

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC032522AL\
 Data File : FC058883.D
 Signal(s) : FID1A.CH
 Acq On : 25 Mar 2022 15:31
 Operator : UA/NP
 Sample : 100 PPM ALIPHATIC HC STD1
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 100 PPM ALIPHATIC HC STD1

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 03/26/2022
 Supervised By :mohammad ahmed 03/30/2022

Integration File: autoint1.e
 Quant Time: Mar 25 23:07:55 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 032522.M
 Quant Title : GC Extractables
 QLast Update : Fri Mar 25 23:07:34 2022
 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			
9) S ortho-Terphenyl (SURR)	11.115	13054877	84.687 ug/ml
Spiked Amount 50.000		Recovery =	169.37%
12) S 1-chlorooctadecane (S...	12.561	10120428	84.533 ug/ml
Spiked Amount 50.000		Recovery =	169.07%
Target Compounds			
1) T n-Nonane (C9)	2.966	11379260	86.656 ug/ml
2) T n-Decane (C10)	4.010	11372095	86.558 ug/ml
3) T A~Naphthalene (C11.7)	5.555	12777912	92.409 ug/ml
4) T n-Dodecane (C12)	6.010	11740135	85.643 ug/ml
5) T A~2-methylnaphthalene...	6.606	12955600	93.053 ug/ml
6) T n-Tetradecane (C14)	7.795	11931775	85.764 ug/ml
7) T n-Hexadecane (C16)	9.387	11994924	84.687 ug/ml
8) T n-Octadecane (C18)	10.823	11967145	83.962 ug/ml
10) T n-Eicosane (C20)	12.125	11725259	83.669 ug/ml
11) T n-Heneicosane (C21)	12.734	11673819	83.638 ug/ml
13) T n-Docosane (C22)	13.317	11543604	83.421 ug/ml
14) T n-Tetracosane (C24)	14.413	11243463	83.393 ug/ml
15) T n-Hexacosane (C26)	15.430	10808814	83.553 ug/mlm
16) T n-Octacosane (C28)	16.374	10424339	82.328 ug/ml
17) T n-Tricontane (C30)	17.258	10003471	82.679 ug/ml
18) T n-Dotriacontane (C32)	18.087	9438219	82.808 ug/ml
19) T n-Tetratriacontane (C34)	18.868	8972291	83.549 ug/mlm
20) T n-Hexatriacontane (C36)	19.605	8537635	83.990 ug/ml
21) T n-Octatriacontane (C38)	20.303	8342848	85.168 ug/ml
22) T n-Tetracontane (C40)	21.052	8382581	84.541 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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ALS Vial : 2 Sample Multiplier: 1

