

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC112020AL\
 Data File : FC050876.D
 Signal(s) : FID1A.CH
 Acq On : 20 Nov 2020 11:40
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Nov 20 22:51:05 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	2454570	19.984 ug/ml
Spiked Amount 50.000		Recovery =	39.97%
12) S 1-chlorooctadecane (S...	13.040	1903504	19.715 ug/ml
Spiked Amount 50.000		Recovery =	39.43%
Target Compounds			
1) T n-Nonane (C9)	3.354	2353363	22.117 ug/ml
2) T n-Decane (C10)	4.425	2392490	22.496 ug/ml
3) T A~Naphthalene (C11.7)	6.019	2517135	21.858 ug/ml
4) T n-Dodecane (C12)	6.445	2434142	22.450 ug/ml
5) T A~2-methylnaphthalene...	7.077	2529899	22.051 ug/ml
6) T n-Tetradecane (C14)	8.242	2412353	22.366 ug/ml
7) T n-Hexadecane (C16)	9.843	2350173	22.077 ug/ml
8) T n-Octadecane (C18)	11.285	2397016	21.309 ug/ml
10) T n-Eicosane (C20)	12.594	2340092	20.503 ug/ml
11) T n-Heneicosane (C21)	13.207	2289457	20.069 ug/ml
13) T n-Docosane (C22)	13.792	2261449	19.816 ug/ml
14) T n-Tetracosane (C24)	14.894	2200094	19.265 ug/ml
15) T n-Hexacosane (C26)	15.914	2163362	19.080 ug/ml
16) T n-Octacosane (C28)	16.863	2169323	19.118 ug/ml
17) T n-Tricontane (C30)	17.749	2170065	19.518 ug/ml
18) T n-Dotriacontane (C32)	18.580	2062717	19.994 ug/ml
19) T n-Tetratriacontane (C34)	19.362	1900804	19.754 ug/ml
20) T n-Hexatriacontane (C36)	20.101	1744960	19.422 ug/ml
21) T n-Octatriacontane (C38)	20.843	1565474	18.828 ug/ml
22) T n-Tetracontane (C40)	21.767	1544762	18.460 ug/ml

