

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC111120AL\
 Data File : FC050758.D
 Signal(s) : FID1A.CH
 Acq On : 12 Nov 2020 2:21
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Nov 12 02:44:13 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)	11.616	2293349	18.671 ug/ml
Spiked Amount 50.000		Recovery =	37.34%
12) S 1-chlorooctadecane (S...	13.049	1782019	18.457 ug/ml
Spiked Amount 50.000		Recovery =	36.91%
Target Compounds			
1) T n-Nonane (C9)	3.363	2273779	21.369 ug/ml
2) T n-Decane (C10)	4.433	2292128	21.552 ug/ml
3) T A~Naphthalene (C11.7)	6.027	2429148	21.094 ug/ml
4) T n-Dodecane (C12)	6.454	2317486	21.374 ug/ml
5) T A~2-methylnaphthalene...	7.086	2424606	21.133 ug/ml
6) T n-Tetradecane (C14)	8.250	2287805	21.211 ug/ml
7) T n-Hexadecane (C16)	9.852	2212893	20.788 ug/ml
8) T n-Octadecane (C18)	11.295	2254728	20.044 ug/ml
10) T n-Eicosane (C20)	12.603	2186805	19.160 ug/ml
11) T n-Heneicosane (C21)	13.215	2136746	18.730 ug/ml
13) T n-Docosane (C22)	13.802	2097567	18.380 ug/ml
14) T n-Tetracosane (C24)	14.904	2038799	17.853 ug/ml
15) T n-Hexacosane (C26)	15.924	1965793	17.338 ug/ml
16) T n-Octacosane (C28)	16.874	1957549	17.252 ug/ml
17) T n-Tricontane (C30)	17.760	1955585	17.589 ug/ml
18) T n-Dotriacontane (C32)	18.591	1861616	18.045 ug/ml
19) T n-Tetratriacontane (C34)	19.374	1761787	18.309 ug/ml
20) T n-Hexatriacontane (C36)	20.112	1688784	18.797 ug/ml
21) T n-Octatriacontane (C38)	20.854	1618807	19.469 ug/ml
22) T n-Tetracontane (C40)	21.785	1663411	19.878 ug/ml

