

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC111820AL\
 Data File : FC050866.D
 Signal(s) : FID1A.CH
 Acq On : 19 Nov 2020 2:15
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Nov 19 02:52:32 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 110220.M
 Quant Title : GC Extractables
 QLast Update : Tue Nov 03 02:36:40 2020
 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)	11.606	2334460	19.006 ug/ml
Spiked Amount 50.000		Recovery =	38.01%
12) S 1-chlorooctadecane (S...	13.039	1811186	18.759 ug/ml
Spiked Amount 50.000		Recovery =	37.52%
Target Compounds			
1) T n-Nonane (C9)	3.356	2238205	21.035 ug/ml
2) T n-Decane (C10)	4.427	2271485	21.358 ug/ml
3) T A~Naphthalene (C11.7)	6.020	2431309	21.112 ug/ml
4) T n-Dodecane (C12)	6.447	2325506	21.448 ug/ml
5) T A~2-methylnaphthalene...	7.078	2401465	20.932 ug/ml
6) T n-Tetradecane (C14)	8.243	2294913	21.277 ug/ml
7) T n-Hexadecane (C16)	9.843	2232391	20.971 ug/ml
8) T n-Octadecane (C18)	11.285	2281122	20.279 ug/ml
10) T n-Eicosane (C20)	12.594	2222902	19.476 ug/ml
11) T n-Heneicosane (C21)	13.205	2175101	19.066 ug/ml
13) T n-Docosane (C22)	13.792	2131801	18.680 ug/ml
14) T n-Tetracosane (C24)	14.894	2068064	18.109 ug/ml
15) T n-Hexacosane (C26)	15.914	2019773	17.814 ug/ml
16) T n-Octacosane (C28)	16.862	2014877	17.757 ug/ml
17) T n-Tricontane (C30)	17.748	2005407	18.037 ug/ml
18) T n-Dotriacontane (C32)	18.579	1918858	18.600 ug/ml
19) T n-Tetratriacontane (C34)	19.360	1793408	18.638 ug/ml
20) T n-Hexatriacontane (C36)	20.099	1642512	18.282 ug/ml
21) T n-Octatriacontane (C38)	20.840	1454359	17.491 ug/ml
22) T n-Tetracontane (C40)	21.762	1529924	18.283 ug/ml

