

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC021721AL\
 Data File : FC052051.D
 Signal(s) : FID1A.CH
 Acq On : 17 Feb 2021 10:20
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 18 00:06:53 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 021521.M
 Quant Title : GC Extractables
 QLast Update : Tue Feb 16 09:35:39 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)	11.696	2564779	21.131 ug/ml
Spiked Amount 50.000		Recovery =	42.26%
12) S 1-chlorooctadecane (S...	13.126	2060383	20.984 ug/ml
Spiked Amount 50.000		Recovery =	41.97%
Target Compounds			
1) T n-Nonane (C9)	3.448	2187346	20.700 ug/ml
2) T n-Decane (C10)	4.518	2217640	20.811 ug/ml
3) T A~Naphthalene (C11.7)	6.111	2509210	20.981 ug/ml
4) T n-Dodecane (C12)	6.538	2258326	20.885 ug/ml
5) T A~2-methylnaphthalene...	7.168	2570908	21.069 ug/ml
6) T n-Tetradecane (C14)	8.333	2272918	20.930 ug/ml
7) T n-Hexadecane (C16)	9.932	2261162	20.952 ug/ml
8) T n-Octadecane (C18)	11.373	2368707	20.952 ug/ml
10) T n-Eicosane (C20)	12.681	2408593	20.972 ug/ml
11) T n-Heneicosane (C21)	13.293	2415898	20.962 ug/ml
13) T n-Docosane (C22)	13.878	2423534	20.909 ug/ml
14) T n-Tetracosane (C24)	14.980	2428618	20.740 ug/ml
15) T n-Hexacosane (C26)	16.000	2383128	20.383 ug/ml
16) T n-Octacosane (C28)	16.949	2330969	19.820 ug/ml
17) T n-Tricontane (C30)	17.836	2263139	19.147 ug/ml
18) T n-Dotriacontane (C32)	18.669	2143956	18.282 ug/ml
19) T n-Tetratriacontane (C34)	19.453	2056669	17.758 ug/ml
20) T n-Hexatriacontane (C36)	20.192	1936227	17.402 ug/ml
21) T n-Octatriacontane (C38)	20.947	1817784	17.749 ug/ml
22) T n-Tetracontane (C40)	21.895	1797823	17.441 ug/ml

