

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC112520AL\
 Data File : FC050985.D
 Signal(s) : FID1A.CH
 Acq On : 26 Nov 2020 1:26
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Nov 26 02:33:52 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)	11.600	2424730	19.741 ug/ml
Spiked Amount 50.000		Recovery =	39.48%
12) S 1-chlorooctadecane (S...	13.034	1846297	19.123 ug/ml
Spiked Amount 50.000		Recovery =	38.25%
Target Compounds			
1) T n-Nonane (C9)	3.351	2292653	21.547 ug/ml
2) T n-Decane (C10)	4.422	2319915	21.814 ug/ml
3) T A~Naphthalene (C11.7)	6.015	2457934	21.344 ug/ml
4) T n-Dodecane (C12)	6.442	2377711	21.930 ug/ml
5) T A~2-methylnaphthalene...	7.073	2466619	21.500 ug/ml
6) T n-Tetradecane (C14)	8.238	2360301	21.883 ug/ml
7) T n-Hexadecane (C16)	9.839	2297973	21.587 ug/ml
8) T n-Octadecane (C18)	11.280	2363984	21.015 ug/ml
10) T n-Eicosane (C20)	12.589	2306588	20.209 ug/ml
11) T n-Heneicosane (C21)	13.200	2254710	19.764 ug/ml
13) T n-Docosane (C22)	13.785	2210889	19.373 ug/ml
14) T n-Tetracosane (C24)	14.887	2151562	18.840 ug/ml
15) T n-Hexacosane (C26)	15.907	2083800	18.378 ug/ml
16) T n-Octacosane (C28)	16.856	2078560	18.318 ug/ml
17) T n-Tricontane (C30)	17.742	2071445	18.631 ug/ml
18) T n-Dotriacontane (C32)	18.574	1933322	18.740 ug/ml
19) T n-Tetratriacontane (C34)	19.355	1800952	18.717 ug/ml
20) T n-Hexatriacontane (C36)	20.093	1621992	18.054 ug/ml
21) T n-Octatriacontane (C38)	20.834	1502097	18.066 ug/ml
22) T n-Tetracontane (C40)	21.753	1499763	17.922 ug/ml