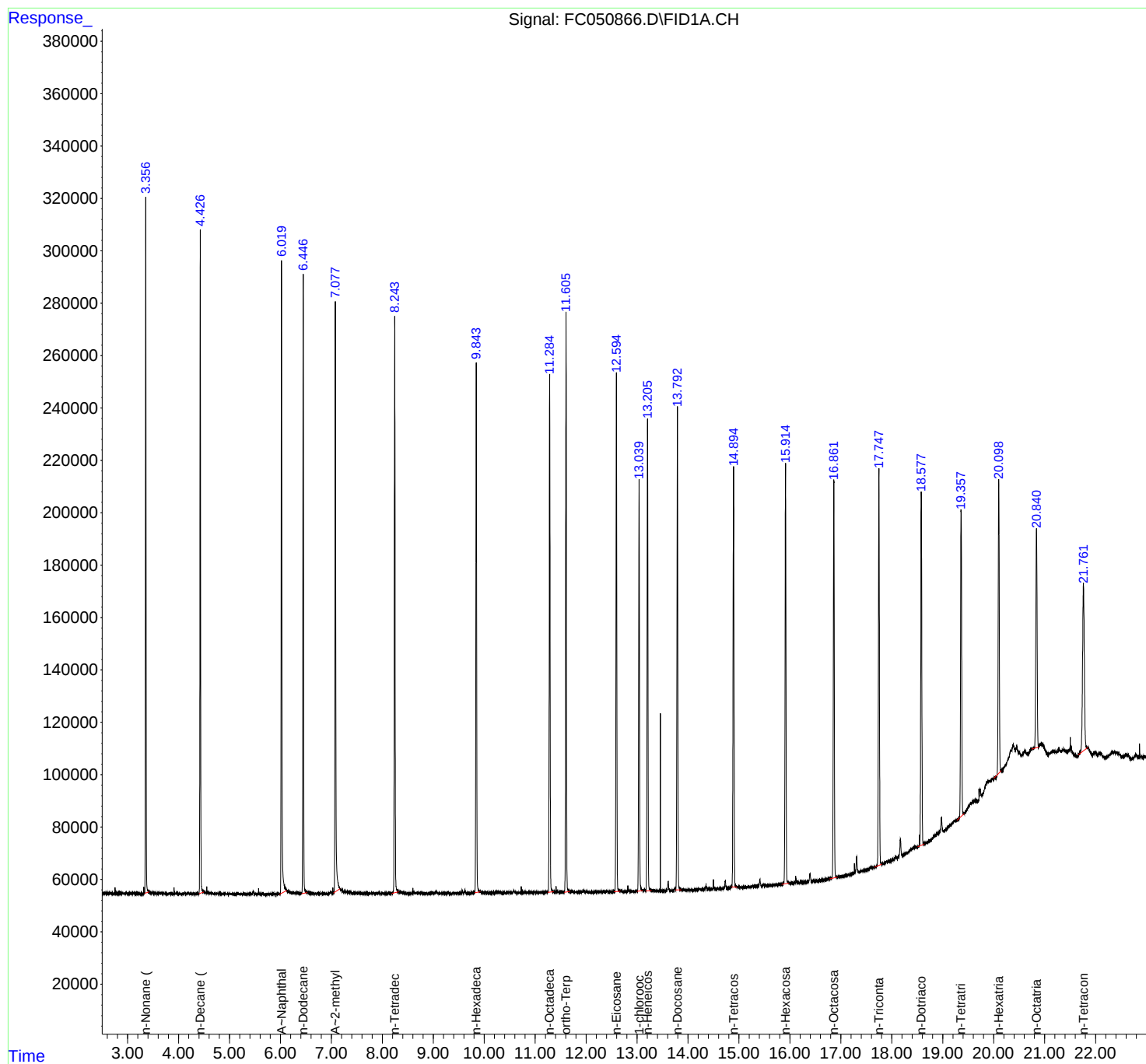
(f)=RT Delta > 1/2 Window

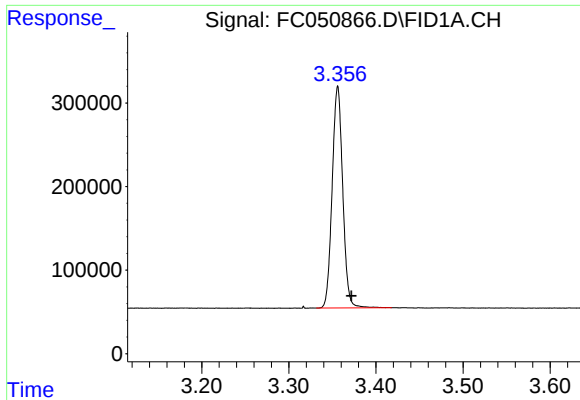
(m)=manual int.

