

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC042821AL\
 Data File : FC053458.D
 Signal(s) : FID1A.CH
 Acq On : 28 Apr 2021 10:26
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

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 4/29/2021 1:06:19 PM

Integration File: sample.E
 Quant Time: Apr 28 15:29:29 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 042021.M
 Quant Title : GC Extractables
 QLast Update : Wed Apr 21 11:02:12 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			
9) S ortho-Terphenyl (SURR)	11.545	2581962	18.656 ug/ml
Spiked Amount 50.000		Recovery =	37.31%
12) S 1-chlorooctadecane (S...	12.986	1975139	18.249 ug/ml
Spiked Amount 50.000		Recovery =	36.50%
Target Compounds			
1) T n-Nonane (C9)	3.299	2515848	21.686 ug/ml
2) T n-Decane (C10)	4.365	2573192	21.987 ug/ml
3) T A~Naphthalene (C11.7)	5.951	2810561	21.604 ug/ml
4) T n-Dodecane (C12)	6.386	2633260	22.066 ug/ml
5) T A~2-methylnaphthalene...	7.010	2866327	21.685 ug/ml
6) T n-Tetradecane (C14)	8.184	2598598	21.352 ug/ml
7) T n-Hexadecane (C16)	9.787	2516979	20.918 ug/ml
8) T n-Octadecane (C18)	11.231	2525066	19.927 ug/ml
10) T n-Eicosane (C20)	12.542	2431387	18.960 ug/ml
11) T n-Heneicosane (C21)	13.154	2360803	18.382 ug/ml
13) T n-Docosane (C22)	13.741	2351113	18.243 ug/ml
14) T n-Tetracosane (C24)	14.845	2330494	18.044 ug/ml
15) T n-Hexacosane (C26)	15.868	2288129	17.804 ug/ml
16) T n-Octacosane (C28)	16.819	2290832	17.689 ug/ml
17) T n-Tricontane (C30)	17.708	2286090	16.977 ug/ml
18) T n-Dotriacontane (C32)	18.542	2237416	16.314 ug/ml
19) T n-Tetratriacontane (C34)	19.326	2153020	16.499 ug/ml
20) T n-Hexatriacontane (C36)	20.067	2056350	16.984 ug/mlm
21) T n-Octatriacontane (C38)	20.800	1934283	18.357 ug/ml
22) T n-Tetracontane (C40)	21.702	2007551	19.174 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : DD\AJ
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 2 Sample Multiplier: 1