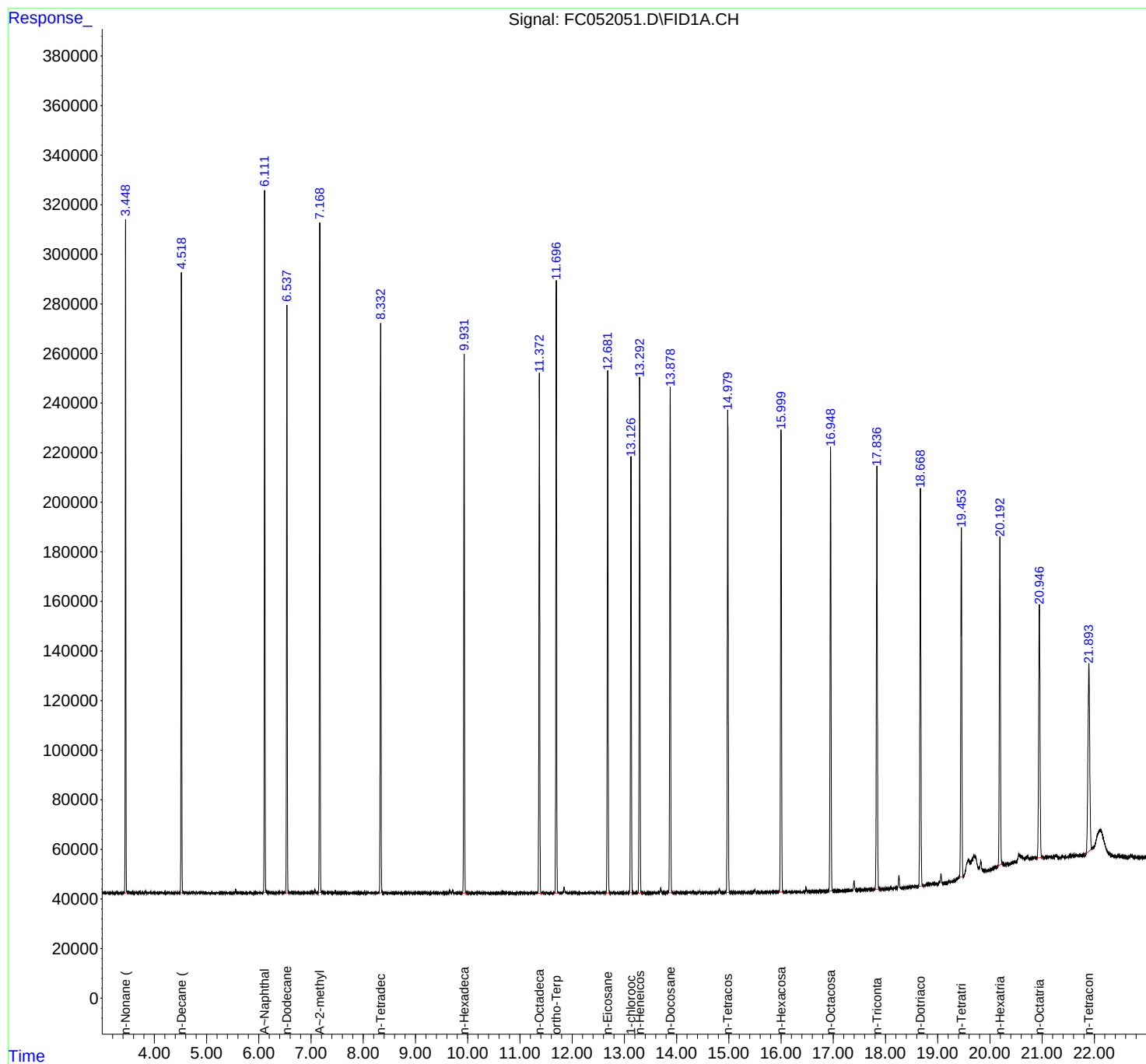
(f)=RT Delta > 1/2 Window

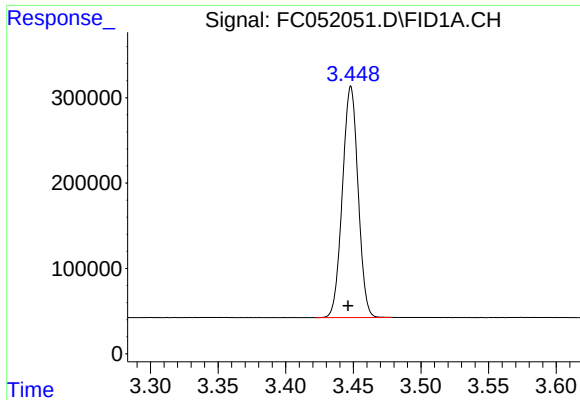
(m)=manual int.

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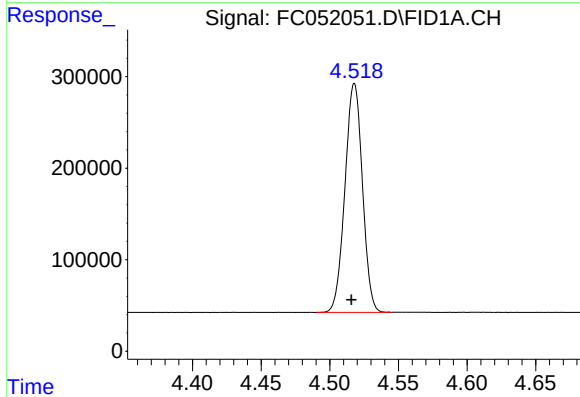
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Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