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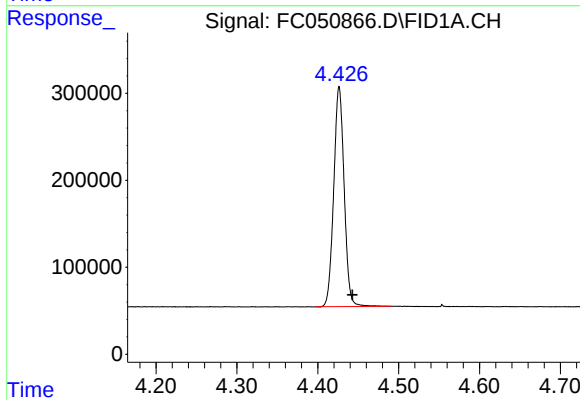
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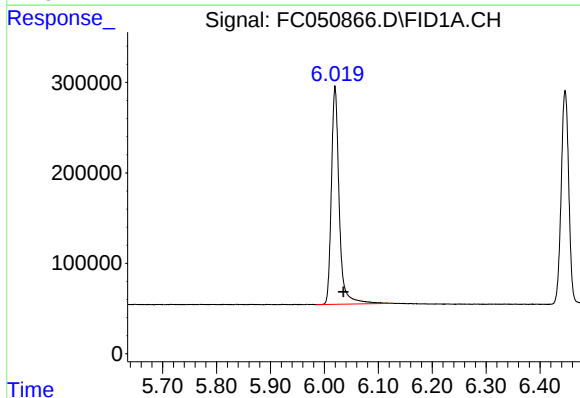
#1 n-Nonane (C9)

R.T.: 3.356 min
Delta R.T.: -0.016 min
Response: 2238205
Conc: 21.03 ug/ml



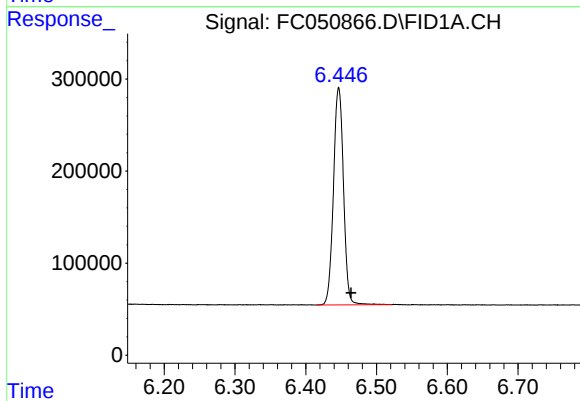
#2 n-Decane (C10)

R.T.: 4.427 min
Delta R.T.: -0.016 min
Response: 2271485
Conc: 21.36 ug/ml



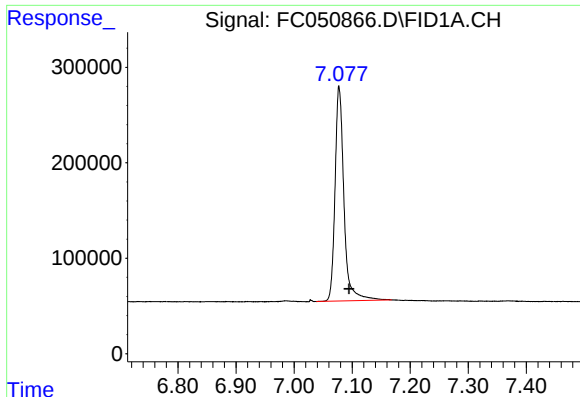
#3 A~Naphthalene (C11.7)

R.T.: 6.020 min
Delta R.T.: -0.015 min
Response: 2431309
Conc: 21.11 ug/ml



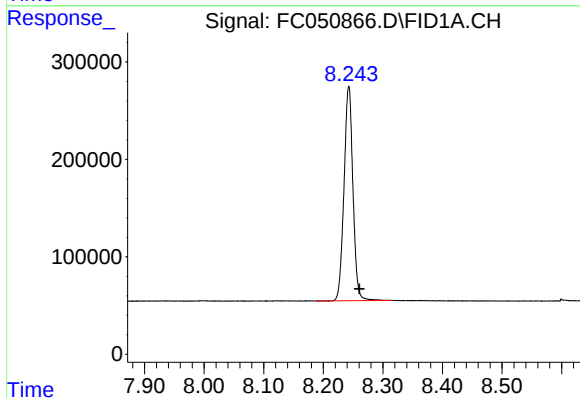
#4 n-Dodecane (C12)