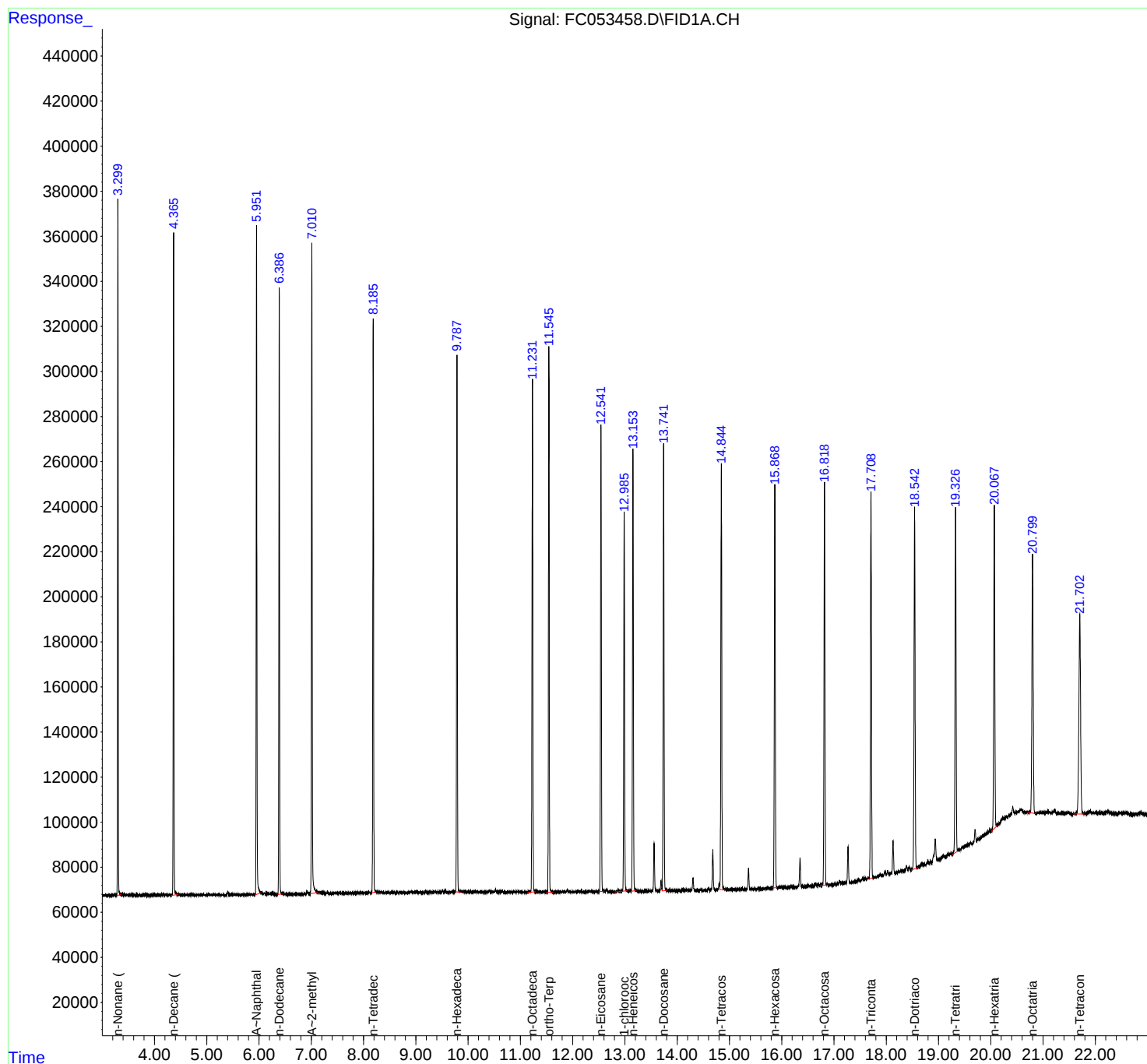
Instrument :
FID_C
ClientSampled :
20 PPM ALIPHATIC HC STD

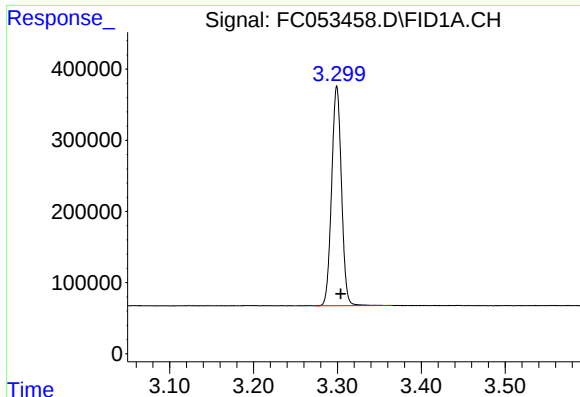
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Integration File: sample.E
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Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 042021.M
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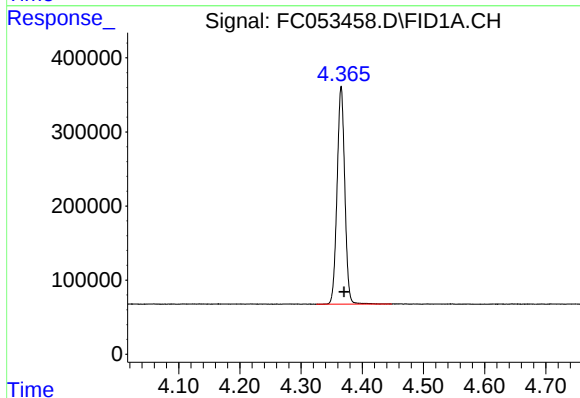
#1 n-Nonane (C9)