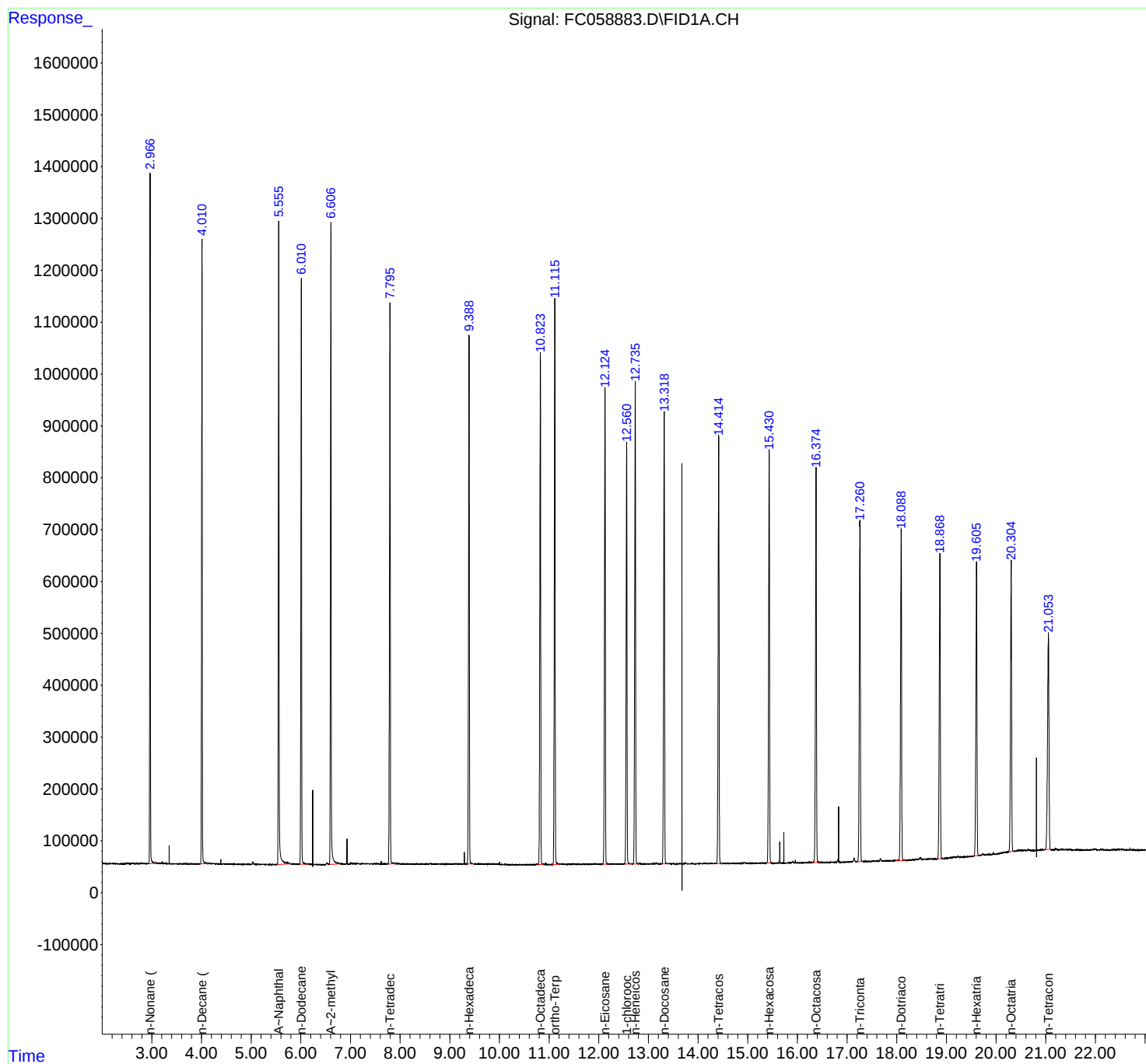
Instrument :
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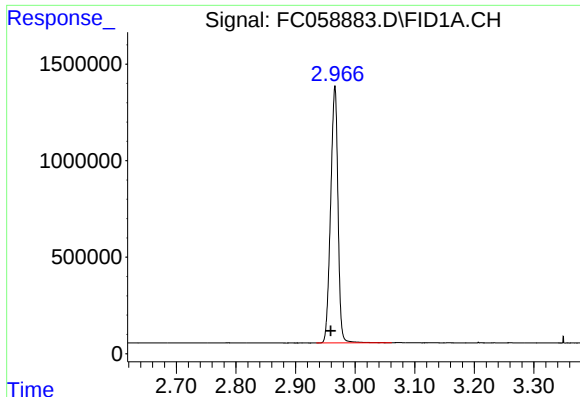
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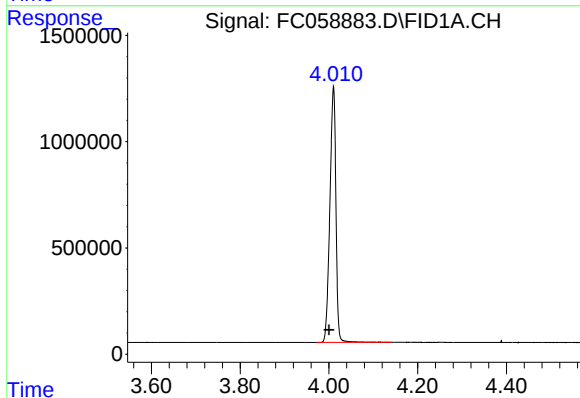
#1 n-Nonane (C9)