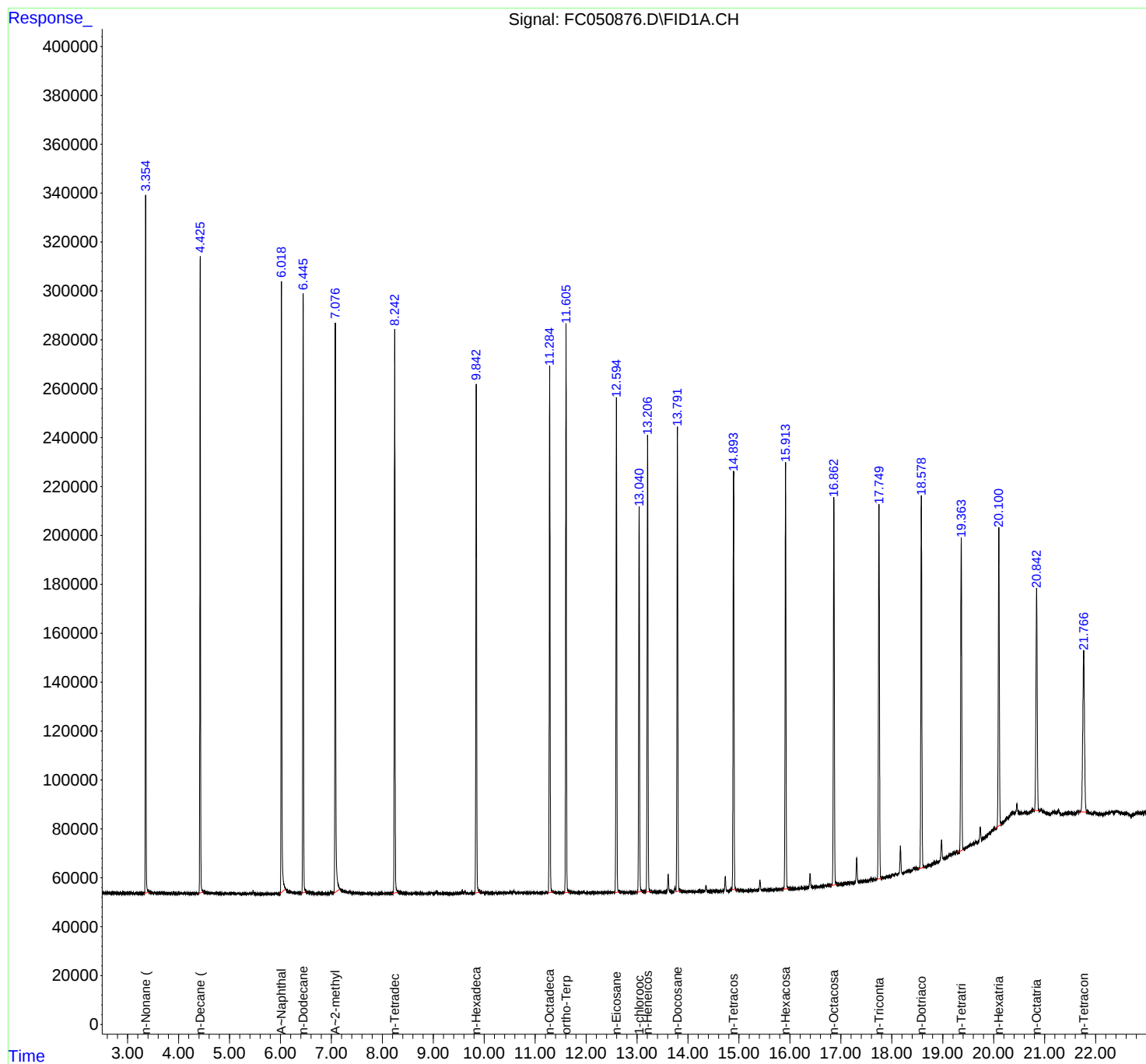
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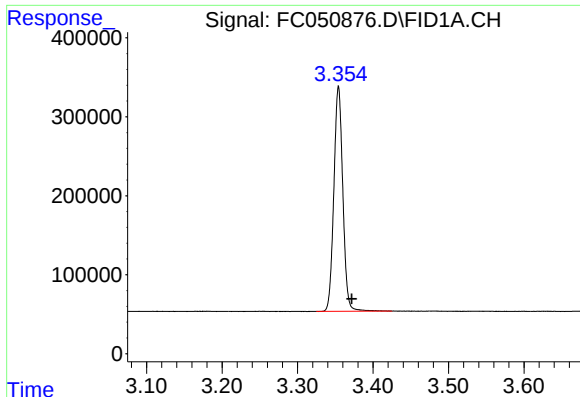
(m)=manual int.

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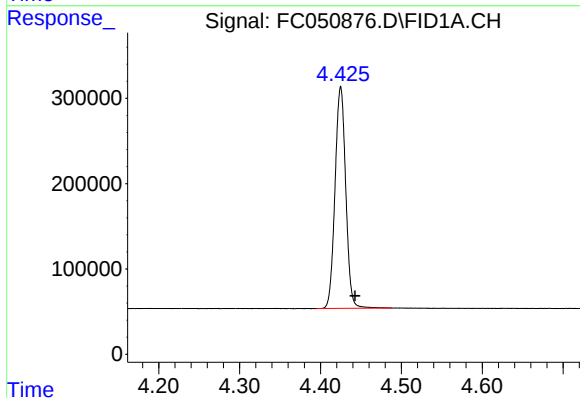
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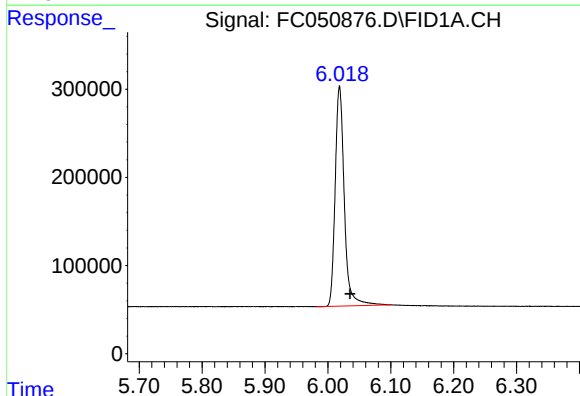
#1 n-Nonane (C9)