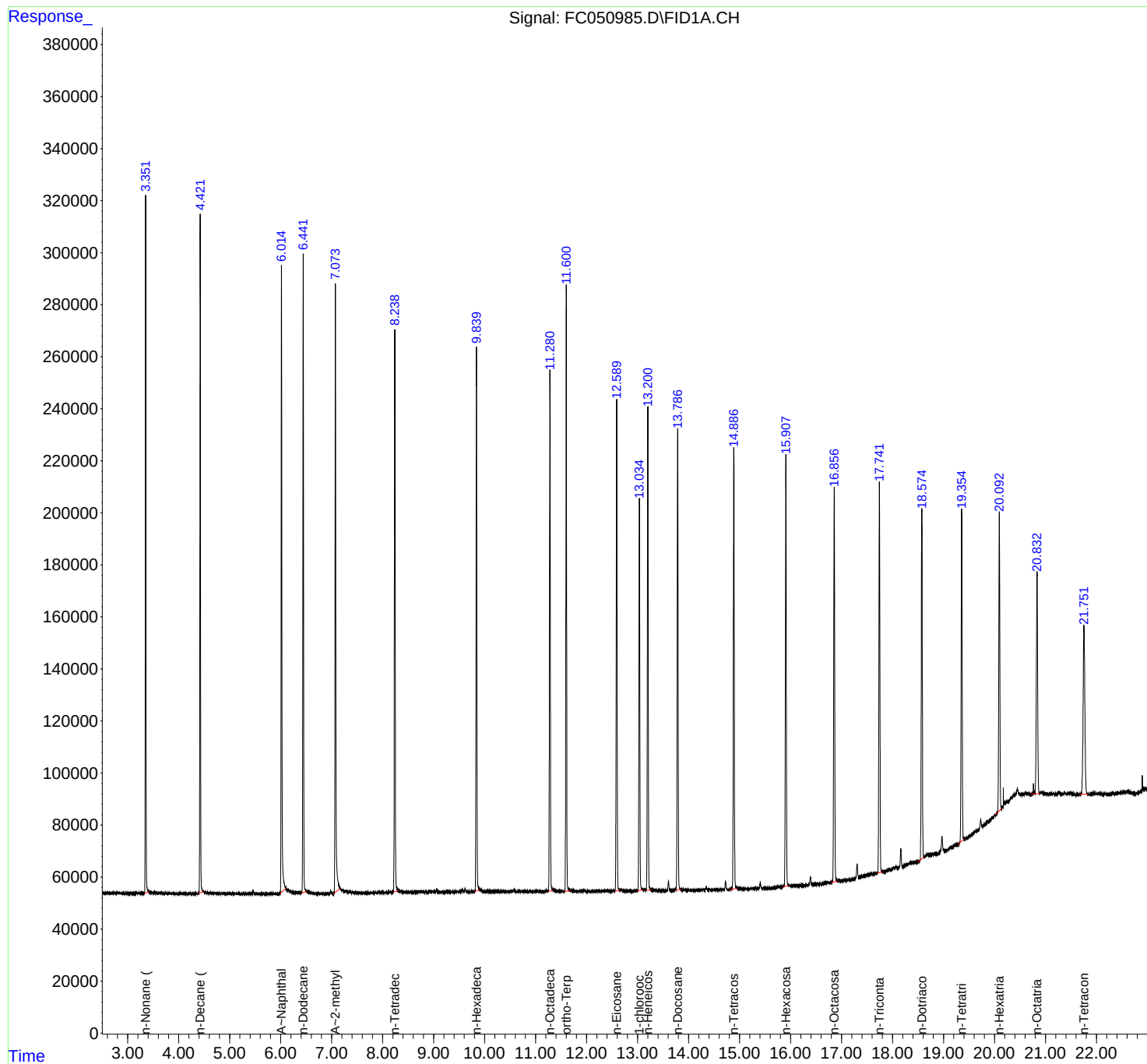
(f)=RT Delta > 1/2 Window

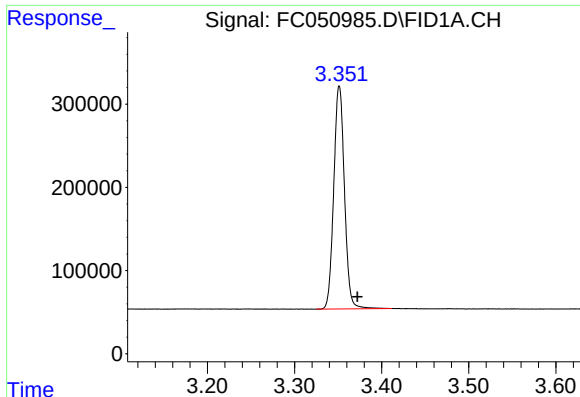
(m)=manual int.

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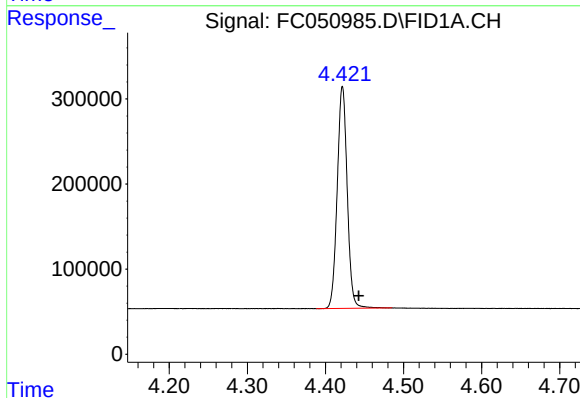
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Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





