

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC030320AL\
 Data File : FC046085.D
 Signal(s) : FID1A.CH
 Acq On : 04 Mar 2020 4:43
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Mar 04 05:49:03 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 022120.M
 Quant Title : GC Extractables
 QLast Update : Sat Feb 22 03:16:45 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)	11.769	2268374	19.884 ug/ml
Spiked Amount 50.000		Recovery =	39.77%
12) S 1-chlorooctadecane (S...	13.187	1752093	19.531 ug/ml
Spiked Amount 50.000		Recovery =	39.06%
Target Compounds			
1) T n-Nonane (C9)	3.536	2197590	21.801 ug/ml
2) T n-Decane (C10)	4.607	2231853	22.128 ug/ml
3) T A~Naphthalene (C11.7)	6.209	2434103	21.922 ug/ml
4) T n-Dodecane (C12)	6.620	2253476	22.089 ug/ml
5) T A~2-methylnaphthalene...	7.262	2437721	21.915 ug/ml
6) T n-Tetradecane (C14)	8.406	2233062	21.814 ug/ml
7) T n-Hexadecane (C16)	10.000	2209368	21.339 ug/ml
8) T n-Octadecane (C18)	11.436	2175509	20.695 ug/ml
10) T n-Eicosane (C20)	12.741	2115926	20.016 ug/ml
11) T n-Heneicosane (C21)	13.351	2096384	19.655 ug/ml
13) T n-Docosane (C22)	13.934	2052061	19.312 ug/ml
14) T n-Tetracosane (C24)	15.032	2004033	18.725 ug/ml
15) T n-Hexacosane (C26)	16.051	1944144	18.292 ug/ml
16) T n-Octacosane (C28)	16.997	1897601	18.125 ug/ml
17) T n-Tricontane (C30)	17.882	1845007	18.309 ug/ml
18) T n-Dotriacontane (C32)	18.710	1597296	18.664 ug/ml
19) T n-Tetratriacontane (C34)	19.490	1384950	19.082 ug/ml
20) T n-Hexatriacontane (C36)	20.226	1320947	19.532 ug/ml
21) T n-Octatriacontane (C38)	20.994	1184361	19.595 ug/ml
22) T n-Tetracontane (C40)	21.962	1263999	20.105 ug/ml