R.T.: 3.354 min
Delta R.T.: -0.018 min
Response: 2353363
Conc: 22.12 ug/ml



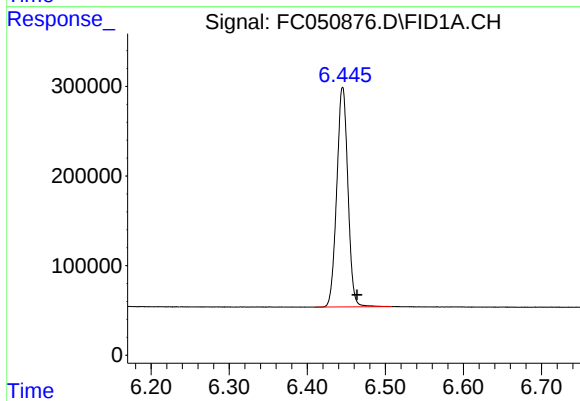
#2 n-Decane (C10)

R.T.: 4.425 min
Delta R.T.: -0.018 min
Response: 2392490
Conc: 22.50 ug/ml



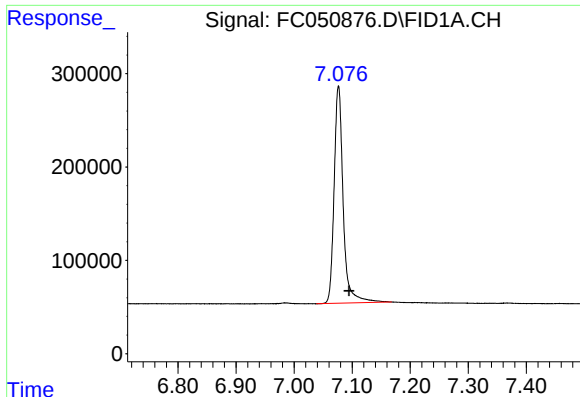
#3 A~Naphthalene (C11.7)

R.T.: 6.019 min
Delta R.T.: -0.017 min
Response: 2517135
Conc: 21.86 ug/ml



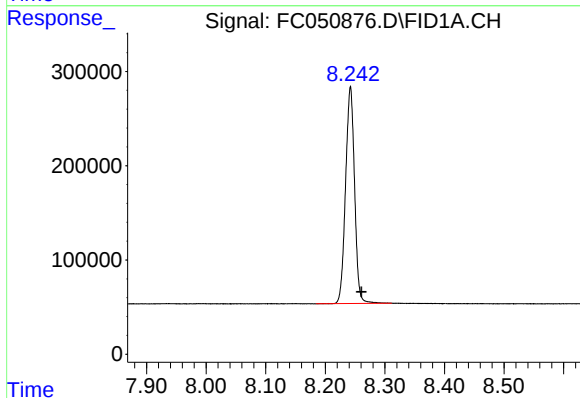
#4 n-Dodecane (C12)

