

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC031221AL\
 Data File : FC052410.D
 Signal(s) : FID1A.CH
 Acq On : 13 Mar 2021 4:49
 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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 3/15/2021 1:13:30 PM

Integration File: autoint1.e
 Quant Time: Mar 13 05:47:30 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 030321.M
 Quant Title : GC Extractables
 QLast Update : Thu Mar 04 03:56:17 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)	11.608	2407329	18.254 ug/ml
Spiked Amount 50.000		Recovery =	36.51%
12) S 1-chlorooctadecane (S...	13.047	1875581	18.034 ug/ml
Spiked Amount 50.000		Recovery =	36.07%
Target Compounds			
1) T n-Nonane (C9)	3.351	2355514	19.983 ug/ml
2) T n-Decane (C10)	4.421	2373698	19.986 ug/ml
3) T A~Naphthalene (C11.7)	6.012	2652218	19.975 ug/ml
4) T n-Dodecane (C12)	6.444	2419194	20.012 ug/ml
5) T A~2-methylnaphthalene...	7.071	2690608	19.823 ug/ml
6) T n-Tetradecane (C14)	8.243	2404097	19.829 ug/ml
7) T n-Hexadecane (C16)	9.846	2333994	19.507 ug/ml
8) T n-Octadecane (C18)	11.290	2356616	19.038 ug/ml
10) T n-Eicosane (C20)	12.601	2280036	18.504 ug/ml
11) T n-Heneicosane (C21)	13.213	2220957	18.194 ug/ml
13) T n-Docosane (C22)	13.801	2156360	17.922 ug/ml
14) T n-Tetracosane (C24)	14.904	2048911	17.574 ug/ml
15) T n-Hexacosane (C26)	15.926	1921749	17.494 ug/ml
16) T n-Octacosane (C28)	16.876	1851839	18.067 ug/ml
17) T n-Tricontane (C30)	17.765	1800881	19.130 ug/ml
18) T n-Dotriacontane (C32)	18.596	1698820	19.897 ug/ml
19) T n-Tetratriacontane (C34)	19.381	1609596	20.761 ug/ml
20) T n-Hexatriacontane (C36)	20.120	1520992	21.167 ug/mlm
21) T n-Octatriacontane (C38)	20.862	1454343	21.231 ug/ml
22) T n-Tetracontane (C40)	21.787	1472854	20.482 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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