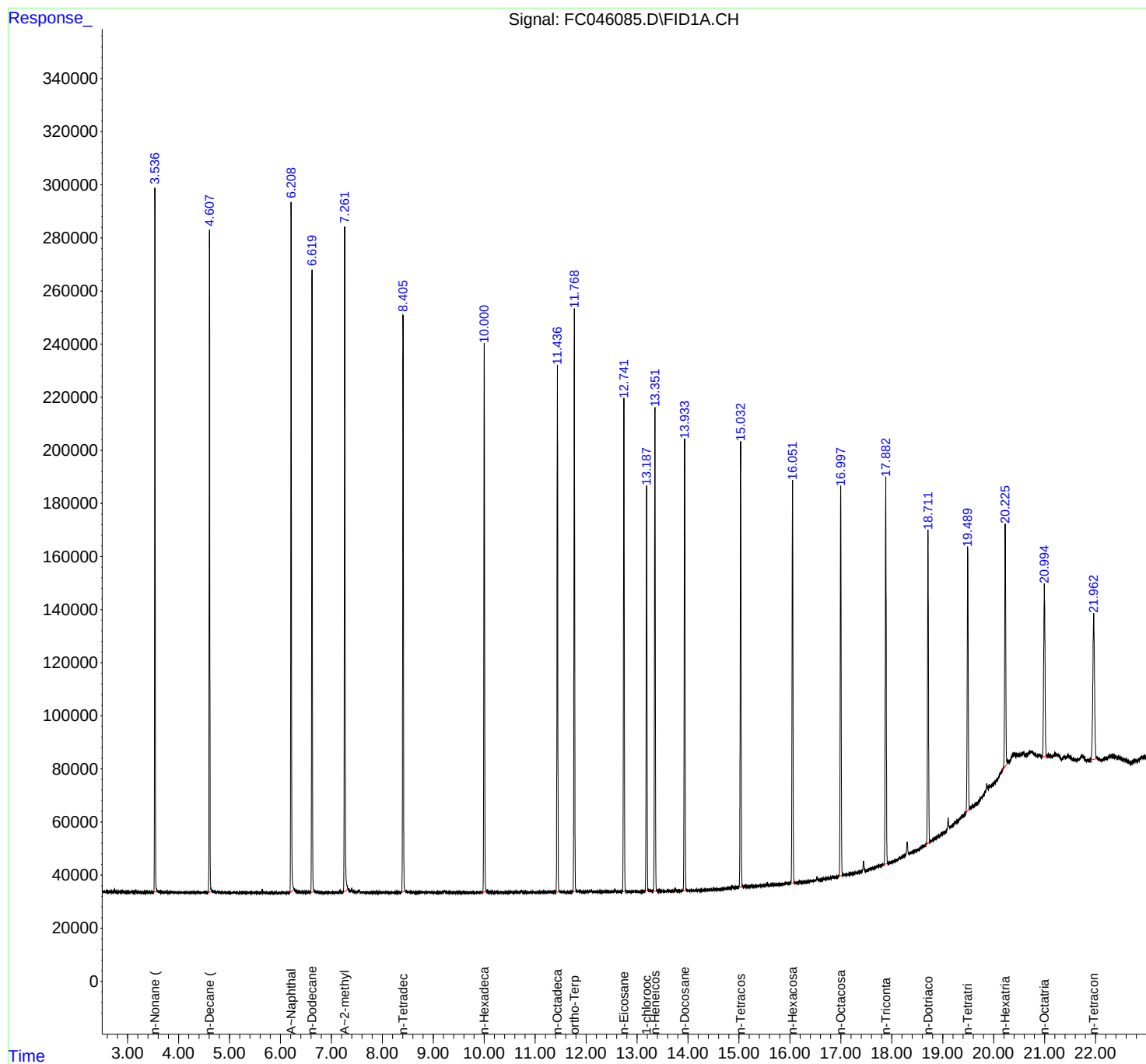
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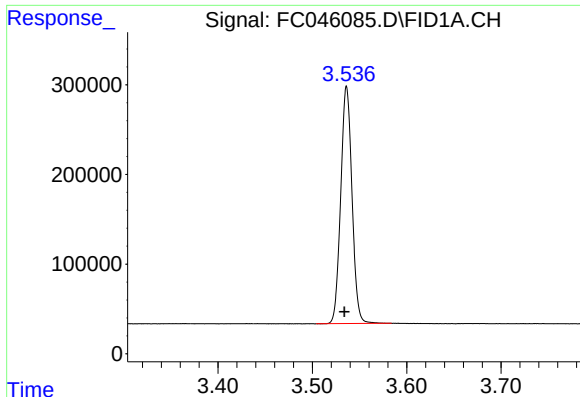
(m)=manual int.

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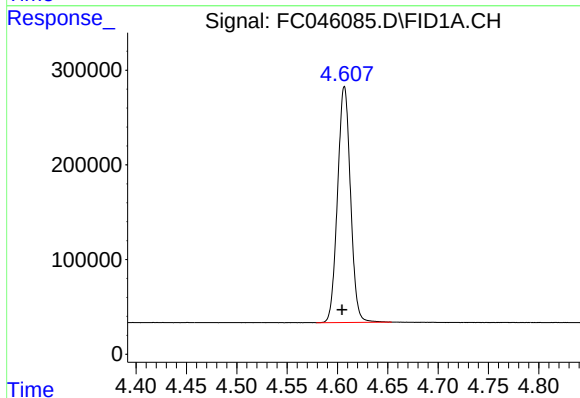
Volume Inj. : 1 uL
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