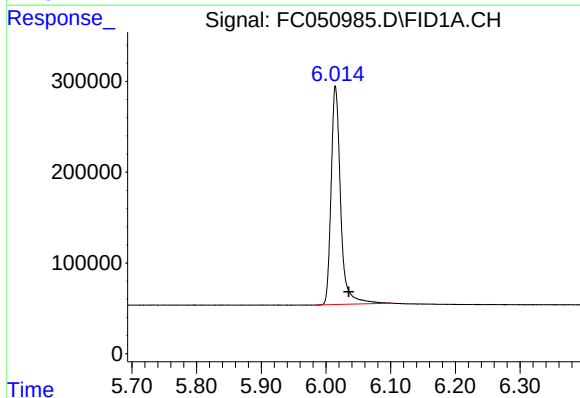
#1 n-Nonane (C9)

R.T.: 3.351 min
Delta R.T.: -0.021 min
Response: 2292653
Conc: 21.55 ug/ml



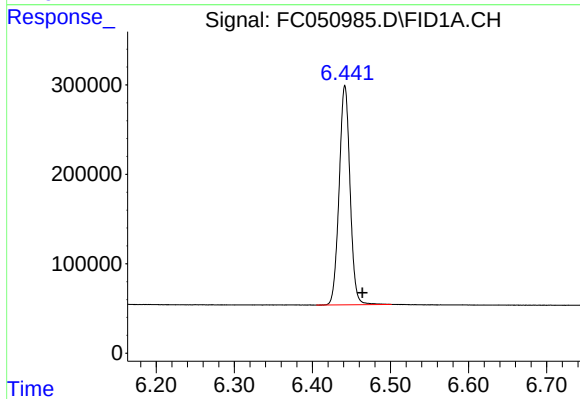
#2 n-Decane (C10)

R.T.: 4.422 min
Delta R.T.: -0.021 min
Response: 2319915
Conc: 21.81 ug/ml



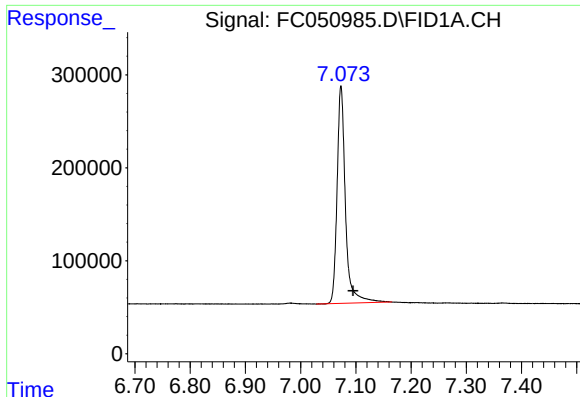
#3 A~Naphthalene (C11.7)

R.T.: 6.015 min
Delta R.T.: -0.020 min
Response: 2457934
Conc: 21.34 ug/ml



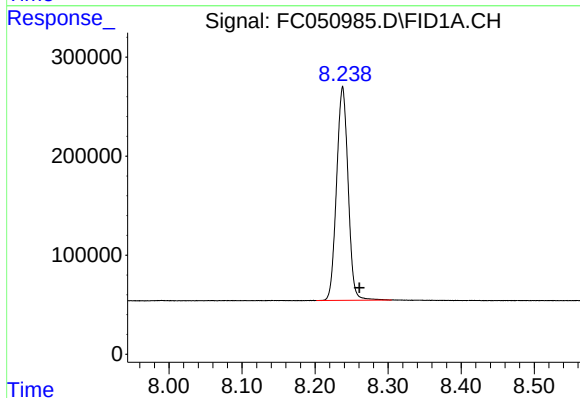
#4 n-Dodecane (C12)