R.T.: 6.445 min
Delta R.T.: -0.019 min
Response: 2434142
Conc: 22.45 ug/ml



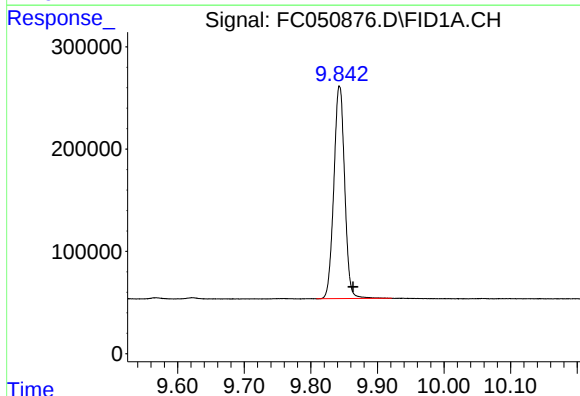
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.077 min
Delta R.T.: -0.018 min
Response: 2529899
Conc: 22.05 ug/ml



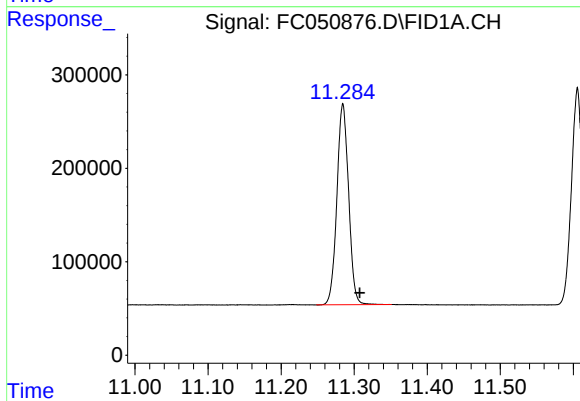
#6 n-Tetradecane (C14)

R.T.: 8.242 min
Delta R.T.: -0.019 min
Response: 2412353
Conc: 22.37 ug/ml



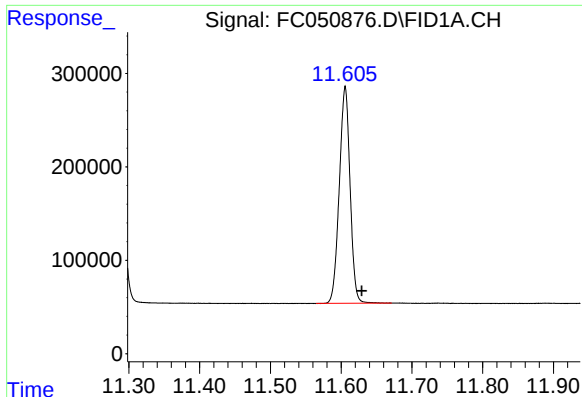
#7 n-Hexadecane (C16)

R.T.: 9.843 min
Delta R.T.: -0.020 min
Response: 2350173
Conc: 22.08 ug/ml



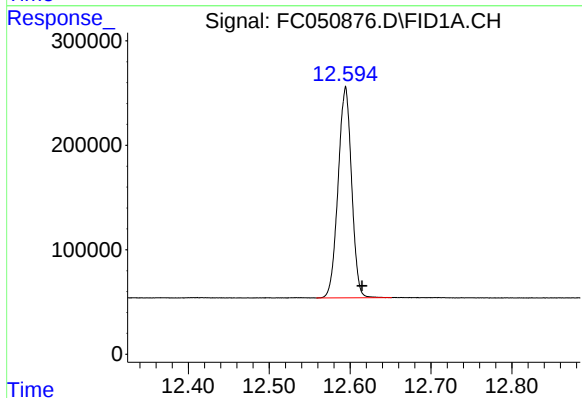
#8 n-Octadecane (C18)