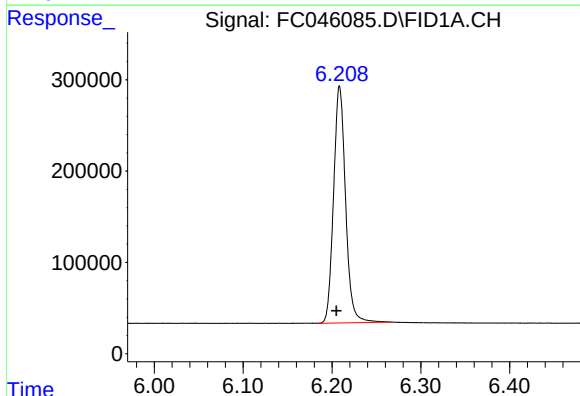
#1 n-Nonane (C9)

R.T.: 3.536 min
Delta R.T.: 0.002 min
Response: 2197590
Conc: 21.80 ug/ml



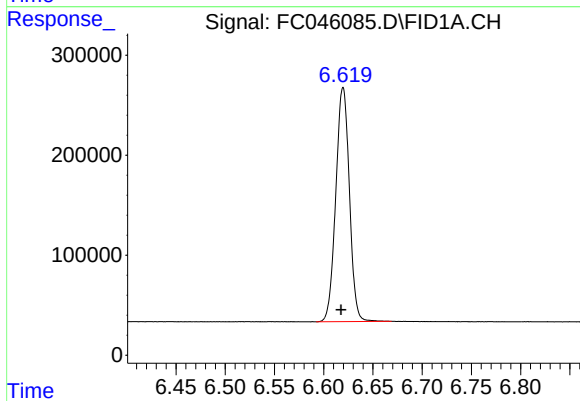
#2 n-Decane (C10)

R.T.: 4.607 min
Delta R.T.: 0.002 min
Response: 2231853
Conc: 22.13 ug/ml



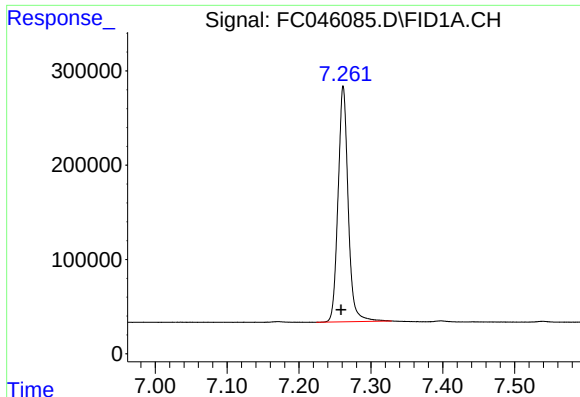
#3 A~Naphthalene (C11.7)

R.T.: 6.209 min
Delta R.T.: 0.004 min
Response: 2434103
Conc: 21.92 ug/ml



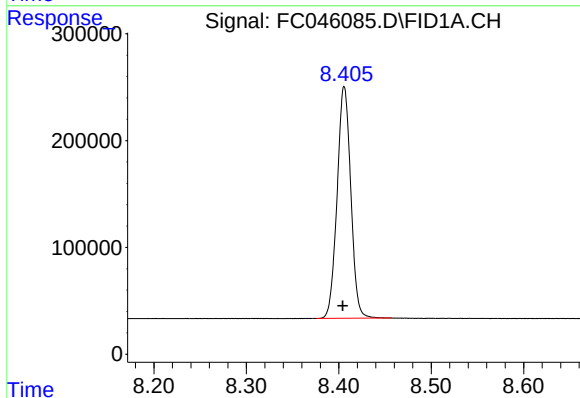
#4 n-Dodecane (C12)