R.T.: 6.447 min
Delta R.T.: -0.017 min
Response: 2325506
Conc: 21.45 ug/ml



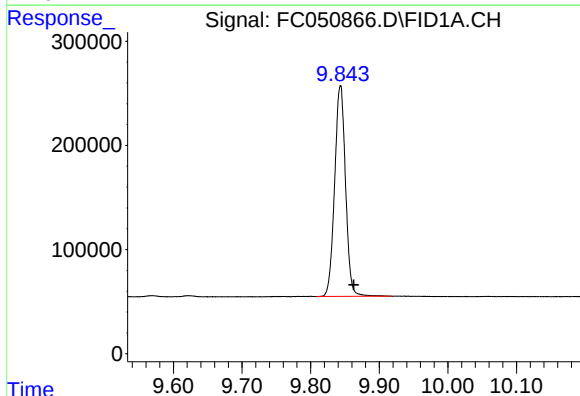
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.078 min
Delta R.T.: -0.017 min
Response: 2401465
Conc: 20.93 ug/ml



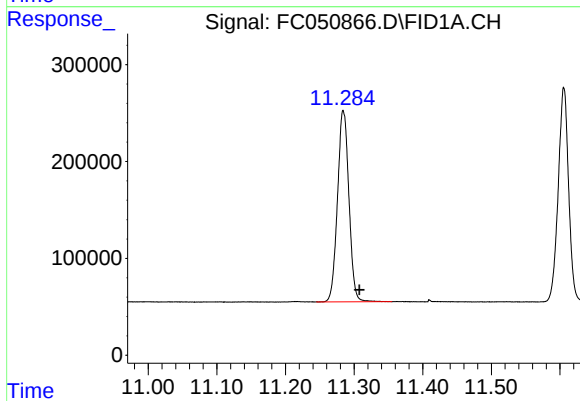
#6 n-Tetradecane (C14)

R.T.: 8.243 min
Delta R.T.: -0.018 min
Response: 2294913
Conc: 21.28 ug/ml



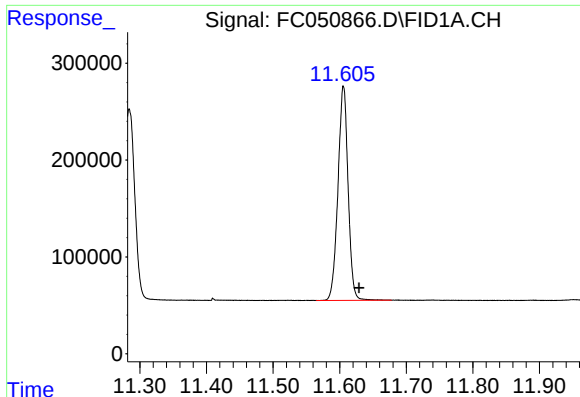
#7 n-Hexadecane (C16)

R.T.: 9.843 min
Delta R.T.: -0.020 min
Response: 2232391
Conc: 20.97 ug/ml



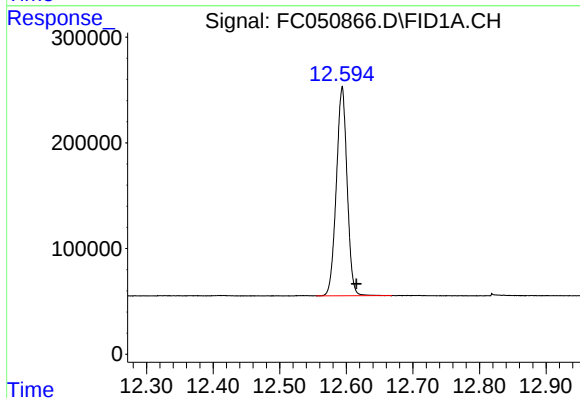
#8 n-Octadecane (C18)