R.T.: 2.966 min
Delta R.T.: 0.007 min
Response: 11379260
Conc: 86.66 ug/ml

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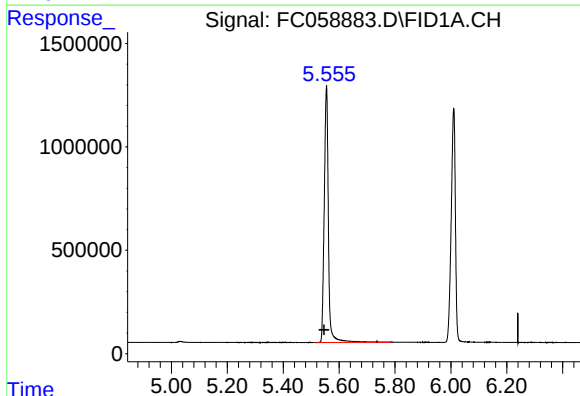
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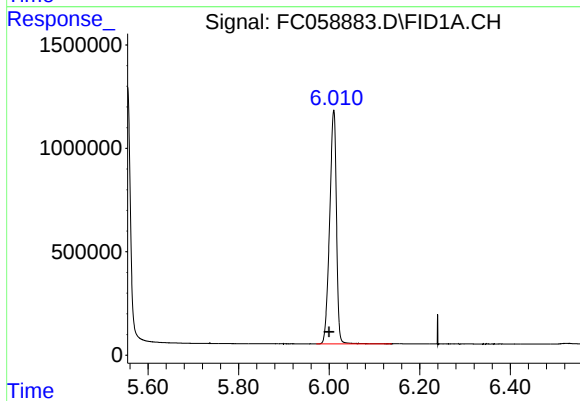
#2 n-Decane (C10)

R.T.: 4.010 min
Delta R.T.: 0.009 min
Response: 11372095
Conc: 86.56 ug/ml



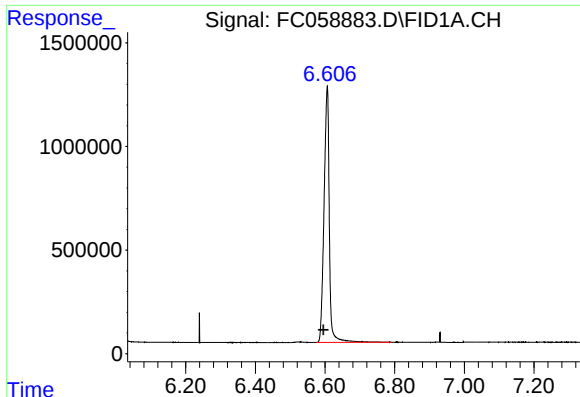
#3 A~Naphthalene (C11.7)

R.T.: 5.555 min
Delta R.T.: 0.008 min
Response: 12777912
Conc: 92.41 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.010 min
Delta R.T.: 0.010 min
Response: 11740135
Conc: 85.64 ug/ml



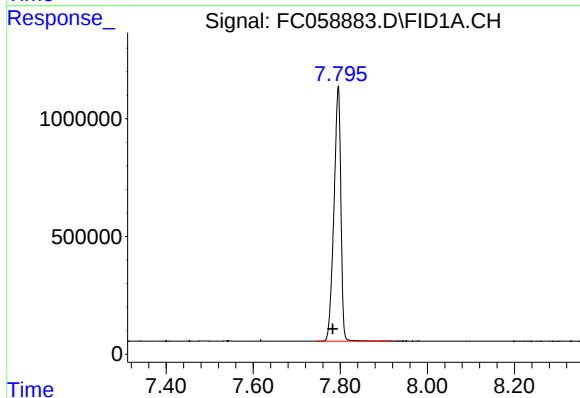
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.606 min
Delta R.T.: 0.010 min
Response: 12955600
Conc: 93.05 ug/ml