R.T.: 6.620 min
Delta R.T.: 0.002 min
Response: 2253476
Conc: 22.09 ug/ml



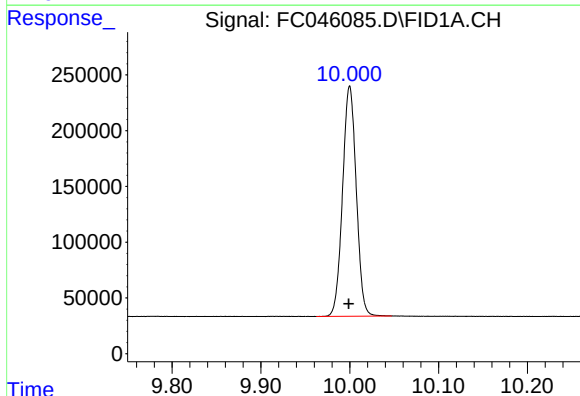
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.262 min
Delta R.T.: 0.003 min
Response: 2437721
Conc: 21.91 ug/ml



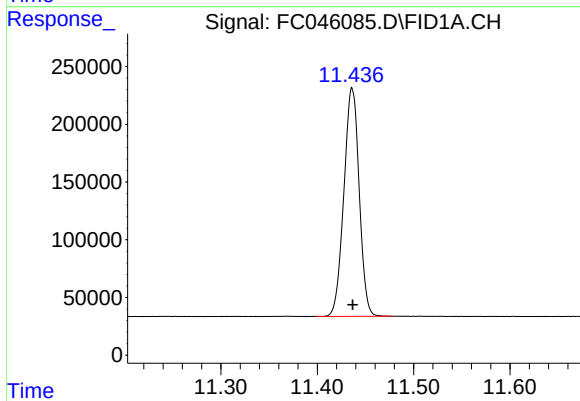
#6 n-Tetradecane (C14)

R.T.: 8.406 min
Delta R.T.: 0.002 min
Response: 2233062
Conc: 21.81 ug/ml



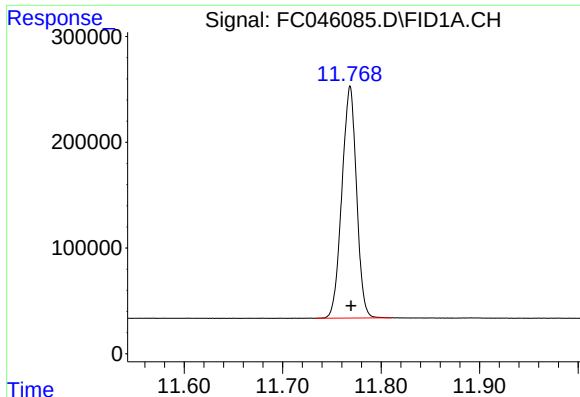
#7 n-Hexadecane (C16)

R.T.: 10.000 min
Delta R.T.: 0.001 min
Response: 2209368
Conc: 21.34 ug/ml



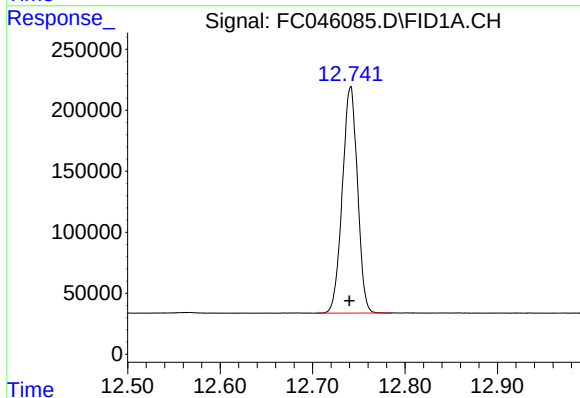
#8 n-Octadecane (C18)