R.T.: 11.285 min
Delta R.T.: -0.023 min
Response: 2397016
Conc: 21.31 ug/ml



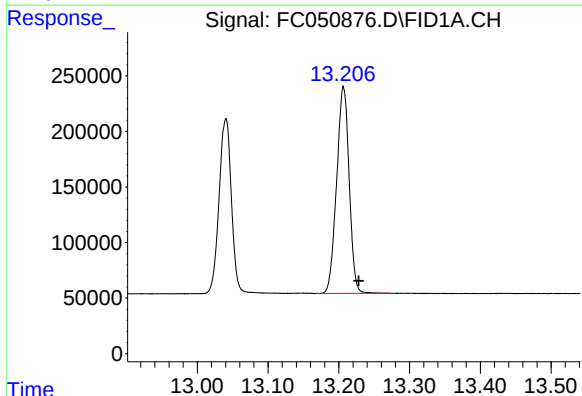
#9 ortho-Terphenyl (SURR)

R.T.: 11.606 min
Delta R.T.: -0.024 min
Response: 2454570
Conc: 19.98 ug/ml



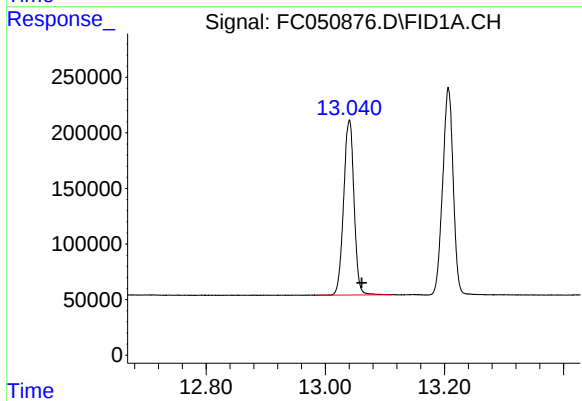
#10 n-Eicosane (C20)

R.T.: 12.594 min
Delta R.T.: -0.021 min
Response: 2340092
Conc: 20.50 ug/ml



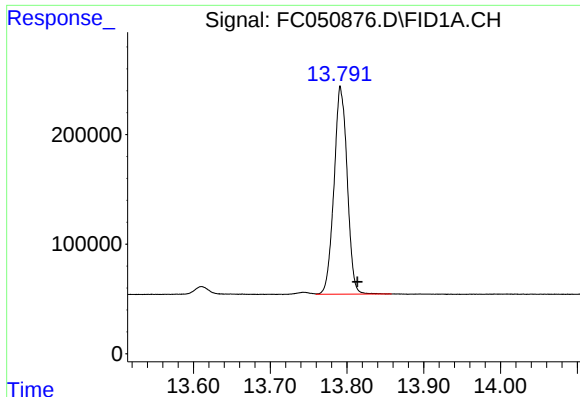
#11 n-Heneicosane (C21)

R.T.: 13.207 min
Delta R.T.: -0.022 min
Response: 2289457
Conc: 20.07 ug/ml



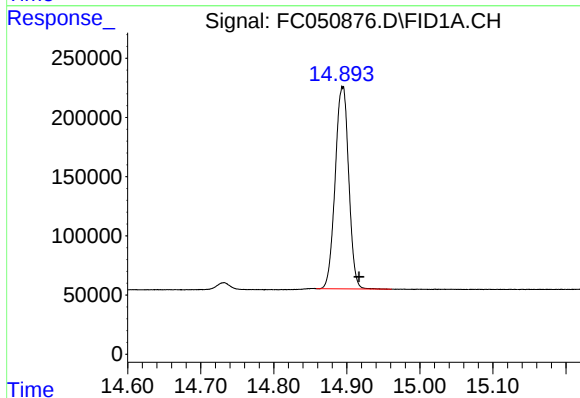
#12 1-chlorooctadecane (SURR)