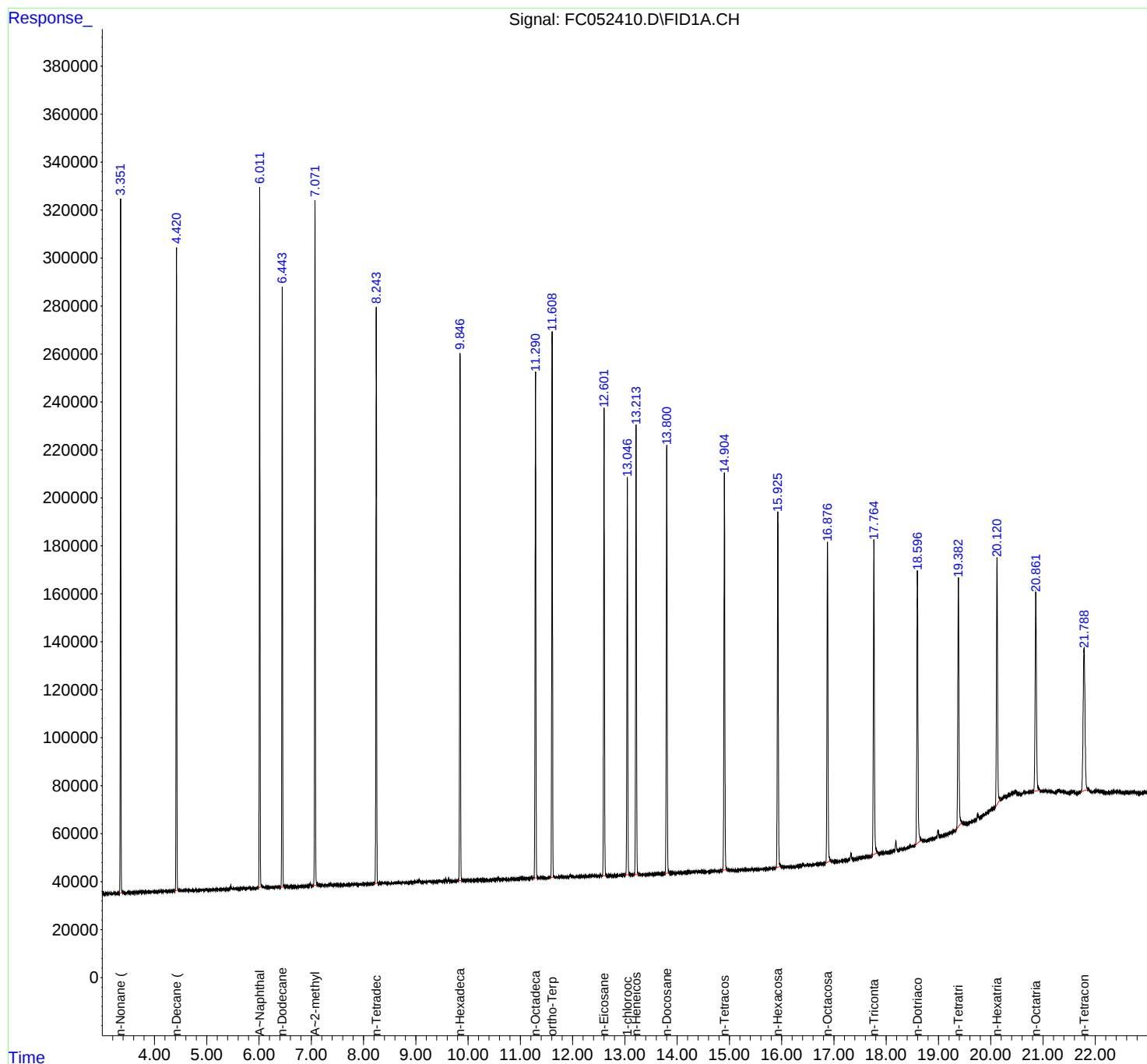
Instrument :
FID_C
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20 PPM ALIPHATIC HC STD

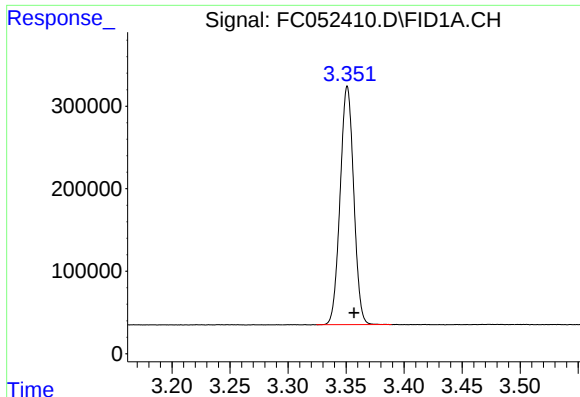
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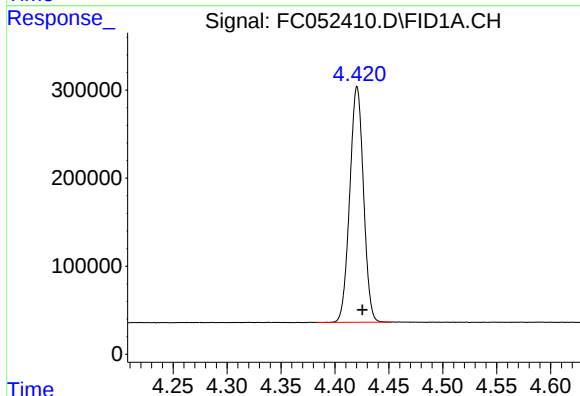
#1 n-Nonane (C9)