R.T.: 3.299 min
Delta R.T.: -0.005 min
Response: 2515848
Conc: 21.69 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

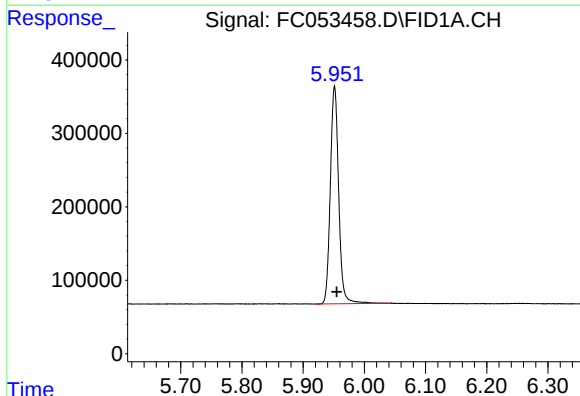
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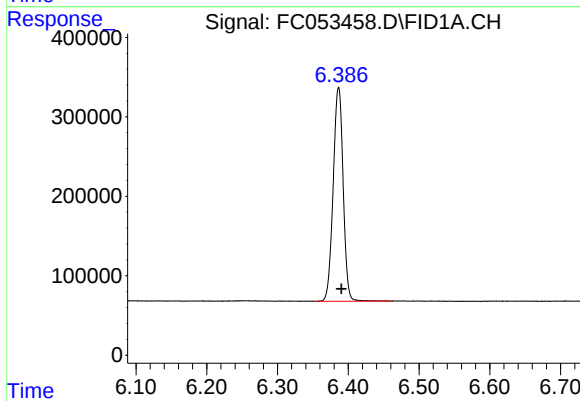
#2 n-Decane (C10)

R.T.: 4.365 min
Delta R.T.: -0.005 min
Response: 2573192
Conc: 21.99 ug/ml



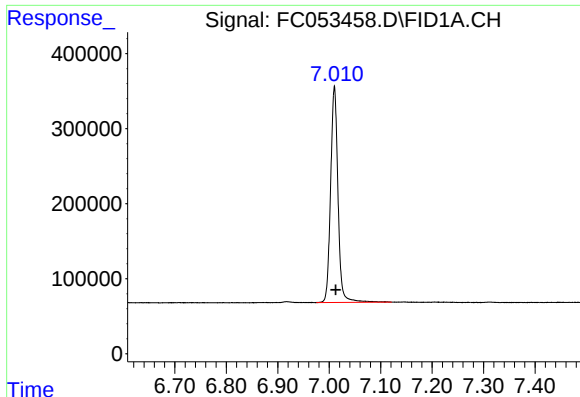
#3 A~Naphthalene (C11.7)

R.T.: 5.951 min
Delta R.T.: -0.003 min
Response: 2810561
Conc: 21.60 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.386 min
Delta R.T.: -0.004 min
Response: 2633260
Conc: 22.07 ug/ml



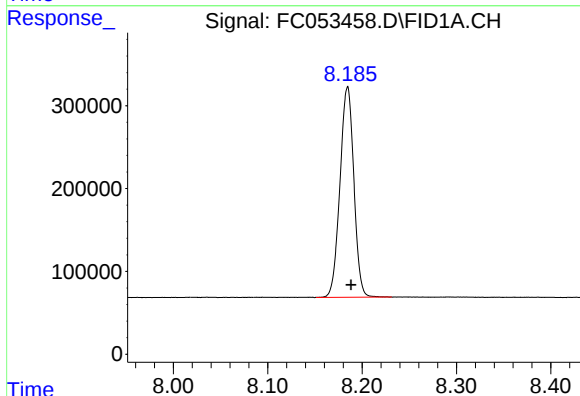
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.010 min
Delta R.T.: -0.003 min
Response: 2866327
Conc: 21.69 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