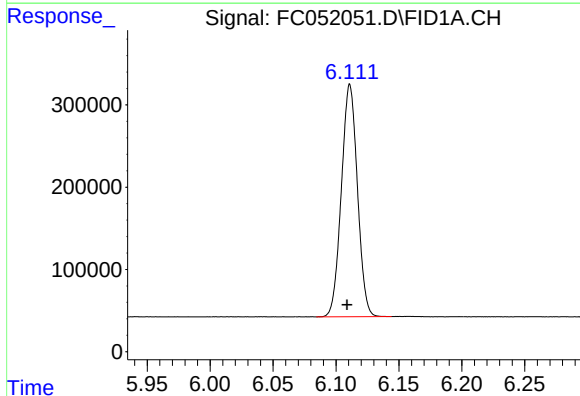
#1 n-Nonane (C9)

R.T.: 3.448 min
Delta R.T.: 0.002 min
Response: 2187346
Conc: 20.70 ug/ml



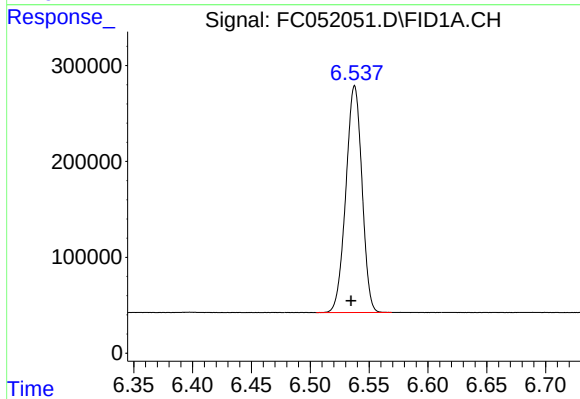
#2 n-Decane (C10)

R.T.: 4.518 min
Delta R.T.: 0.002 min
Response: 2217640
Conc: 20.81 ug/ml



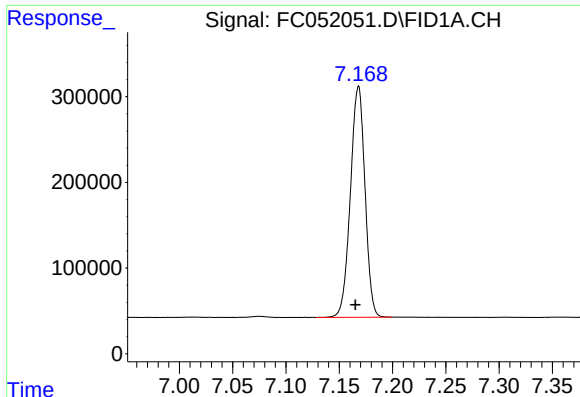
#3 A~Naphthalene (C11.7)

R.T.: 6.111 min
Delta R.T.: 0.002 min
Response: 2509210
Conc: 20.98 ug/ml



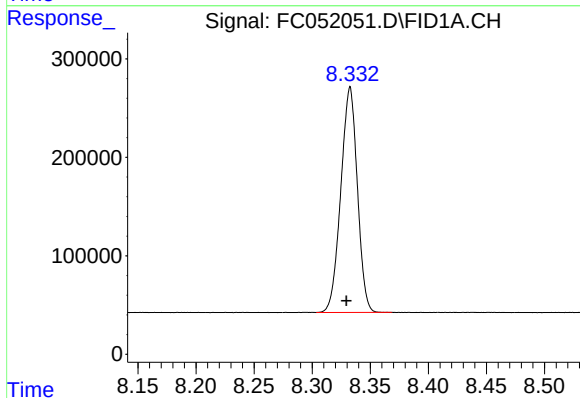
#4 n-Dodecane (C12)