R.T.: 3.351 min
Delta R.T.: -0.006 min
Response: 2355514
Conc: 19.98 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

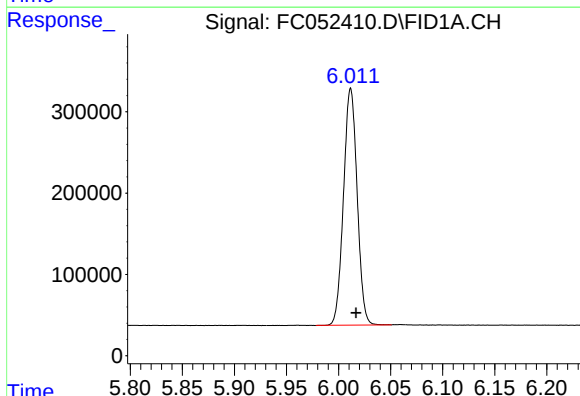
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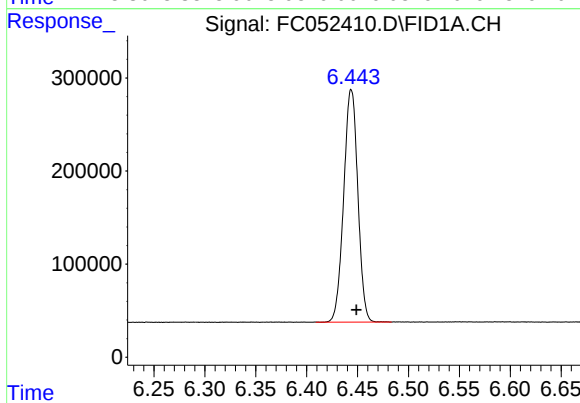
#2 n-Decane (C10)

R.T.: 4.421 min
Delta R.T.: -0.005 min
Response: 2373698
Conc: 19.99 ug/ml



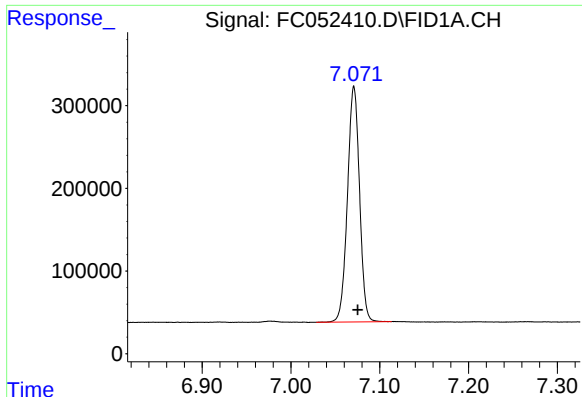
#3 A~Naphthalene (C11.7)

R.T.: 6.012 min
Delta R.T.: -0.005 min
Response: 2652218
Conc: 19.97 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.444 min
Delta R.T.: -0.005 min
Response: 2419194
Conc: 20.01 ug/ml



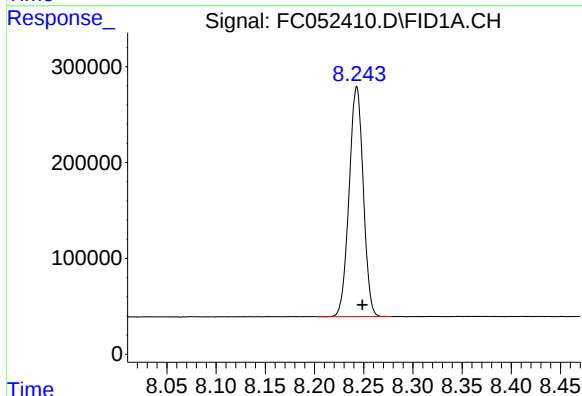
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.071 min
Delta R.T.: -0.004 min
Response: 2690608
Conc: 19.82 ug/ml