R.T.: 11.285 min
Delta R.T.: -0.023 min
Response: 2281122
Conc: 20.28 ug/ml



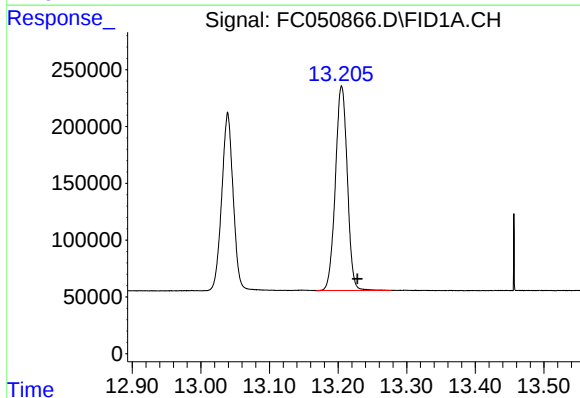
#9 ortho-Terphenyl (SURR)

R.T.: 11.606 min
Delta R.T.: -0.023 min
Response: 2334460
Conc: 19.01 ug/ml



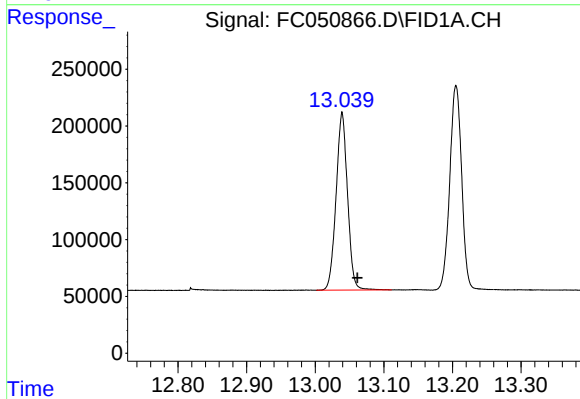
#10 n-Eicosane (C20)

R.T.: 12.594 min
Delta R.T.: -0.021 min
Response: 2222902
Conc: 19.48 ug/ml



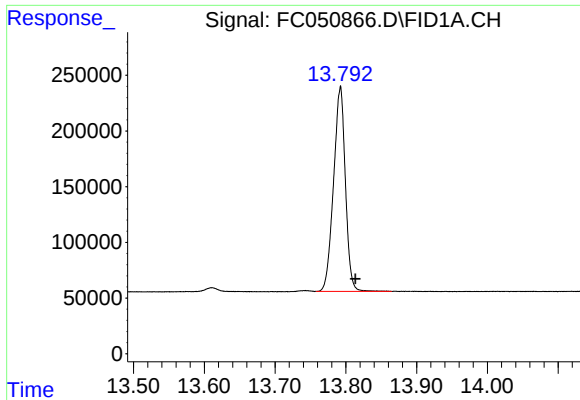
#11 n-Heneicosane (C21)

R.T.: 13.205 min
Delta R.T.: -0.023 min
Response: 2175101
Conc: 19.07 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.039 min
Delta R.T.: -0.022 min
Response: 1811186
Conc: 18.76 ug/ml



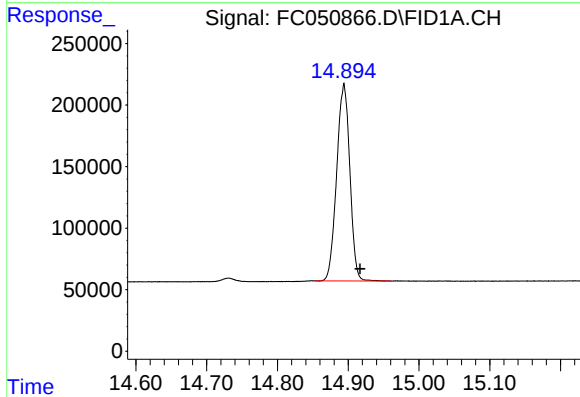
#13 n-Docosane (C22)