R.T.: 6.538 min
Delta R.T.: 0.003 min
Response: 2258326
Conc: 20.88 ug/ml



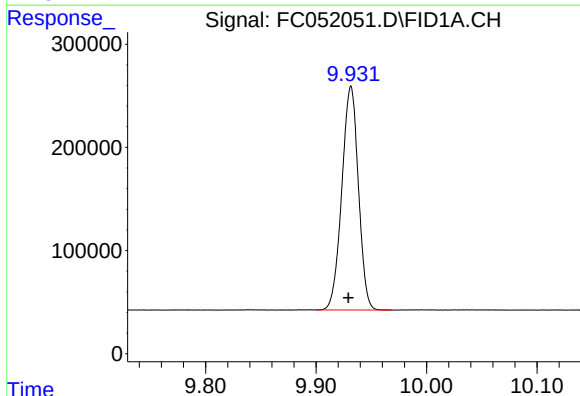
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.168 min
Delta R.T.: 0.003 min
Response: 2570908
Conc: 21.07 ug/ml



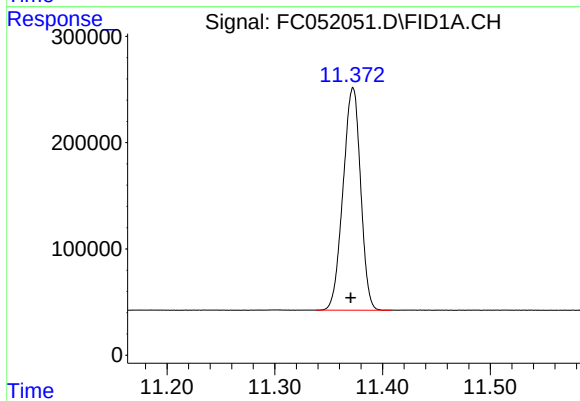
#6 n-Tetradecane (C14)

R.T.: 8.333 min
Delta R.T.: 0.003 min
Response: 2272918
Conc: 20.93 ug/ml



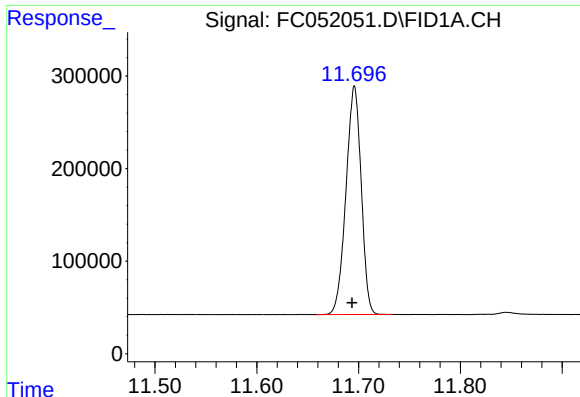
#7 n-Hexadecane (C16)

R.T.: 9.932 min
Delta R.T.: 0.002 min
Response: 2261162
Conc: 20.95 ug/ml



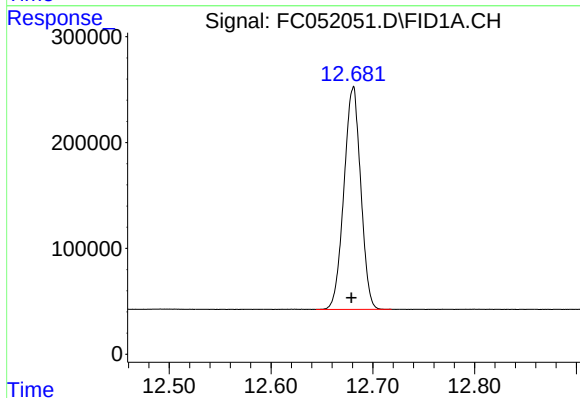
#8 n-Octadecane (C18)