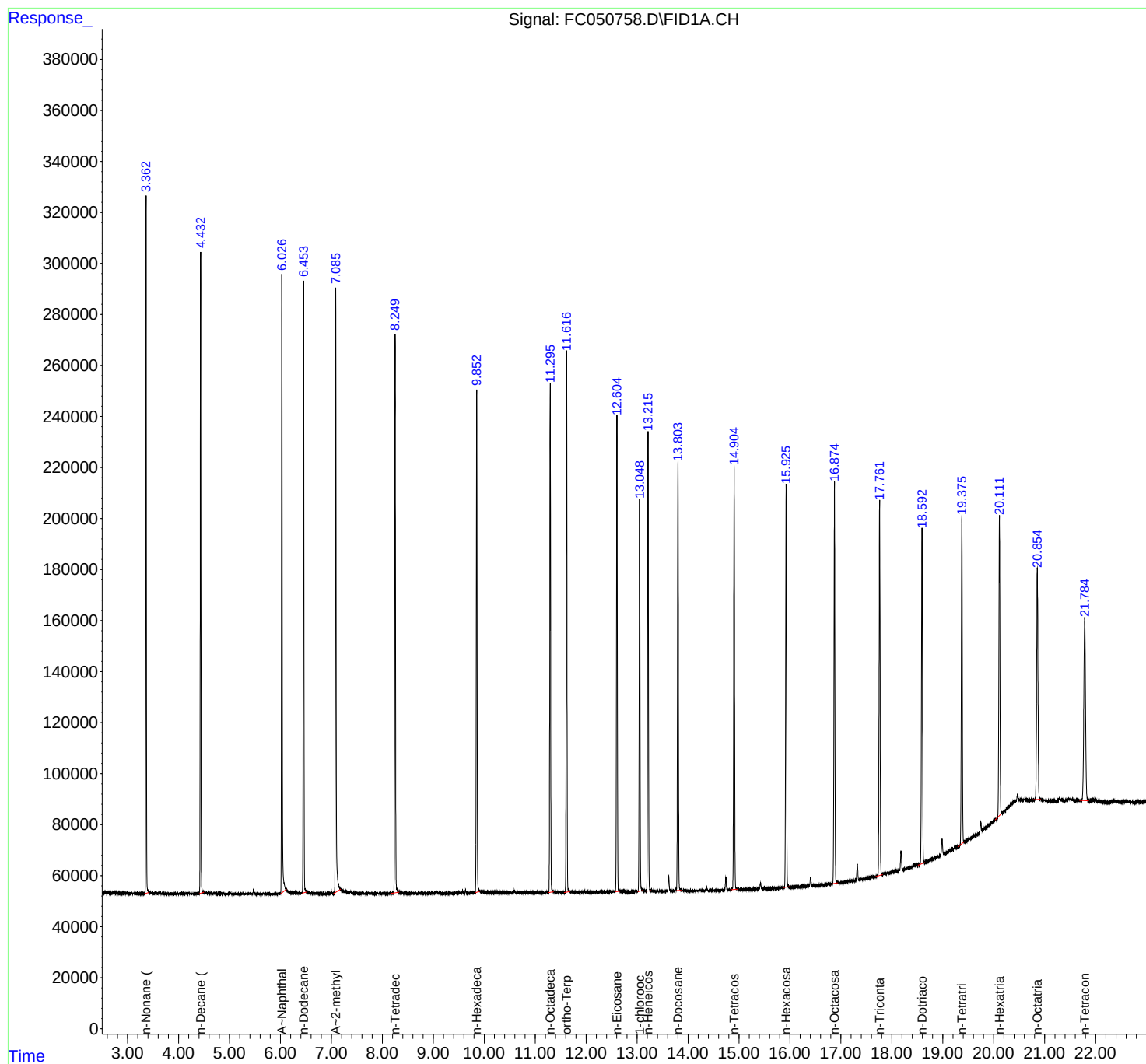
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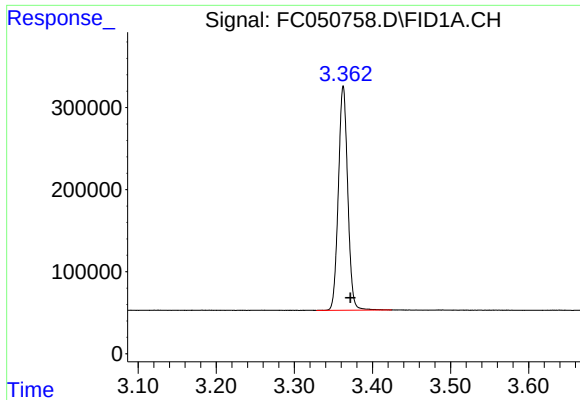
(m)=manual int.

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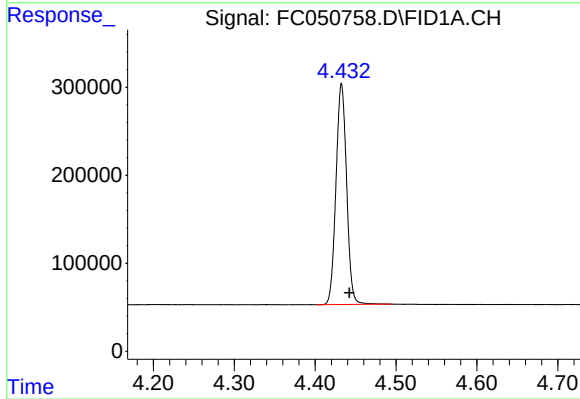
Volume Inj. : 1 uL
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