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20 PPM ALIPHATIC HC STD

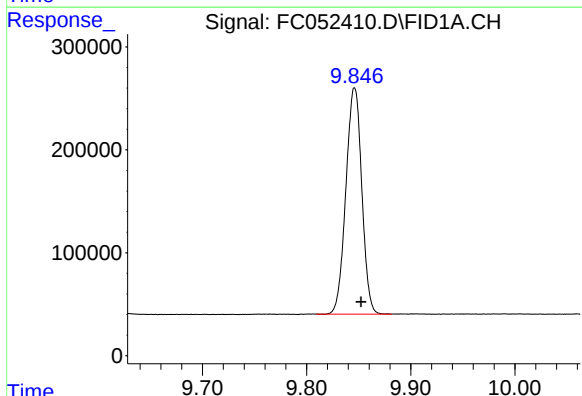
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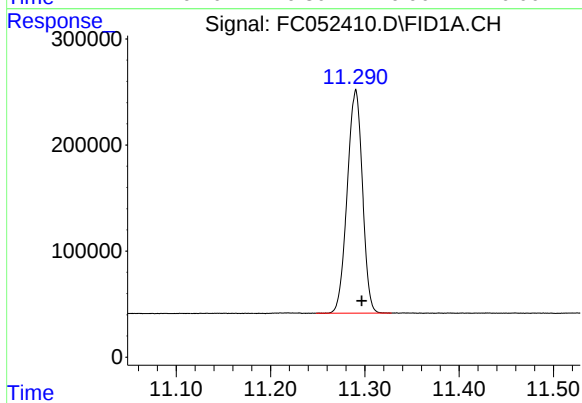
#6 n-Tetradecane (C14)

R.T.: 8.243 min
Delta R.T.: -0.006 min
Response: 2404097
Conc: 19.83 ug/ml



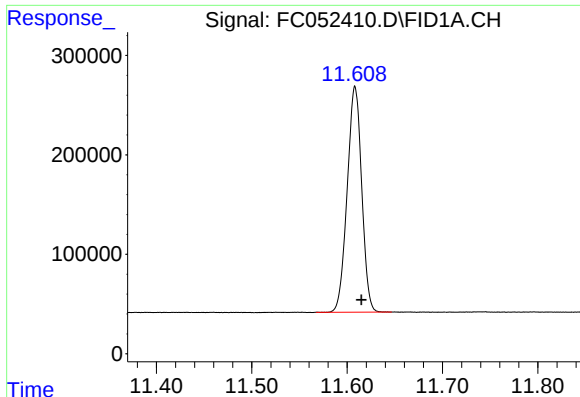
#7 n-Hexadecane (C16)

R.T.: 9.846 min
Delta R.T.: -0.006 min
Response: 2333994
Conc: 19.51 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.290 min
Delta R.T.: -0.006 min
Response: 2356616
Conc: 19.04 ug/ml



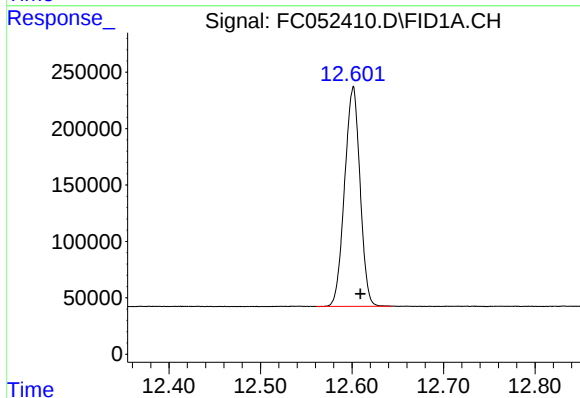
#9 ortho-Terphenyl (SURR)