R.T.: 13.792 min

Delta R.T.: -0.022 min

Response: 2131801

Conc: 18.68 ug/ml



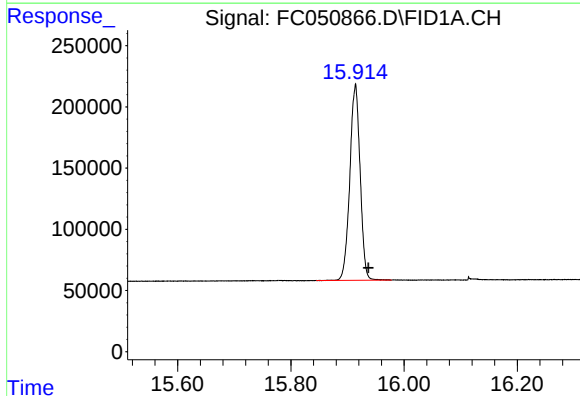
#14 n-Tetracosane (C24)

R.T.: 14.894 min

Delta R.T.: -0.023 min

Response: 2068064

Conc: 18.11 ug/ml



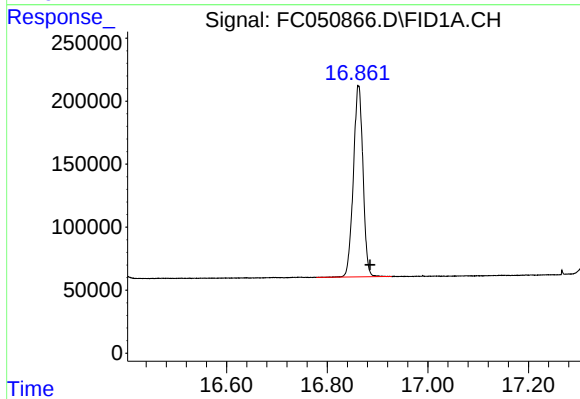
#15 n-Hexacosane (C26)

R.T.: 15.914 min

Delta R.T.: -0.023 min

Response: 2019773

Conc: 17.81 ug/ml



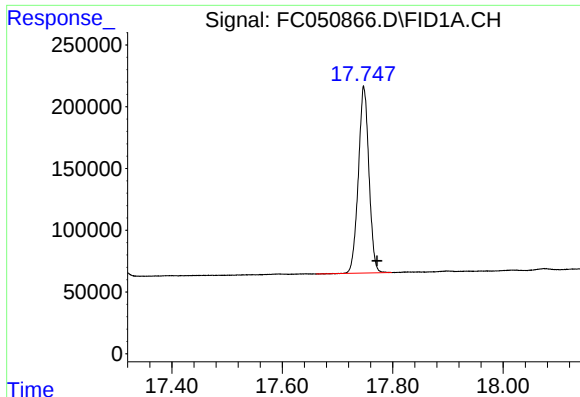
#16 n-Octacosane (C28)