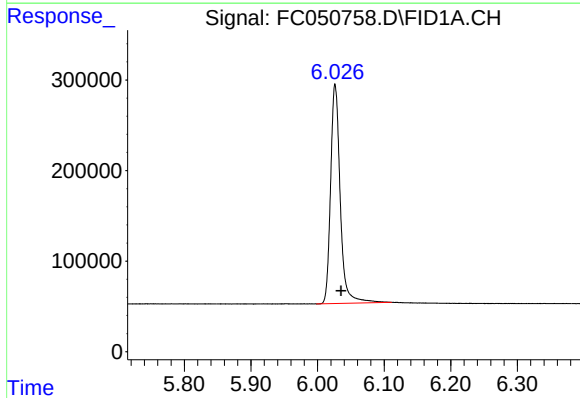
#1 n-Nonane (C9)

R.T.: 3.363 min
Delta R.T.: -0.009 min
Response: 2273779
Conc: 21.37 ug/ml



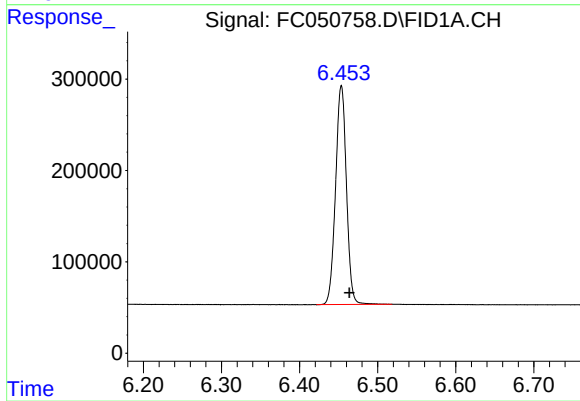
#2 n-Decane (C10)

R.T.: 4.433 min
Delta R.T.: -0.010 min
Response: 2292128
Conc: 21.55 ug/ml



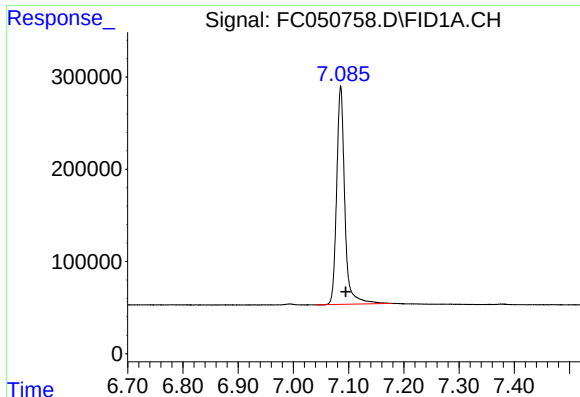
#3 A~Naphthalene (C11.7)

R.T.: 6.027 min
Delta R.T.: -0.009 min
Response: 2429148
Conc: 21.09 ug/ml



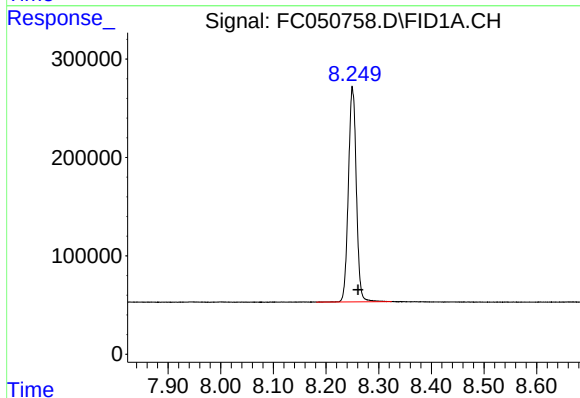
#4 n-Dodecane (C12)