R.T.: 11.608 min
Delta R.T.: -0.007 min
Response: 2407329
Conc: 18.25 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD

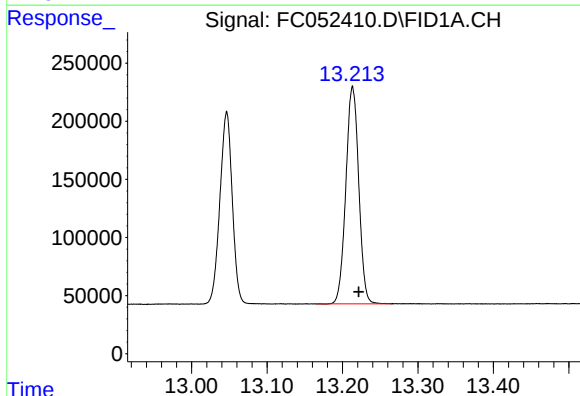
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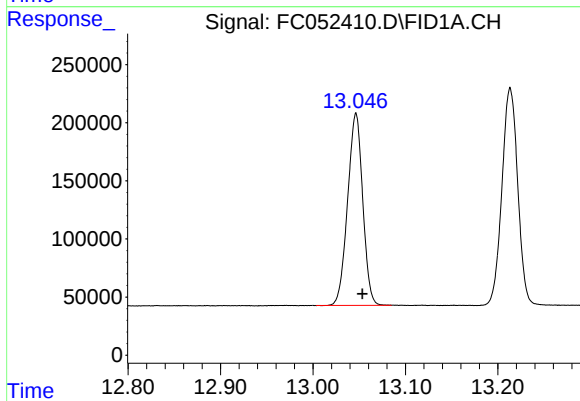
#10 n-Eicosane (C20)

R.T.: 12.601 min
Delta R.T.: -0.008 min
Response: 2280036
Conc: 18.50 ug/ml



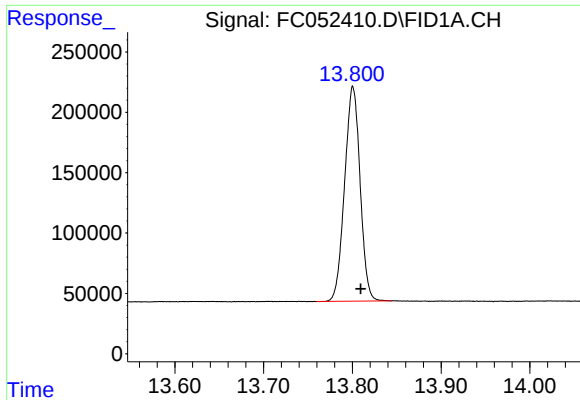
#11 n-Heneicosane (C21)

R.T.: 13.213 min
Delta R.T.: -0.008 min
Response: 2220957
Conc: 18.19 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.047 min
Delta R.T.: -0.007 min
Response: 1875581
Conc: 18.03 ug/ml



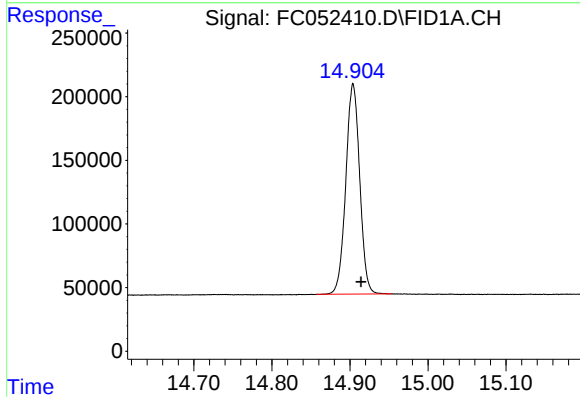
#13 n-Docosane (C22)