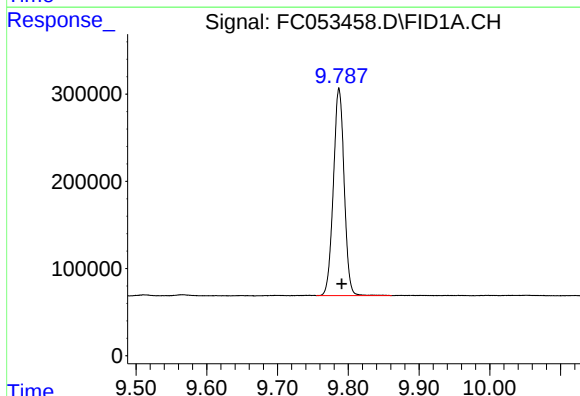
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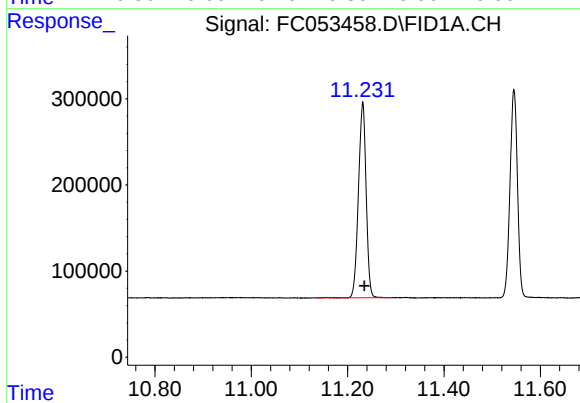
#6 n-Tetradecane (C14)

R.T.: 8.184 min
Delta R.T.: -0.004 min
Response: 2598598
Conc: 21.35 ug/ml



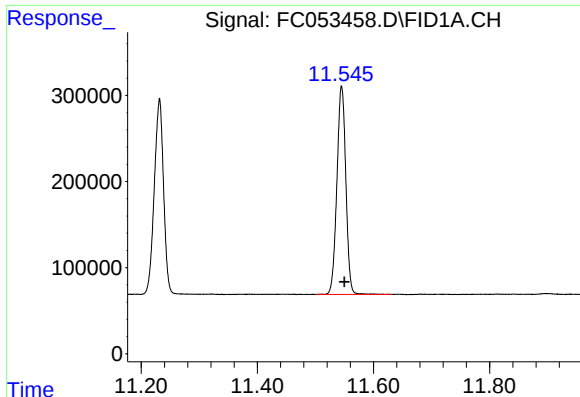
#7 n-Hexadecane (C16)

R.T.: 9.787 min
Delta R.T.: -0.004 min
Response: 2516979
Conc: 20.92 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.231 min
Delta R.T.: -0.004 min
Response: 2525066
Conc: 19.93 ug/ml



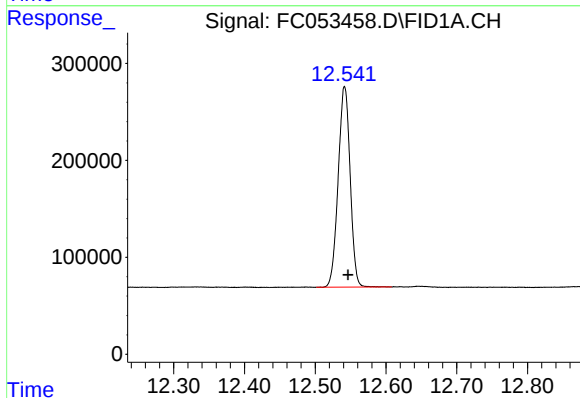
#9 ortho-Terphenyl (SURR)