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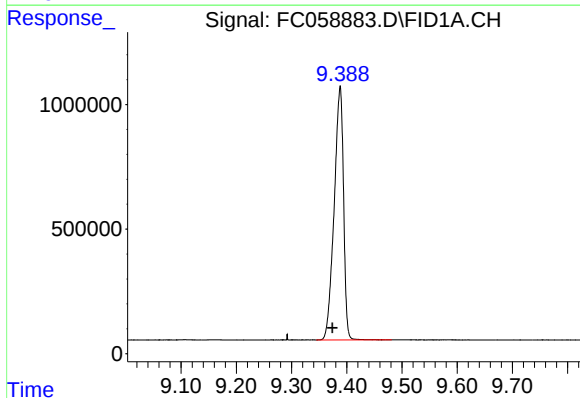
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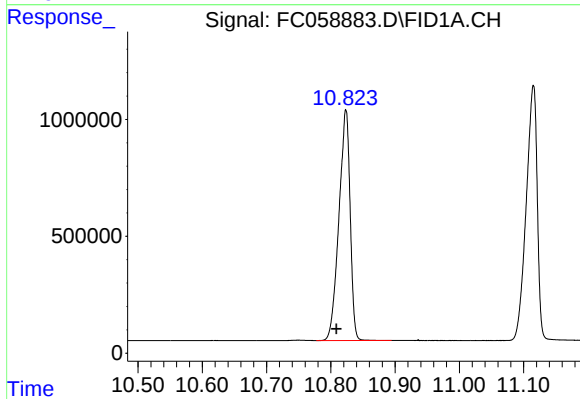
#6 n-Tetradecane (C14)

R.T.: 7.795 min
Delta R.T.: 0.012 min
Response: 11931775
Conc: 85.76 ug/ml



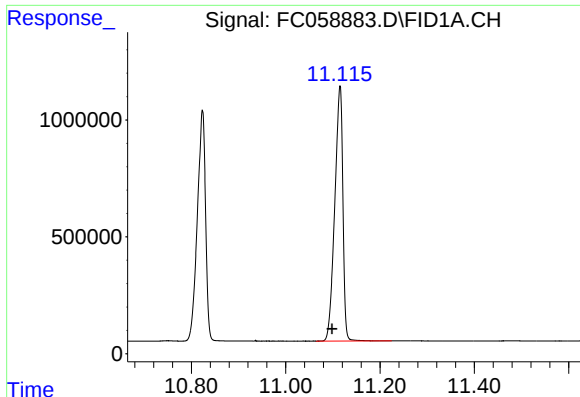
#7 n-Hexadecane (C16)

R.T.: 9.387 min
Delta R.T.: 0.013 min
Response: 11994924
Conc: 84.69 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.823 min
Delta R.T.: 0.015 min
Response: 11967145
Conc: 83.96 ug/ml



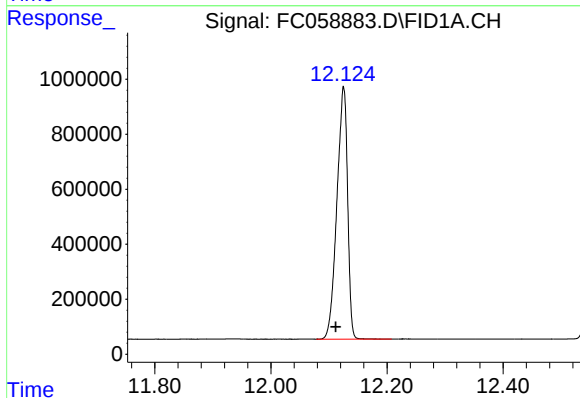
#9 ortho-Terphenyl (SURR)