R.T.: 6.454 min
Delta R.T.: -0.010 min
Response: 2317486
Conc: 21.37 ug/ml



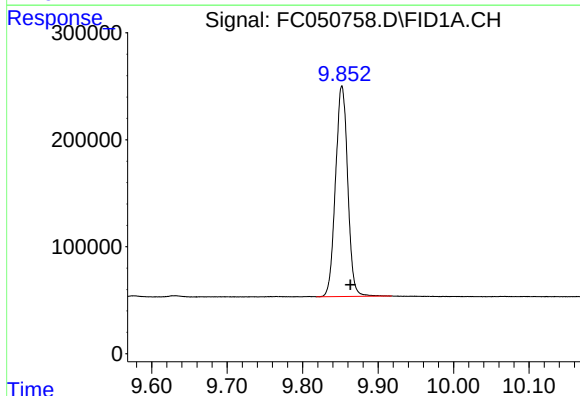
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.086 min
Delta R.T.: -0.009 min
Response: 2424606
Conc: 21.13 ug/ml



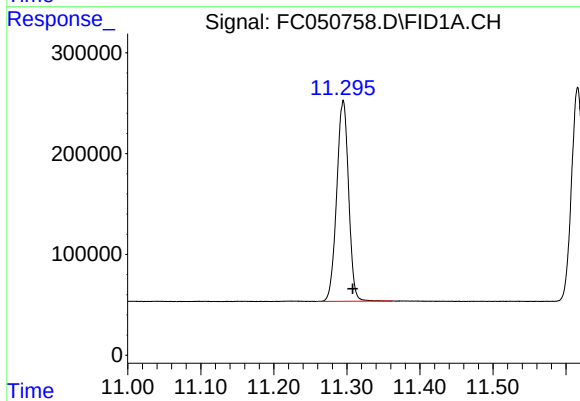
#6 n-Tetradecane (C14)

R.T.: 8.250 min
Delta R.T.: -0.010 min
Response: 2287805
Conc: 21.21 ug/ml



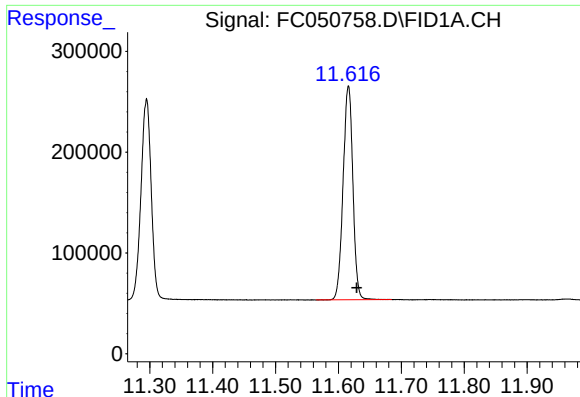
#7 n-Hexadecane (C16)

R.T.: 9.852 min
Delta R.T.: -0.011 min
Response: 2212893
Conc: 20.79 ug/ml



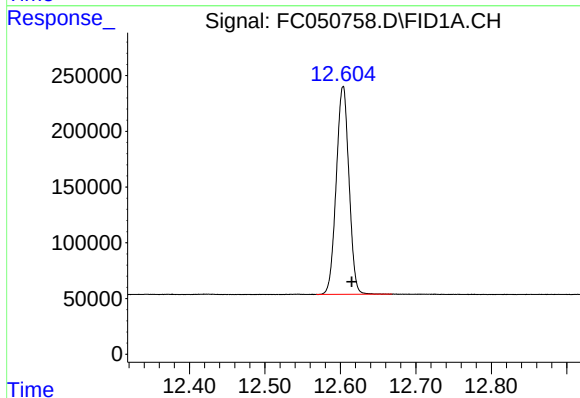
#8 n-Octadecane (C18)

