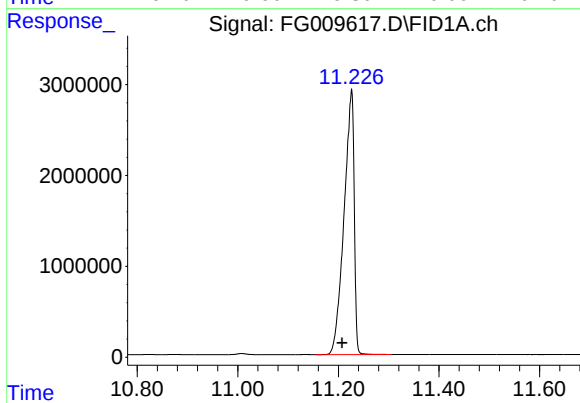
#6 N-TETRADECANE

R.T.: 8.186 min
Delta R.T.: 0.031 min
Response: 100809715
Conc: 681.94 ug/ml



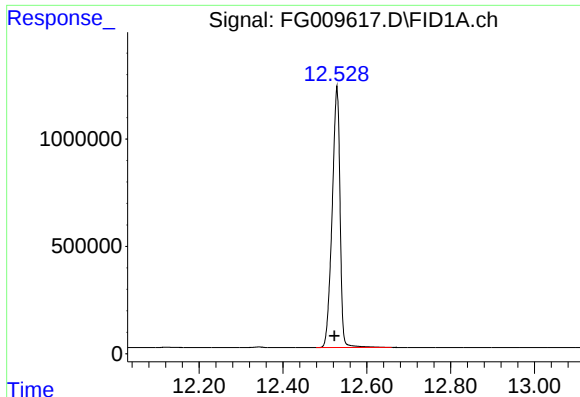
#7 N-HEXADECANE

R.T.: 9.792 min
Delta R.T.: 0.029 min
Response: 83645885
Conc: 562.27 ug/ml



#8 N-OCTADECANE

R.T.: 11.225 min
Delta R.T.: 0.017 min
Response: 40665961
Conc: 278.17 ug/ml



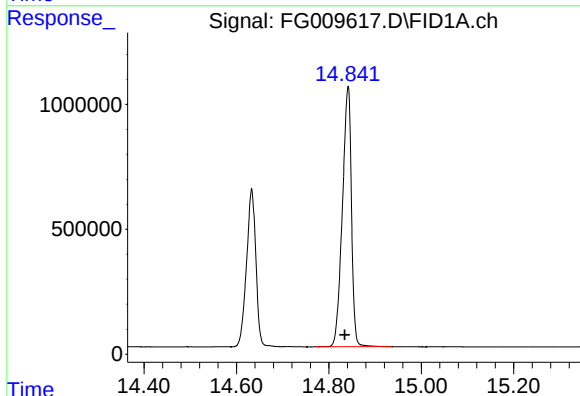
#9 N-EICOSANE

R.T.: 12.528 min
Delta R.T.: 0.005 min
Response: 15867753
Conc: 110.31 ug/ml

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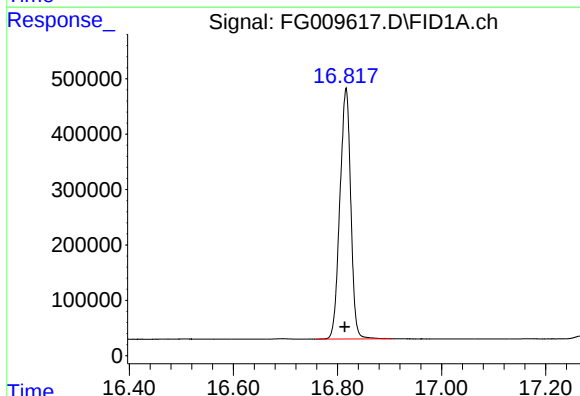
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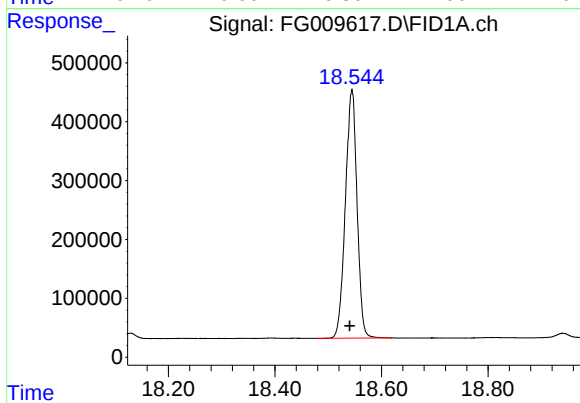
#10 N-TETRACOSANE