R.T.: 6.442 min
Delta R.T.: -0.022 min
Response: 2377711
Conc: 21.93 ug/ml



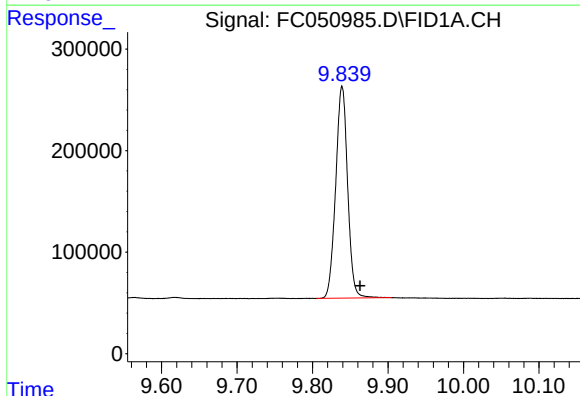
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.073 min
Delta R.T.: -0.022 min
Response: 2466619
Conc: 21.50 ug/ml



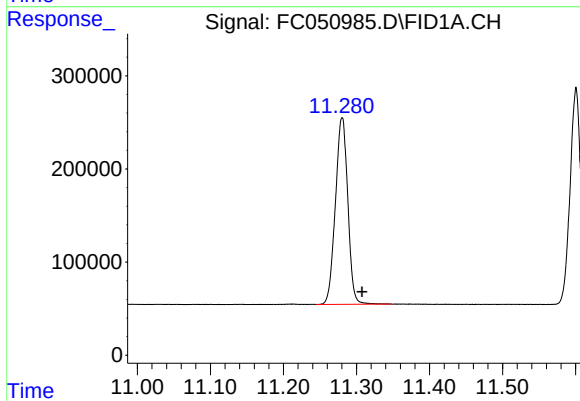
#6 n-Tetradecane (C14)

R.T.: 8.238 min
Delta R.T.: -0.023 min
Response: 2360301
Conc: 21.88 ug/ml



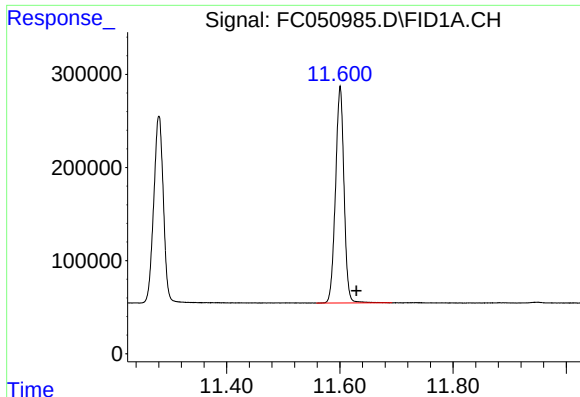
#7 n-Hexadecane (C16)

R.T.: 9.839 min
Delta R.T.: -0.024 min
Response: 2297973
Conc: 21.59 ug/ml



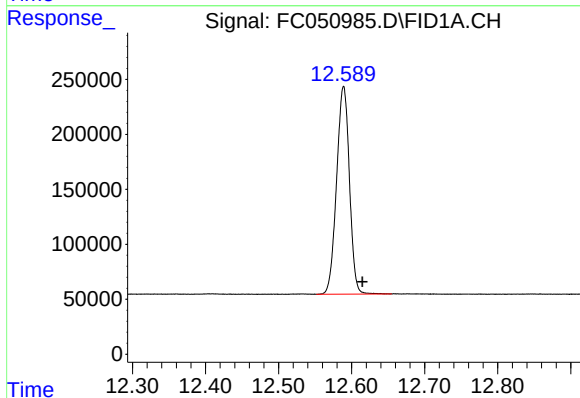
#8 n-Octadecane (C18)