R.T.: 11.295 min
Delta R.T.: -0.013 min
Response: 2254728
Conc: 20.04 ug/ml



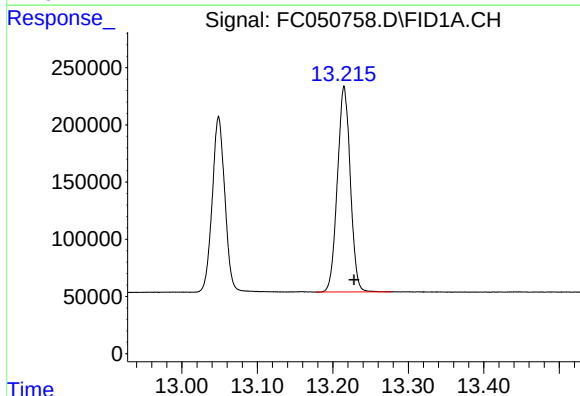
#9 ortho-Terphenyl (SURR)

R.T.: 11.616 min
Delta R.T.: -0.013 min
Response: 2293349
Conc: 18.67 ug/ml



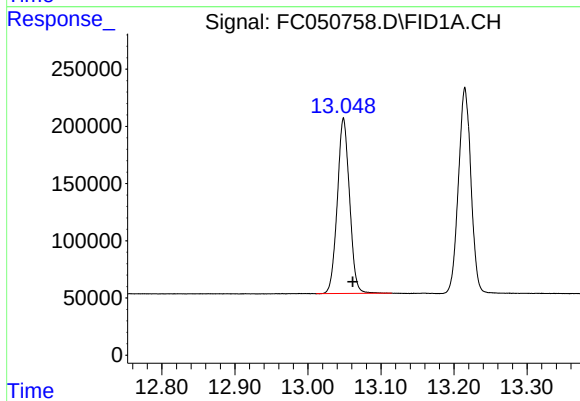
#10 n-Eicosane (C20)

R.T.: 12.603 min
Delta R.T.: -0.012 min
Response: 2186805
Conc: 19.16 ug/ml



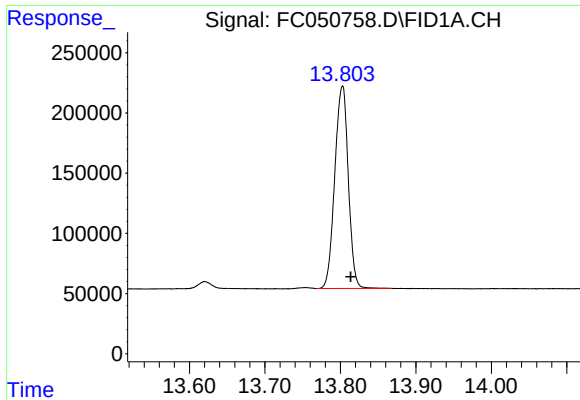
#11 n-Heneicosane (C21)

R.T.: 13.215 min
Delta R.T.: -0.013 min
Response: 2136746
Conc: 18.73 ug/ml



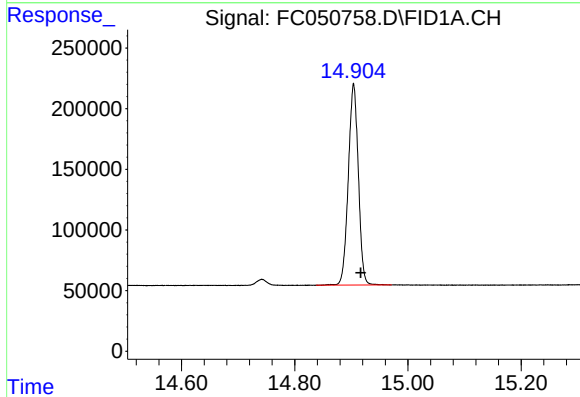
#12 1-chlorooctadecane (SURR)