R.T.: 14.841 min
Delta R.T.: 0.007 min
Response: 14214648
Conc: 107.94 ug/ml



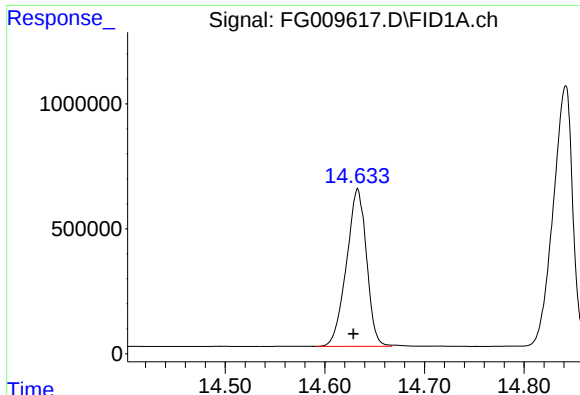
#11 N-OCTACOSANE

R.T.: 16.816 min
Delta R.T.: 0.003 min
Response: 6555590
Conc: 53.47 ug/ml



#12 N-DOTRIACONTANE

R.T.: 18.544 min
Delta R.T.: 0.004 min
Response: 6417367
Conc: 54.24 ug/ml



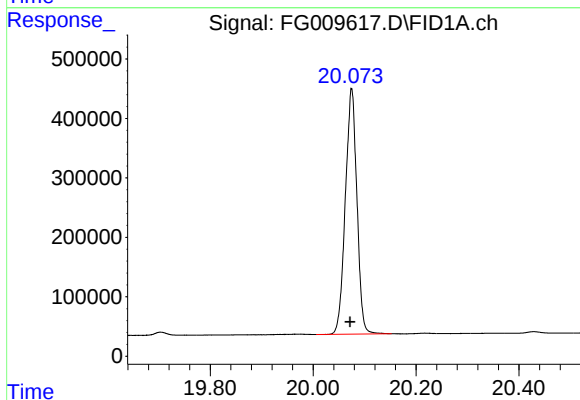
#13 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.633 min
Delta R.T.: 0.004 min
Response: 8808469
Conc: 54.15 ug/ml

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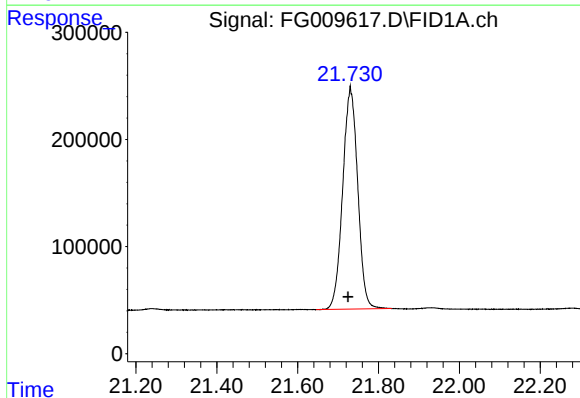
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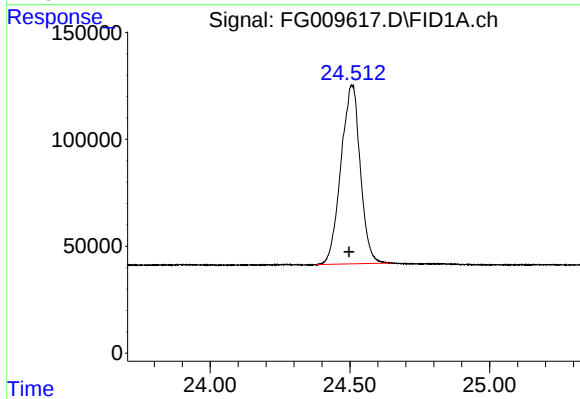
#14 N-HEXATRIACONTANE

R.T.: 20.075 min
Delta R.T.: 0.003 min
Response: 6450283
Conc: 55.11 ug/ml



#15 N-TETRACONTANE

R.T.: 21.731 min
Delta R.T.: 0.006 min
Response: 5332755
Conc: 55.47 ug/ml



#16 N-TETRTETRACOOCTANE

R.T.: 24.508 min
Delta R.T.: 0.011 min
Response: 4014552
Conc: 56.06 ug/ml