R.T.: 11.373 min
Delta R.T.: 0.002 min
Response: 2368707
Conc: 20.95 ug/ml



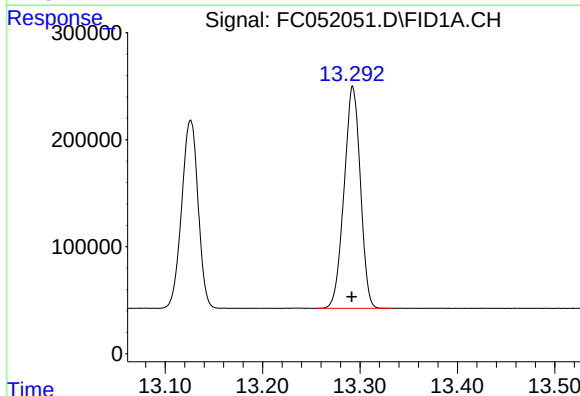
#9 ortho-Terphenyl (SURR)

R.T.: 11.696 min
Delta R.T.: 0.003 min
Response: 2564779
Conc: 21.13 ug/ml



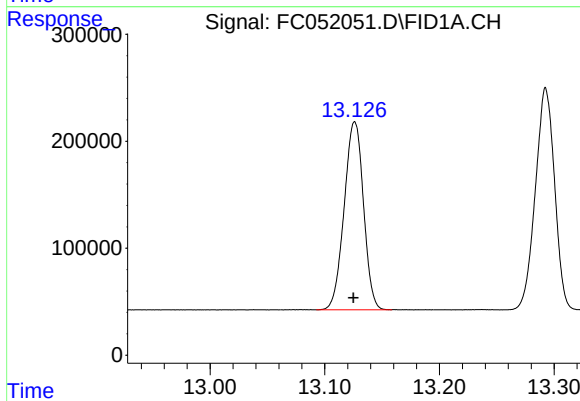
#10 n-Eicosane (C20)

R.T.: 12.681 min
Delta R.T.: 0.002 min
Response: 2408593
Conc: 20.97 ug/ml



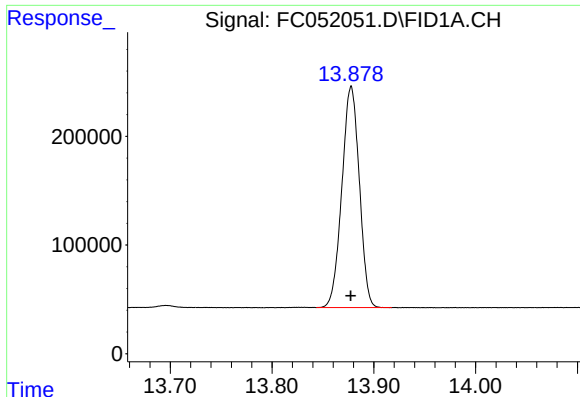
#11 n-Heneicosane (C21)

R.T.: 13.293 min
Delta R.T.: 0.001 min
Response: 2415898
Conc: 20.96 ug/ml



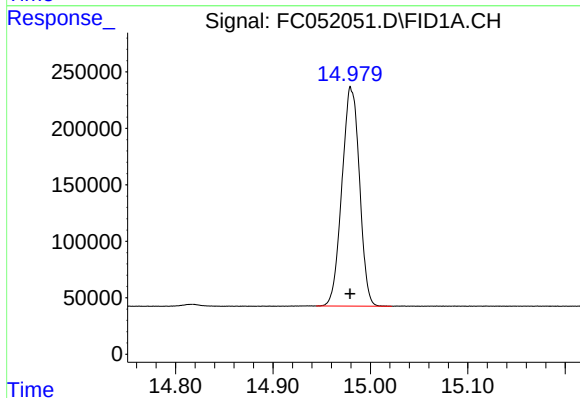
#12 1-chlorooctadecane (SURR)