R.T.: 11.545 min
Delta R.T.: -0.004 min
Response: 2581962
Conc: 18.66 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

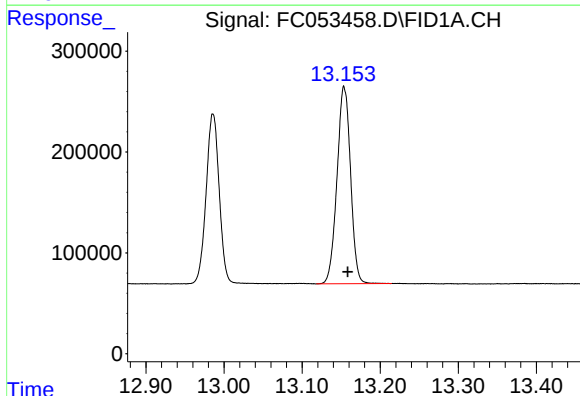
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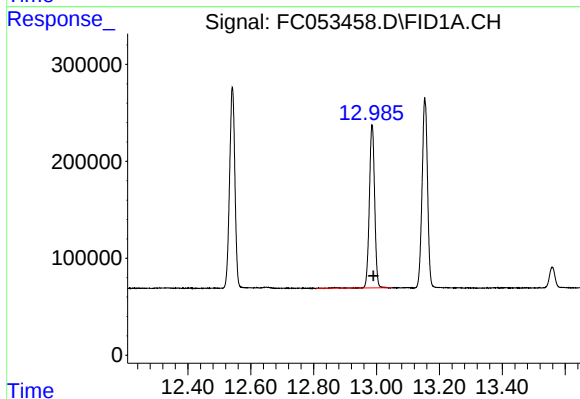
#10 n-Eicosane (C20)

R.T.: 12.542 min
Delta R.T.: -0.005 min
Response: 2431387
Conc: 18.96 ug/ml



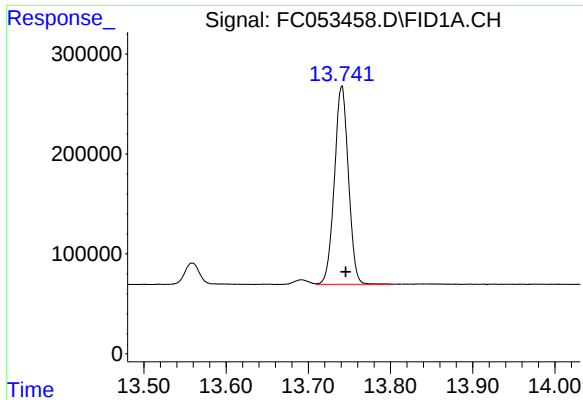
#11 n-Heneicosane (C21)

R.T.: 13.154 min
Delta R.T.: -0.004 min
Response: 2360803
Conc: 18.38 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.986 min
Delta R.T.: -0.004 min
Response: 1975139
Conc: 18.25 ug/ml



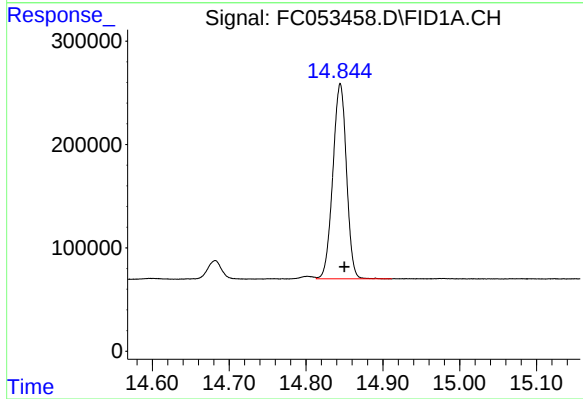
#13 n-Docosane (C22)