R.T.: 13.040 min
Delta R.T.: -0.021 min
Response: 1903504
Conc: 19.72 ug/ml



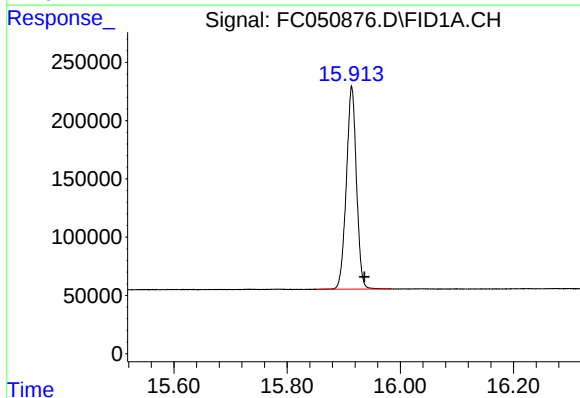
#13 n-Docosane (C22)

R.T.: 13.792 min
Delta R.T.: -0.022 min
Response: 2261449
Conc: 19.82 ug/ml



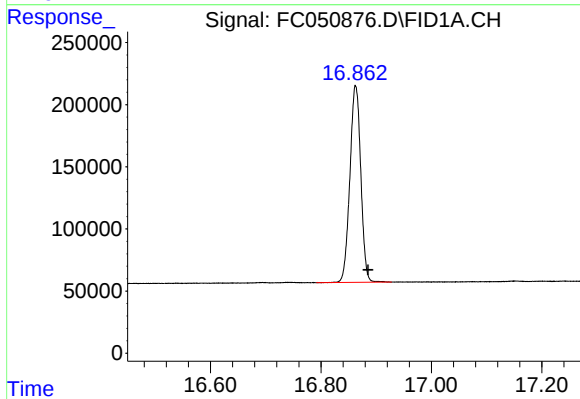
#14 n-Tetracosane (C24)

R.T.: 14.894 min
Delta R.T.: -0.023 min
Response: 2200094
Conc: 19.27 ug/ml



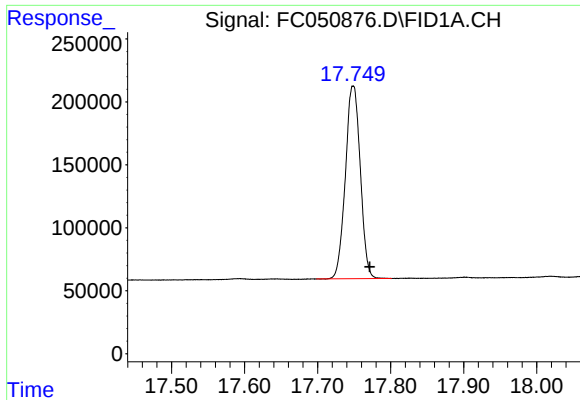
#15 n-Hexacosane (C26)

R.T.: 15.914 min
Delta R.T.: -0.022 min
Response: 2163362
Conc: 19.08 ug/ml



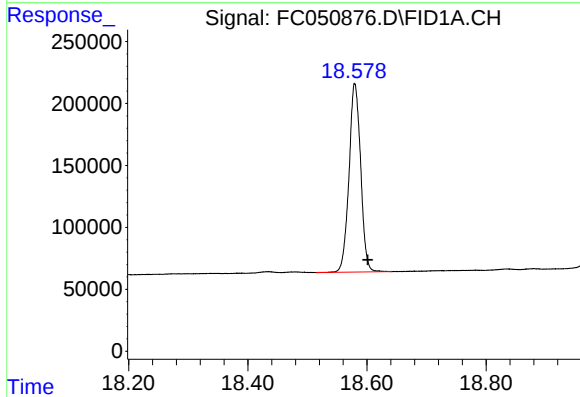
#16 n-Octacosane (C28)