R.T.: 13.126 min
Delta R.T.: 0.001 min
Response: 2060383
Conc: 20.98 ug/ml



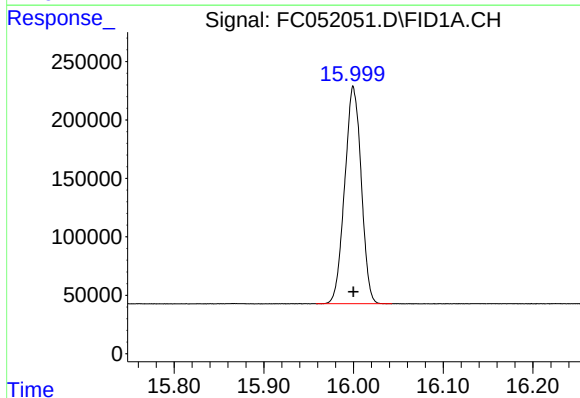
#13 n-Docosane (C22)

R.T.: 13.878 min
Delta R.T.: 0.000 min
Response: 2423534
Conc: 20.91 ug/ml



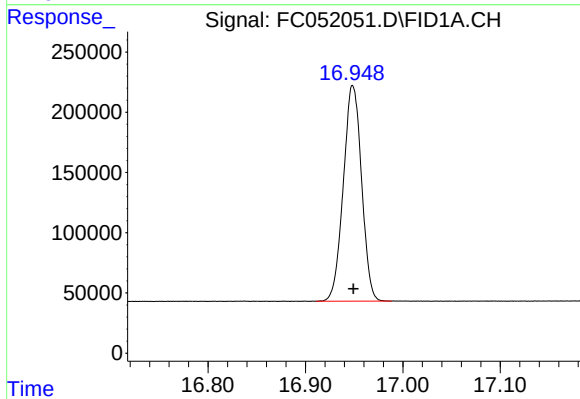
#14 n-Tetracosane (C24)

R.T.: 14.980 min
Delta R.T.: 0.000 min
Response: 2428618
Conc: 20.74 ug/ml



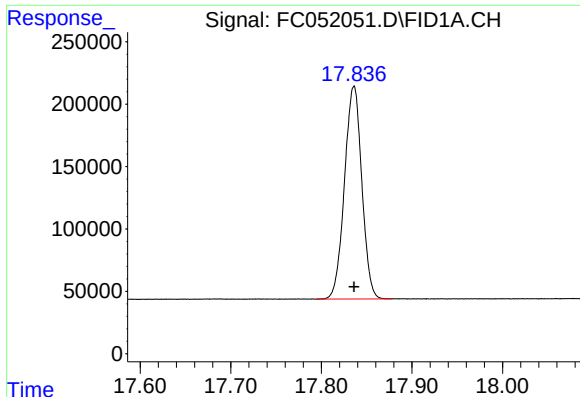
#15 n-Hexacosane (C26)

R.T.: 16.000 min
Delta R.T.: 0.000 min
Response: 2383128
Conc: 20.38 ug/ml



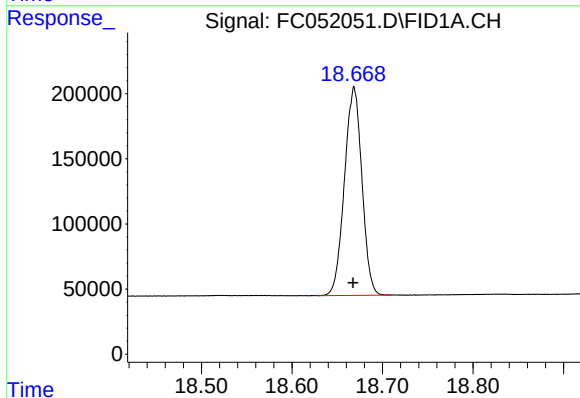
#16 n-Octacosane (C28)