R.T.: 13.801 min
Delta R.T.: -0.009 min
Response: 2156360
Conc: 17.92 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD

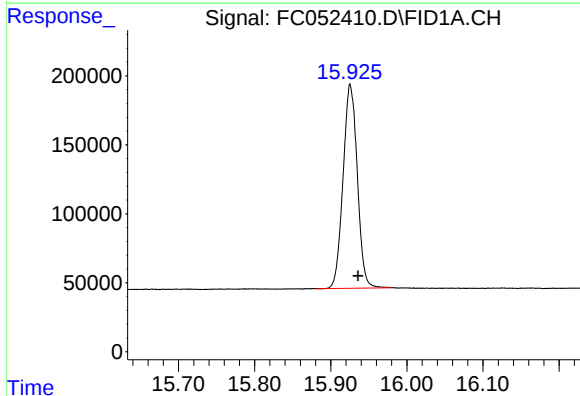
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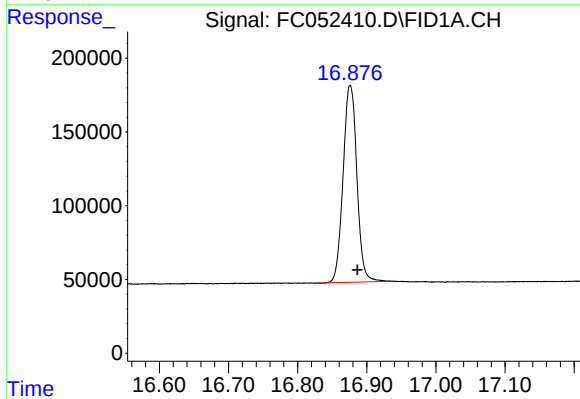
#14 n-Tetracosane (C24)

R.T.: 14.904 min
Delta R.T.: -0.010 min
Response: 2048911
Conc: 17.57 ug/ml



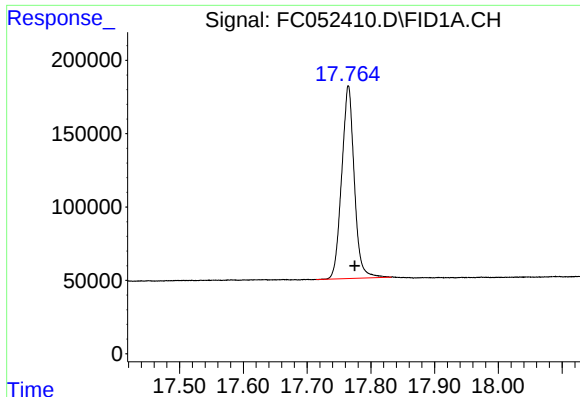
#15 n-Hexacosane (C26)

R.T.: 15.926 min
Delta R.T.: -0.010 min
Response: 1921749
Conc: 17.49 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.876 min
Delta R.T.: -0.010 min
Response: 1851839
Conc: 18.07 ug/ml



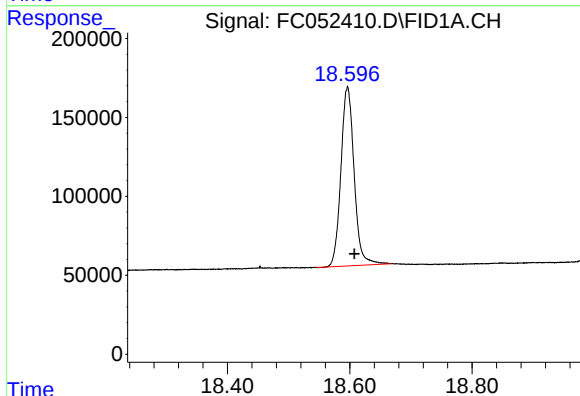
#17 n-Tricontane (C30)