R.T.: 11.115 min
Delta R.T.: 0.016 min
Response: 13054877
Conc: 84.69 ug/ml

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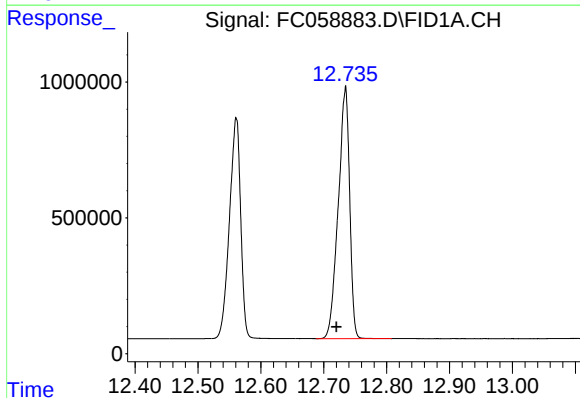
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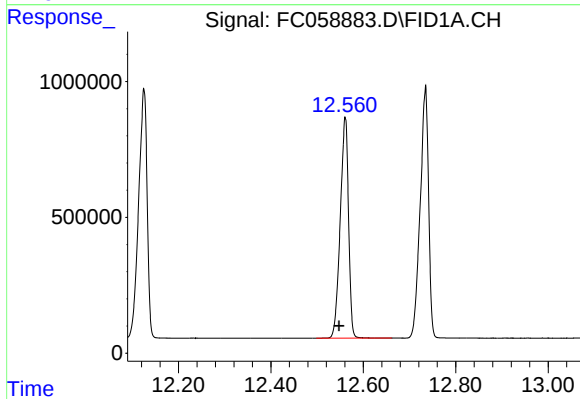
#10 n-Eicosane (C20)

R.T.: 12.125 min
Delta R.T.: 0.013 min
Response: 11725259
Conc: 83.67 ug/ml



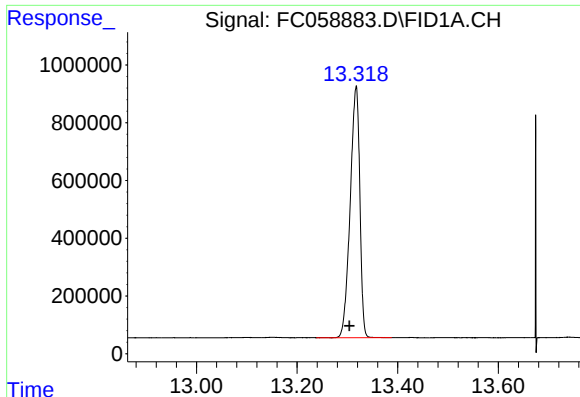
#11 n-Heneicosane (C21)

R.T.: 12.734 min
Delta R.T.: 0.014 min
Response: 11673819
Conc: 83.64 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.561 min
Delta R.T.: 0.013 min
Response: 10120428
Conc: 84.53 ug/ml



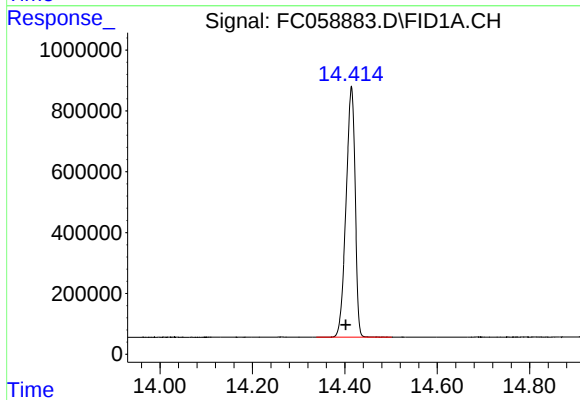
#13 n-Docosane (C22)