R.T.: 16.949 min
Delta R.T.: 0.000 min
Response: 2330969
Conc: 19.82 ug/ml



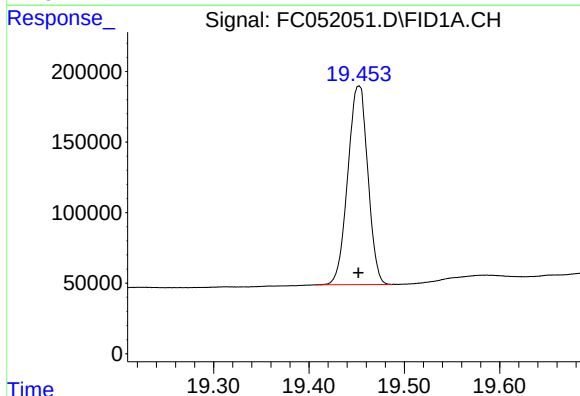
#17 n-Tricontane (C30)

R.T.: 17.836 min
Delta R.T.: 0.000 min
Response: 2263139
Conc: 19.15 ug/ml



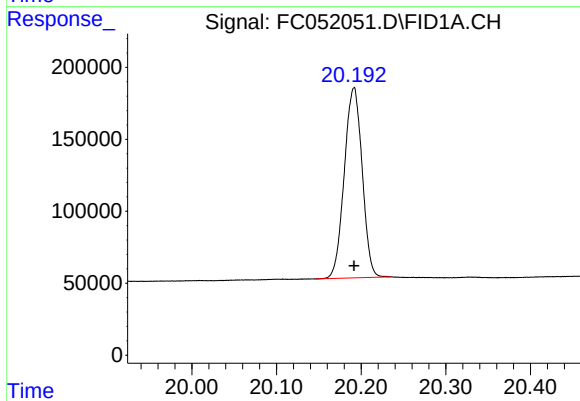
#18 n-Dotriacontane (C32)

R.T.: 18.669 min
Delta R.T.: 0.001 min
Response: 2143956
Conc: 18.28 ug/ml



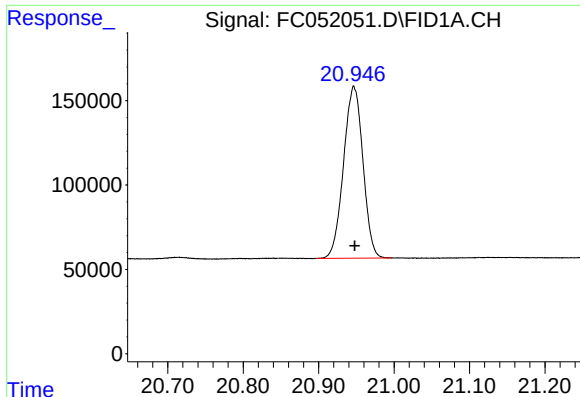
#19 n-Tetratriacontane (C34)

R.T.: 19.453 min
Delta R.T.: 0.000 min
Response: 2056669
Conc: 17.76 ug/ml



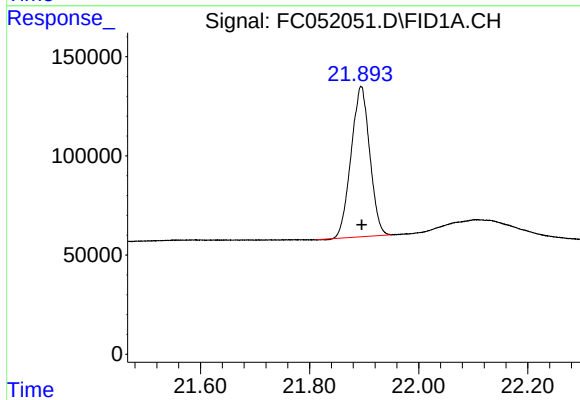
#20 n-Hexatriacontane (C36)

R.T.: 20.192 min
Delta R.T.: 0.000 min
Response: 1936227
Conc: 17.40 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.947 min
Delta R.T.: -0.001 min
Response: 1817784
Conc: 17.75 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.895 min
Delta R.T.: -0.001 min
Response: 1797823
Conc: 17.44 ug/ml