R.T.: 13.049 min
Delta R.T.: -0.013 min
Response: 1782019
Conc: 18.46 ug/ml



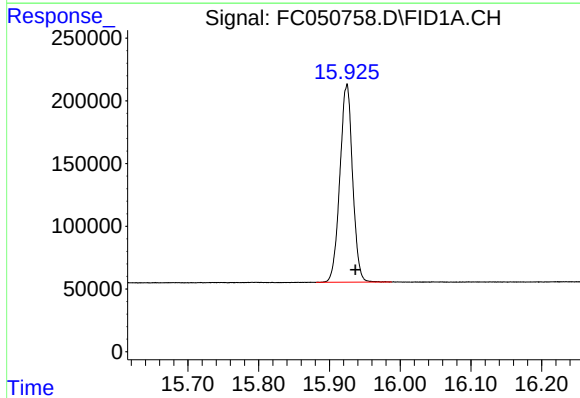
#13 n-Docosane (C22)

R.T.: 13.802 min
Delta R.T.: -0.011 min
Response: 2097567
Conc: 18.38 ug/ml



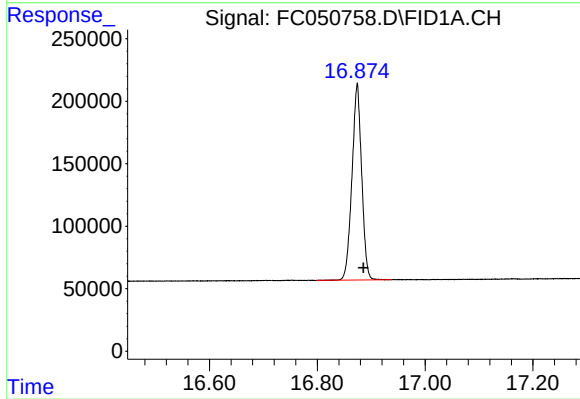
#14 n-Tetracosane (C24)

R.T.: 14.904 min
Delta R.T.: -0.013 min
Response: 2038799
Conc: 17.85 ug/ml



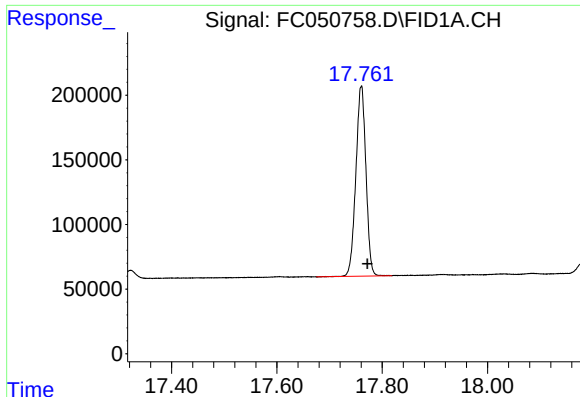
#15 n-Hexacosane (C26)

R.T.: 15.924 min
Delta R.T.: -0.012 min
Response: 1965793
Conc: 17.34 ug/ml



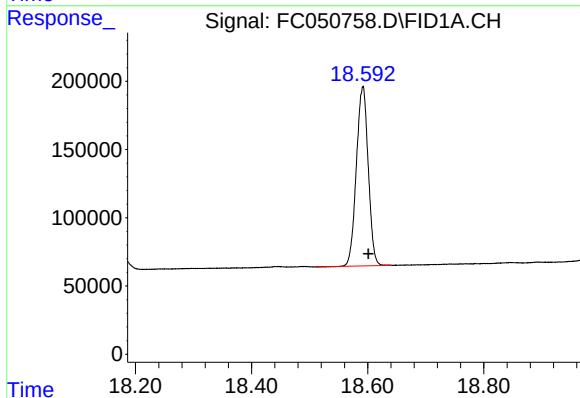
#16 n-Octacosane (C28)