R.T.: 17.765 min
Delta R.T.: -0.010 min
Response: 1800881
Conc: 19.13 ug/ml

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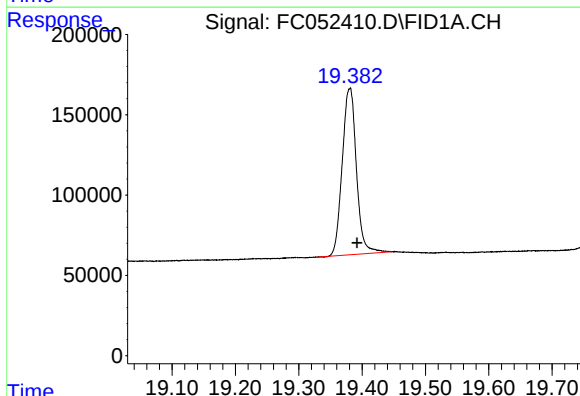
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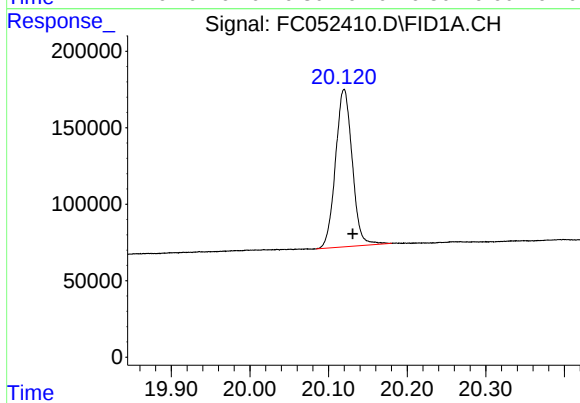
#18 n-Dotriacontane (C32)

R.T.: 18.596 min
Delta R.T.: -0.011 min
Response: 1698820
Conc: 19.90 ug/ml



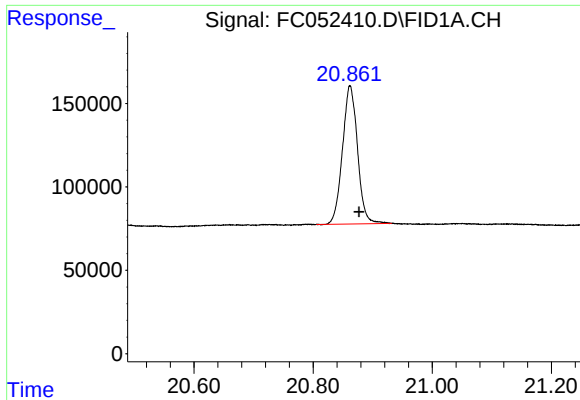
#19 n-Tetratriacontane (C34)

R.T.: 19.381 min
Delta R.T.: -0.011 min
Response: 1609596
Conc: 20.76 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.120 min
Delta R.T.: -0.011 min
Response: 1520992
Conc: 21.17 ug/ml m



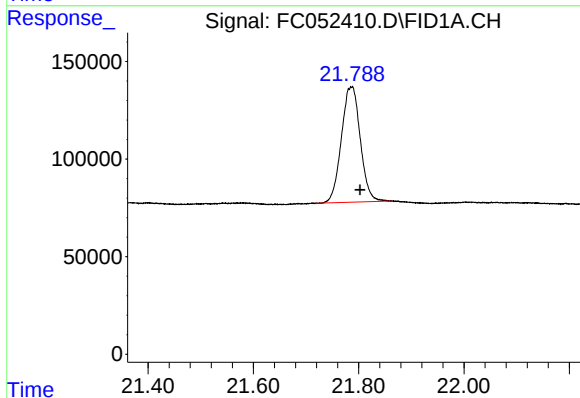
#21 n-Octatriacontane (C38)

R.T.: 20.862 min
Delta R.T.: -0.015 min
Response: 1454343
Conc: 21.23 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.787 min
Delta R.T.: -0.015 min
Response: 1472854
Conc: 20.48 ug/ml