R.T.: 13.741 min
Delta R.T.: -0.005 min
Response: 2351113
Conc: 18.24 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

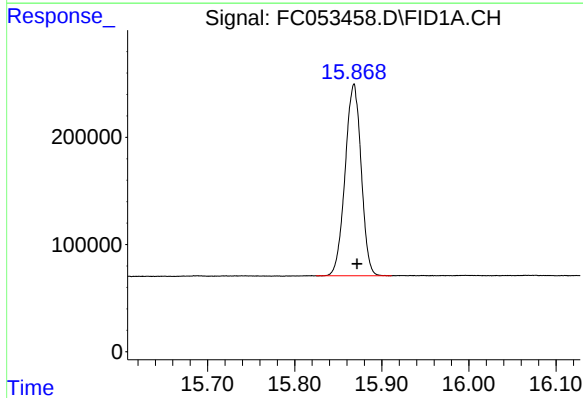
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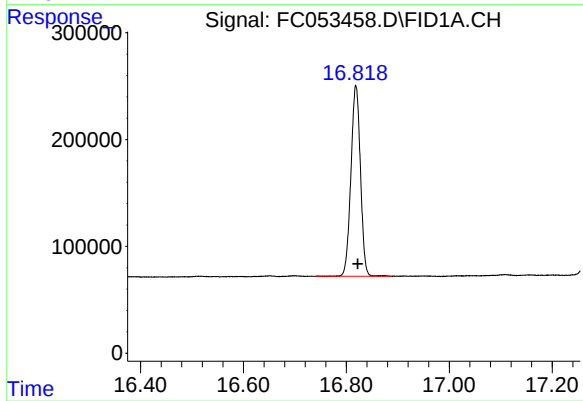
#14 n-Tetracosane (C24)

R.T.: 14.845 min
Delta R.T.: -0.005 min
Response: 2330494
Conc: 18.04 ug/ml



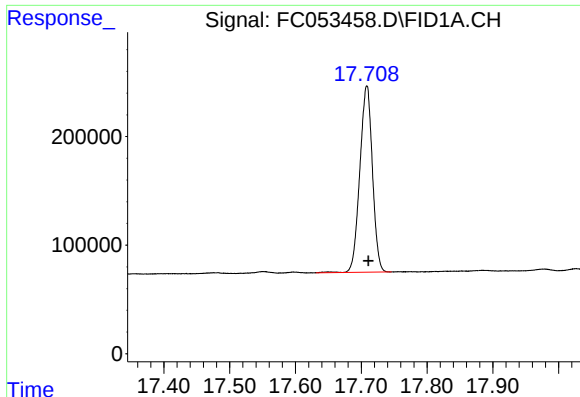
#15 n-Hexacosane (C26)

R.T.: 15.868 min
Delta R.T.: -0.004 min
Response: 2288129
Conc: 17.80 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.819 min
Delta R.T.: -0.003 min
Response: 2290832
Conc: 17.69 ug/ml



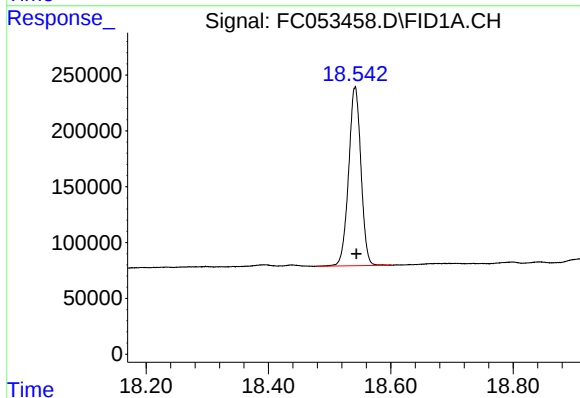
#17 n-Tricontane (C30)