R.T.: 16.874 min
Delta R.T.: -0.012 min
Response: 1957549
Conc: 17.25 ug/ml



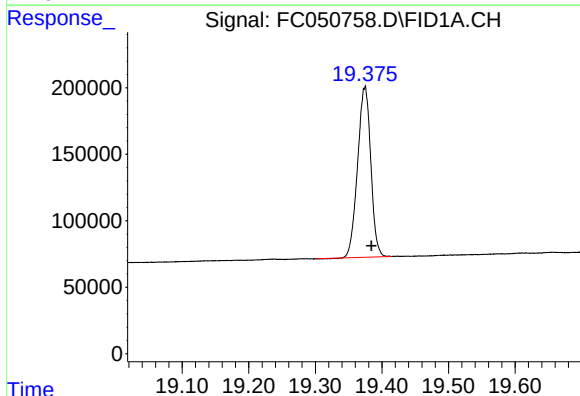
#17 n-Tricontane (C30)

R.T.: 17.760 min
Delta R.T.: -0.011 min
Response: 1955585
Conc: 17.59 ug/ml



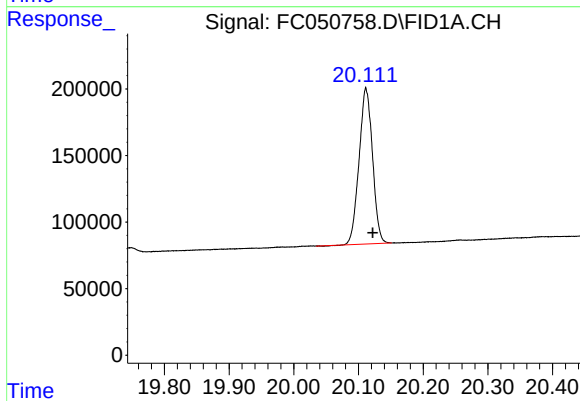
#18 n-Dotriacontane (C32)

R.T.: 18.591 min
Delta R.T.: -0.010 min
Response: 1861616
Conc: 18.04 ug/ml



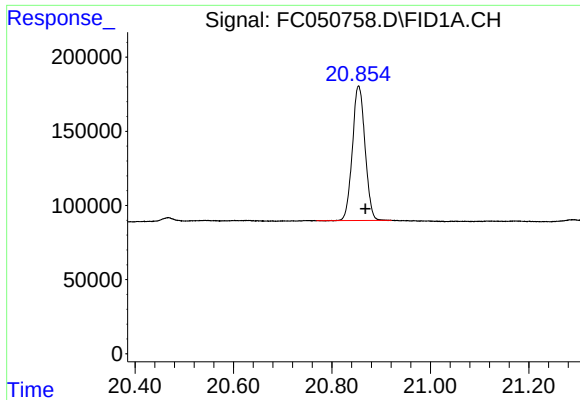
#19 n-Tetratriacontane (C34)

R.T.: 19.374 min
Delta R.T.: -0.010 min
Response: 1761787
Conc: 18.31 ug/ml



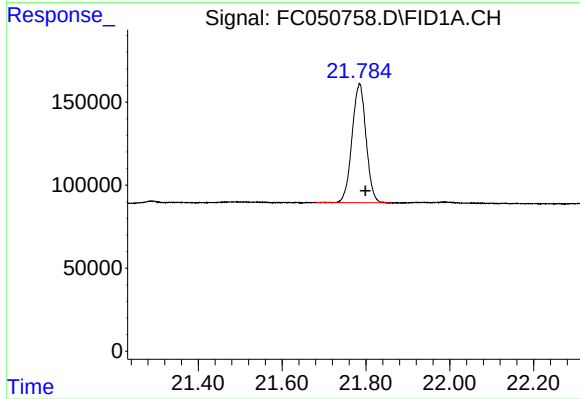
#20 n-Hexatriacontane (C36)

R.T.: 20.112 min
Delta R.T.: -0.010 min
Response: 1688784
Conc: 18.80 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.854 min
Delta R.T.: -0.013 min
Response: 1618807
Conc: 19.47 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.785 min
Delta R.T.: -0.014 min
Response: 1663411
Conc: 19.88 ug/ml