R.T.: 13.317 min
Delta R.T.: 0.013 min
Response: 11543604
Conc: 83.42 ug/ml

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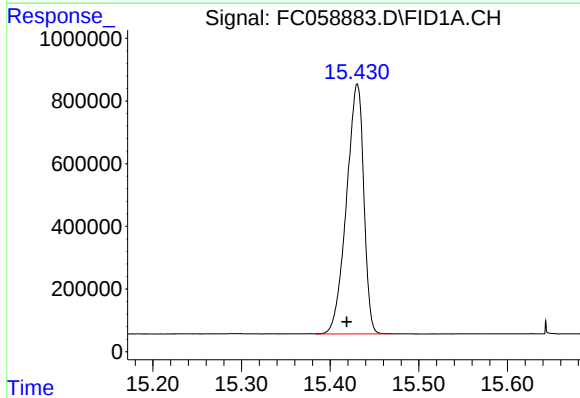
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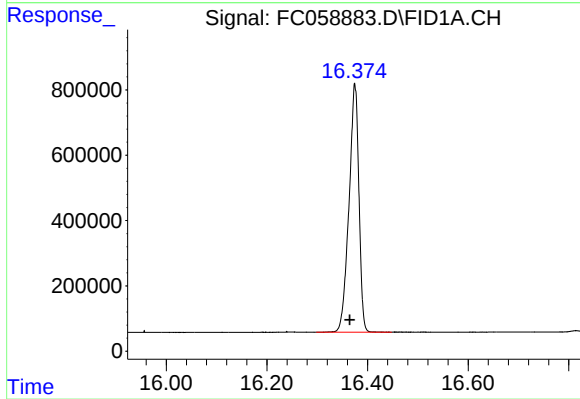
#14 n-Tetracosane (C24)

R.T.: 14.413 min
Delta R.T.: 0.011 min
Response: 11243463
Conc: 83.39 ug/ml



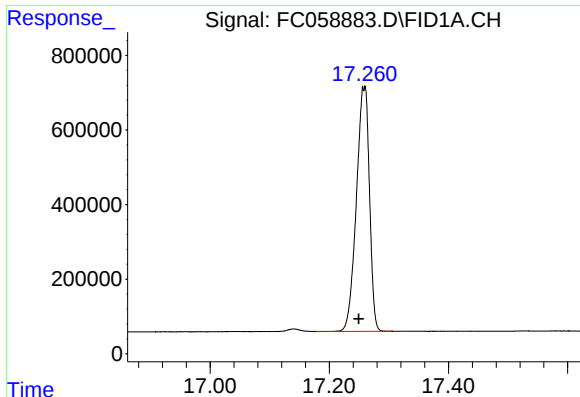
#15 n-Hexacosane (C26)

R.T.: 15.430 min
Delta R.T.: 0.012 min
Response: 10808814
Conc: 83.55 ug/ml m



#16 n-Octacosane (C28)

R.T.: 16.374 min
Delta R.T.: 0.009 min
Response: 10424339
Conc: 82.33 ug/ml



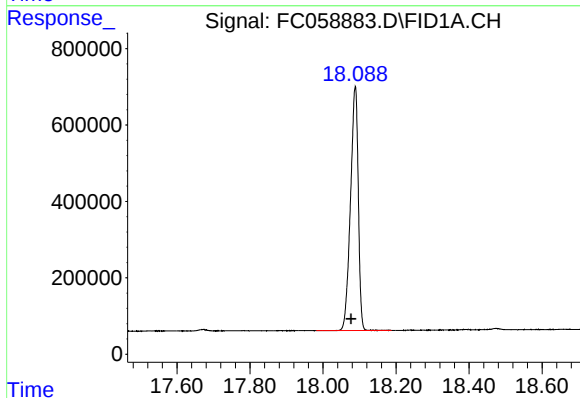
#17 n-Tricontane (C30)