R.T.: 11.280 min
Delta R.T.: -0.028 min
Response: 2363984
Conc: 21.02 ug/ml



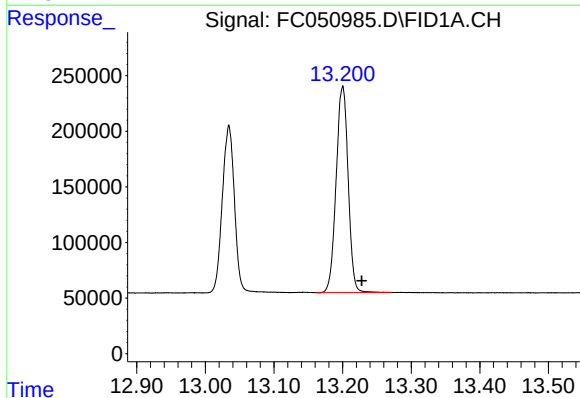
#9 ortho-Terphenyl (SURR)

R.T.: 11.600 min
Delta R.T.: -0.029 min
Response: 2424730
Conc: 19.74 ug/ml



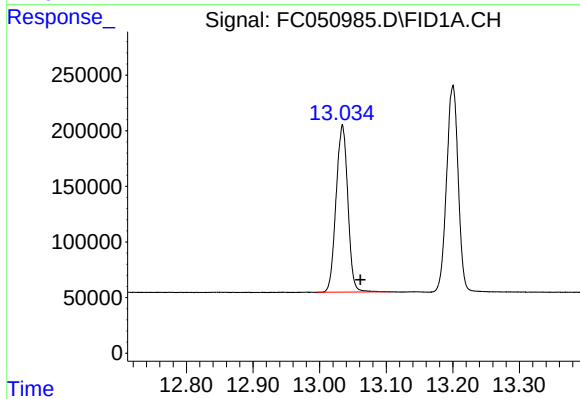
#10 n-Eicosane (C20)

R.T.: 12.589 min
Delta R.T.: -0.026 min
Response: 2306588
Conc: 20.21 ug/ml



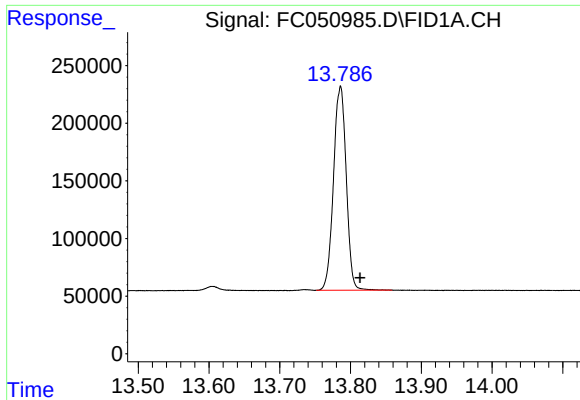
#11 n-Heneicosane (C21)

R.T.: 13.200 min
Delta R.T.: -0.028 min
Response: 2254710
Conc: 19.76 ug/ml



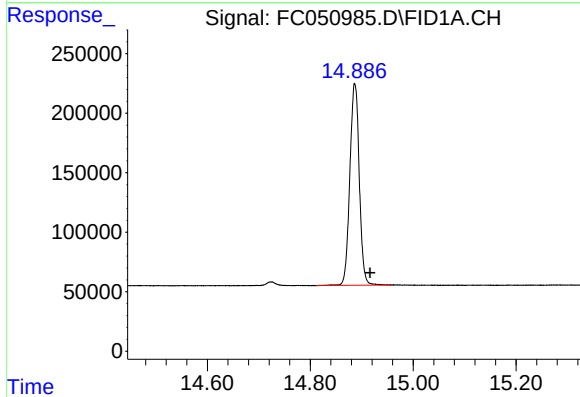
#12 1-chlorooctadecane (SURR)