R.T.: 17.708 min
Delta R.T.: -0.003 min
Response: 2286090
Conc: 16.98 ug/ml

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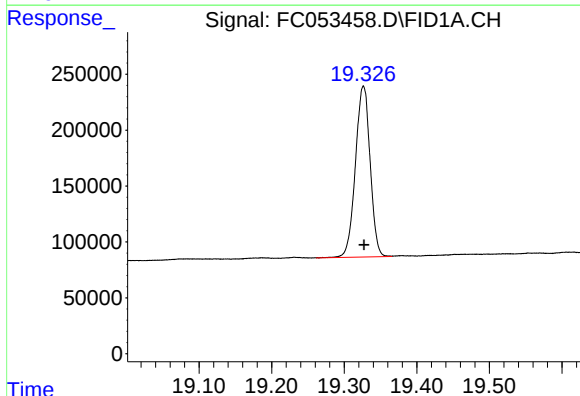
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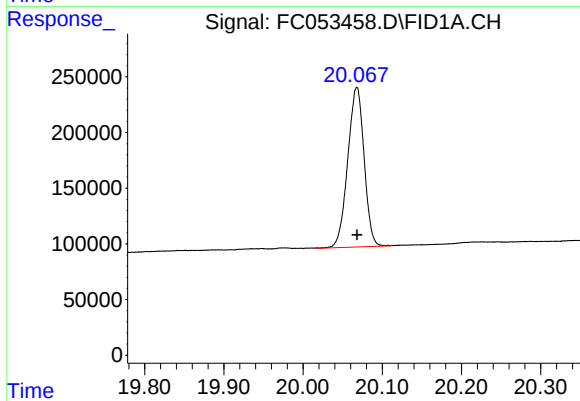
#18 n-Dotriacontane (C32)

R.T.: 18.542 min
Delta R.T.: -0.002 min
Response: 2237416
Conc: 16.31 ug/ml



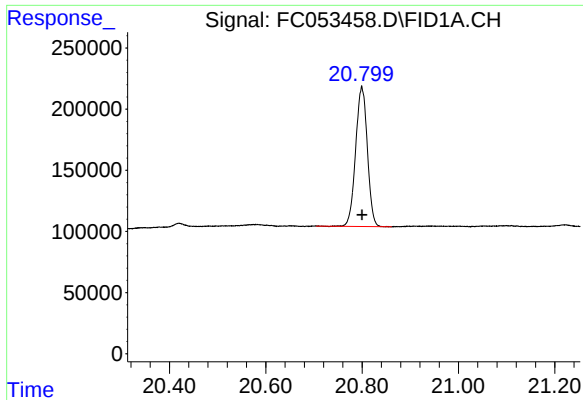
#19 n-Tetratriacontane (C34)

R.T.: 19.326 min
Delta R.T.: 0.000 min
Response: 2153020
Conc: 16.50 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.067 min
Delta R.T.: 0.000 min
Response: 2056350
Conc: 16.98 ug/ml m



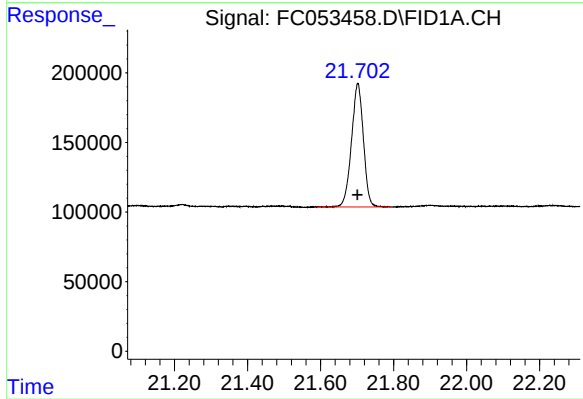
#21 n-Octatriacontane (C38)

R.T.: 20.800 min
Delta R.T.: 0.000 min
Response: 1934283
Conc: 18.36 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.702 min
Delta R.T.: 0.000 min
Response: 2007551
Conc: 19.17 ug/ml