R.T.: 16.863 min
Delta R.T.: -0.023 min
Response: 2169323
Conc: 19.12 ug/ml



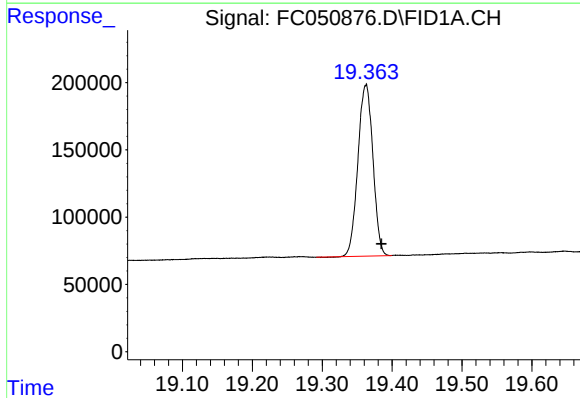
#17 n-Tricontane (C30)

R.T.: 17.749 min
Delta R.T.: -0.023 min
Response: 2170065
Conc: 19.52 ug/ml



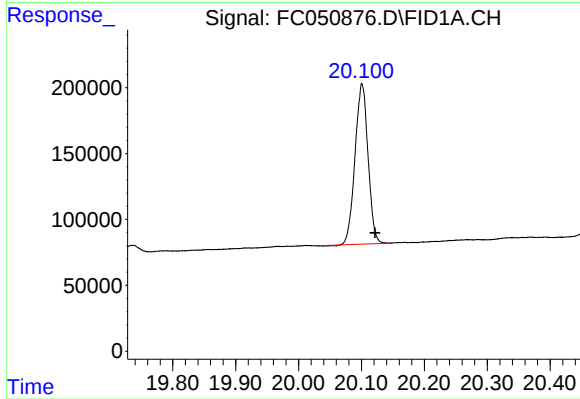
#18 n-Dotriacontane (C32)

R.T.: 18.580 min
Delta R.T.: -0.021 min
Response: 2062717
Conc: 19.99 ug/ml



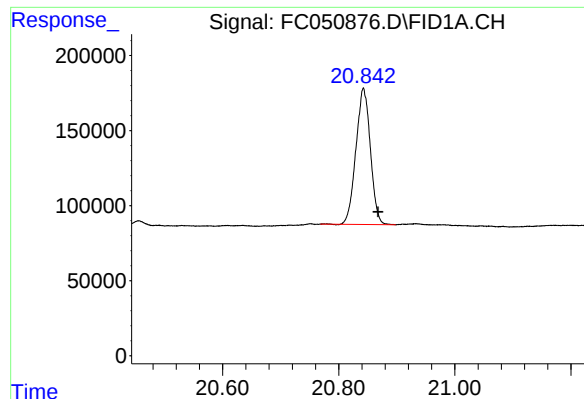
#19 n-Tetratriacontane (C34)

R.T.: 19.362 min
Delta R.T.: -0.022 min
Response: 1900804
Conc: 19.75 ug/ml



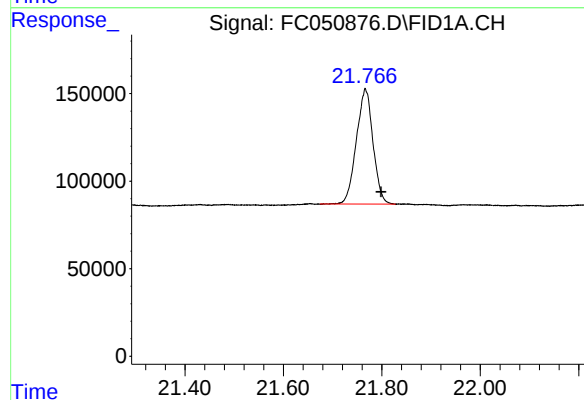
#20 n-Hexatriacontane (C36)

R.T.: 20.101 min
Delta R.T.: -0.021 min
Response: 1744960
Conc: 19.42 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.843 min
Delta R.T.: -0.025 min
Response: 1565474
Conc: 18.83 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.767 min
Delta R.T.: -0.032 min
Response: 1544762
Conc: 18.46 ug/ml