R.T.: 13.034 min
Delta R.T.: -0.027 min
Response: 1846297
Conc: 19.12 ug/ml



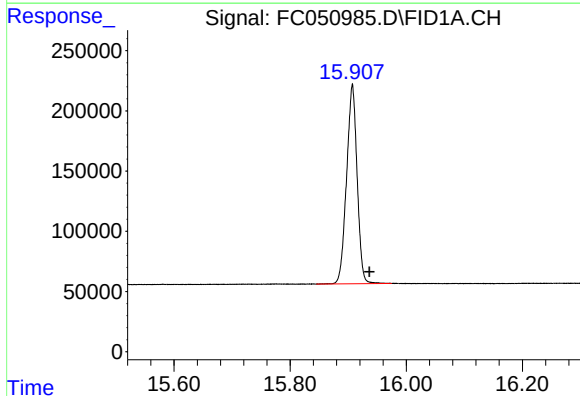
#13 n-Docosane (C22)

R.T.: 13.785 min
Delta R.T.: -0.028 min
Response: 2210889
Conc: 19.37 ug/ml



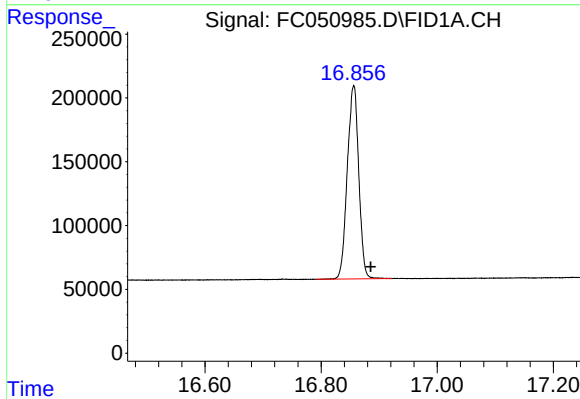
#14 n-Tetracosane (C24)

R.T.: 14.887 min
Delta R.T.: -0.030 min
Response: 2151562
Conc: 18.84 ug/ml



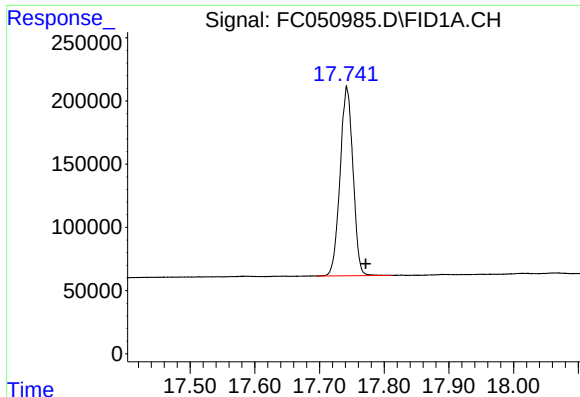
#15 n-Hexacosane (C26)

R.T.: 15.907 min
Delta R.T.: -0.030 min
Response: 2083800
Conc: 18.38 ug/ml



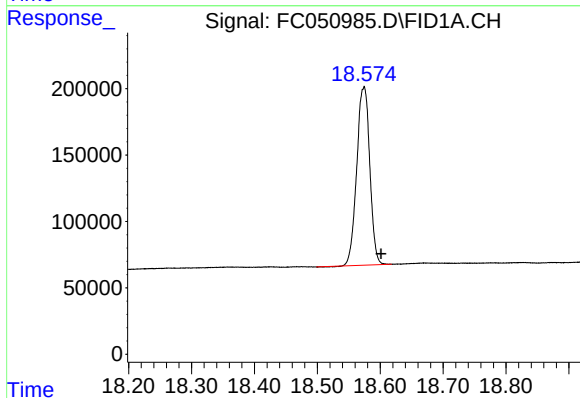
#16 n-Octacosane (C28)