R.T.: 16.862 min

Delta R.T.: -0.023 min

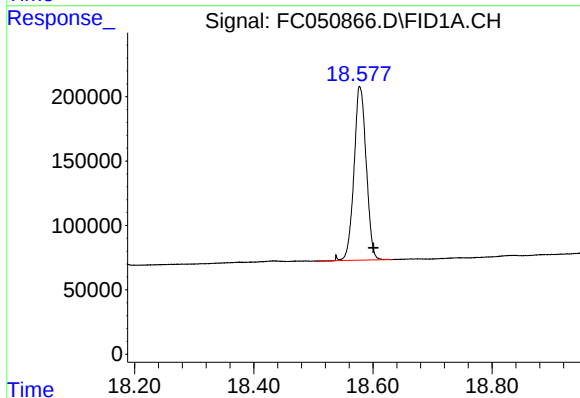
Response: 2014877

Conc: 17.76 ug/ml



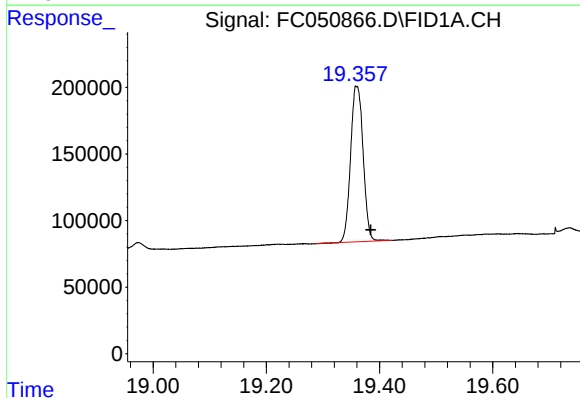
#17 n-Tricontane (C30)

R.T.: 17.748 min
Delta R.T.: -0.024 min
Response: 2005407
Conc: 18.04 ug/ml



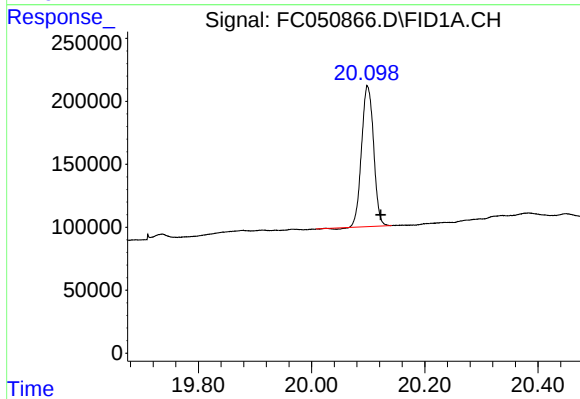
#18 n-Dotriacontane (C32)

R.T.: 18.579 min
Delta R.T.: -0.022 min
Response: 1918858
Conc: 18.60 ug/ml



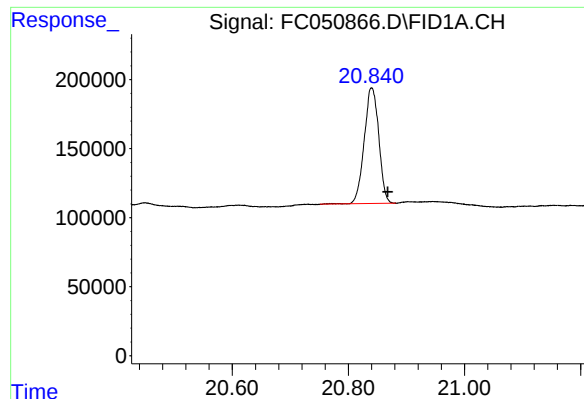
#19 n-Tetratriacontane (C34)

R.T.: 19.360 min
Delta R.T.: -0.024 min
Response: 1793408
Conc: 18.64 ug/ml



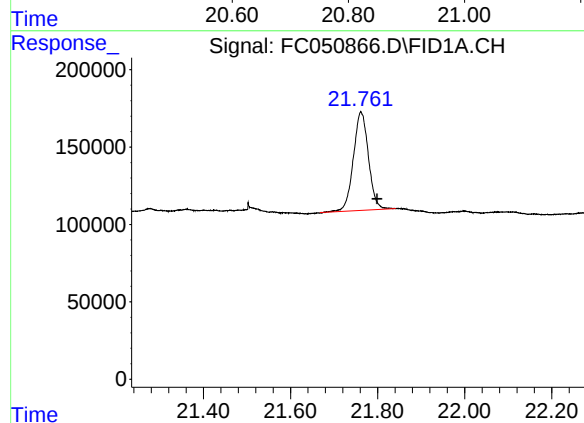
#20 n-Hexatriacontane (C36)

R.T.: 20.099 min
Delta R.T.: -0.023 min
Response: 1642512
Conc: 18.28 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.840 min
Delta R.T.: -0.027 min
Response: 1454359
Conc: 17.49 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.762 min
Delta R.T.: -0.037 min
Response: 1529924
Conc: 18.28 ug/ml