R.T.: 17.258 min
Delta R.T.: 0.008 min
Response: 10003471
Conc: 82.68 ug/ml

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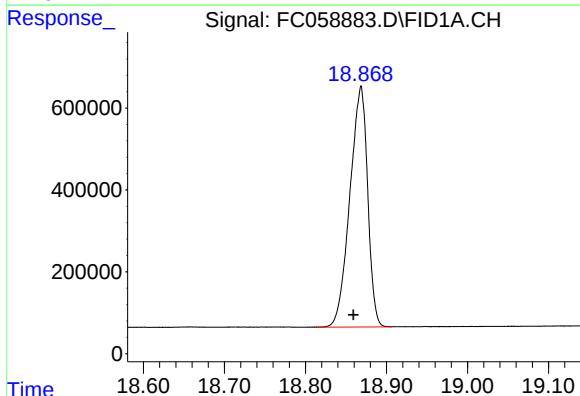
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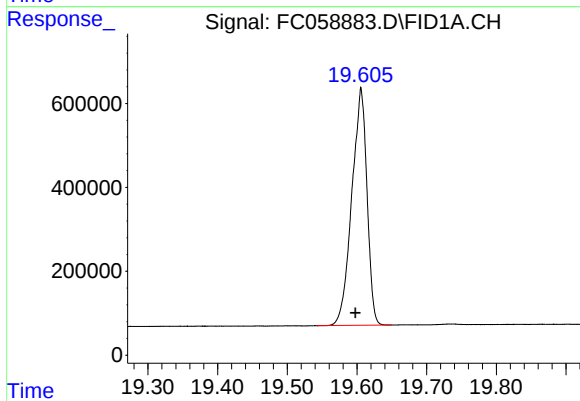
#18 n-Dotriacontane (C32)

R.T.: 18.087 min
Delta R.T.: 0.010 min
Response: 9438219
Conc: 82.81 ug/ml



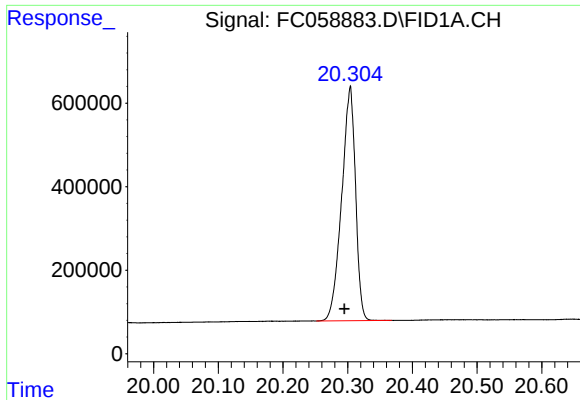
#19 n-Tetratriacontane (C34)

R.T.: 18.868 min
Delta R.T.: 0.009 min
Response: 8972291
Conc: 83.55 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 19.605 min
Delta R.T.: 0.007 min
Response: 8537635
Conc: 83.99 ug/ml



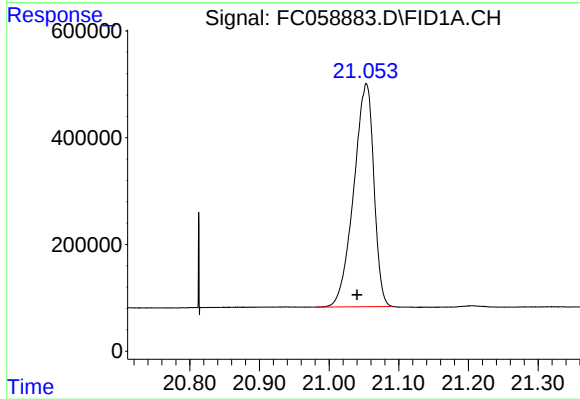
#21 n-Octatriacontane (C38)

R.T.: 20.303 min
Delta R.T.: 0.008 min
Response: 8342848
Conc: 85.17 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.052 min
Delta R.T.: 0.012 min
Response: 8382581
Conc: 84.54 ug/ml