R.T.: 16.856 min
Delta R.T.: -0.030 min
Response: 2078560
Conc: 18.32 ug/ml



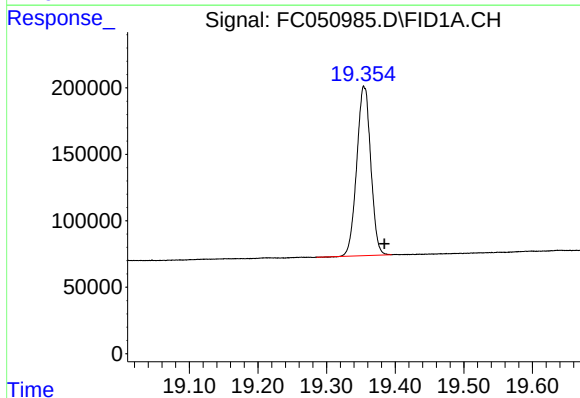
#17 n-Tricontane (C30)

R.T.: 17.742 min
Delta R.T.: -0.029 min
Response: 2071445
Conc: 18.63 ug/ml



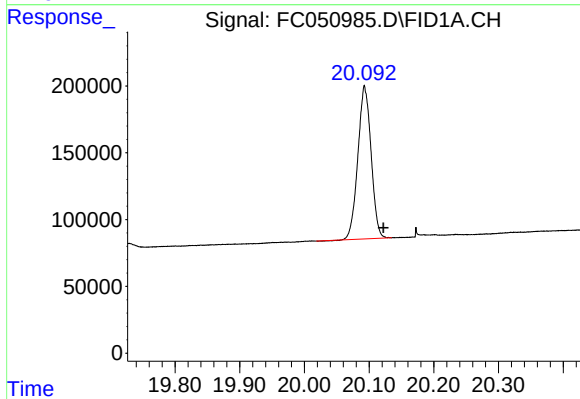
#18 n-Dotriacontane (C32)

R.T.: 18.574 min
Delta R.T.: -0.027 min
Response: 1933322
Conc: 18.74 ug/ml



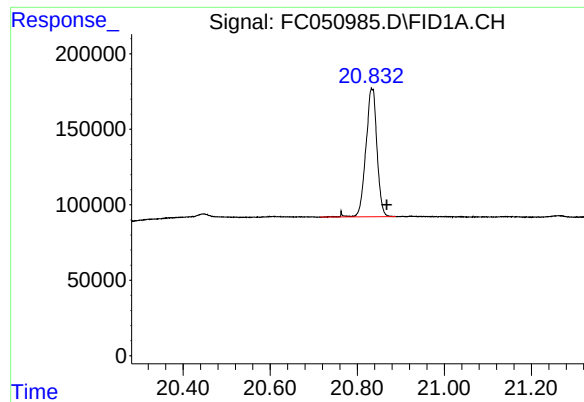
#19 n-Tetratriacontane (C34)

R.T.: 19.355 min
Delta R.T.: -0.030 min
Response: 1800952
Conc: 18.72 ug/ml



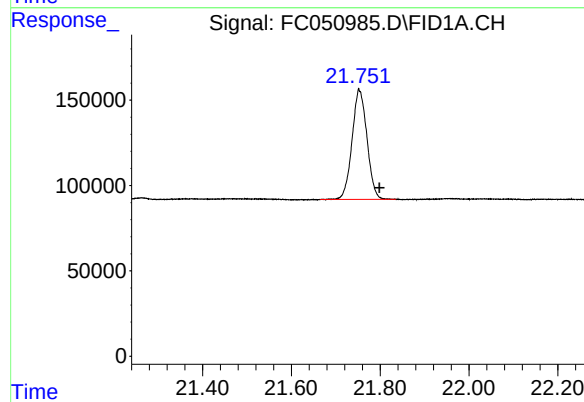
#20 n-Hexatriacontane (C36)

R.T.: 20.093 min
Delta R.T.: -0.029 min
Response: 1621992
Conc: 18.05 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.834 min
Delta R.T.: -0.034 min
Response: 1502097
Conc: 18.07 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.753 min
Delta R.T.: -0.046 min
Response: 1499763
Conc: 17.92 ug/ml