R.T.: 11.436 min
Delta R.T.: 0.000 min
Response: 2175509
Conc: 20.69 ug/ml



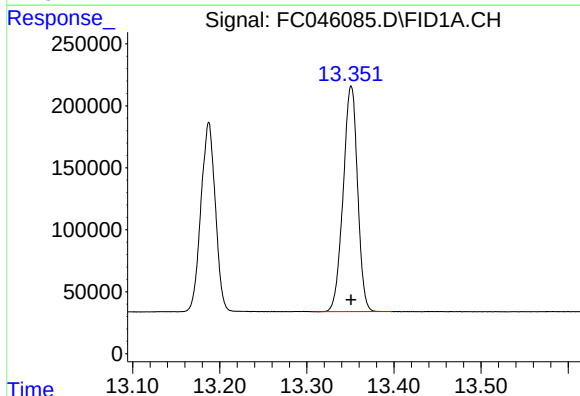
#9 ortho-Terphenyl (SURR)

R.T.: 11.769 min
Delta R.T.: -0.001 min
Response: 2268374
Conc: 19.88 ug/ml



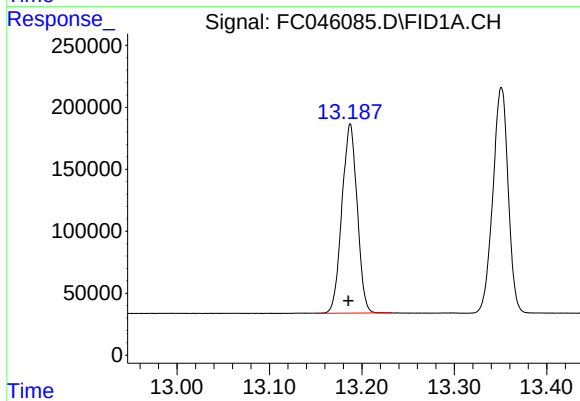
#10 n-Eicosane (C20)

R.T.: 12.741 min
Delta R.T.: 0.001 min
Response: 2115926
Conc: 20.02 ug/ml



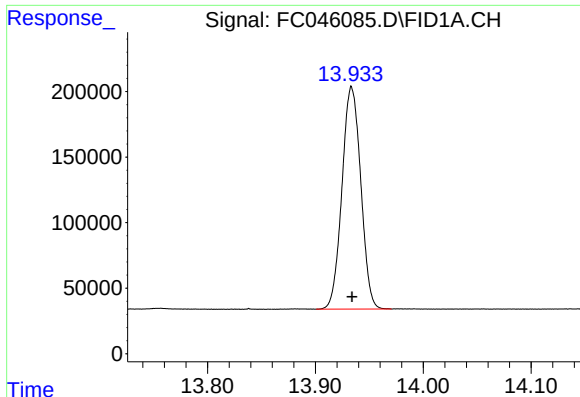
#11 n-Heneicosane (C21)

R.T.: 13.351 min
Delta R.T.: 0.000 min
Response: 2096384
Conc: 19.66 ug/ml



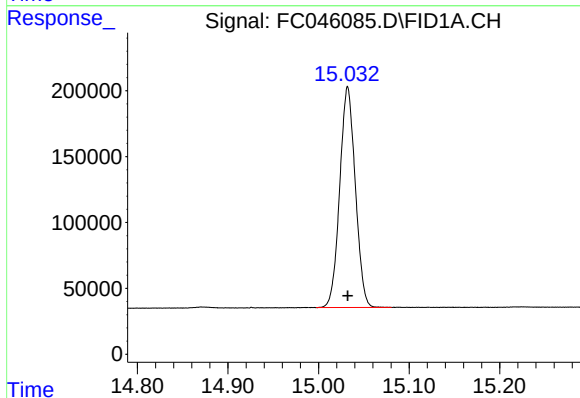
#12 1-chlorooctadecane (SURR)

R.T.: 13.187 min
Delta R.T.: 0.002 min
Response: 1752093
Conc: 19.53 ug/ml



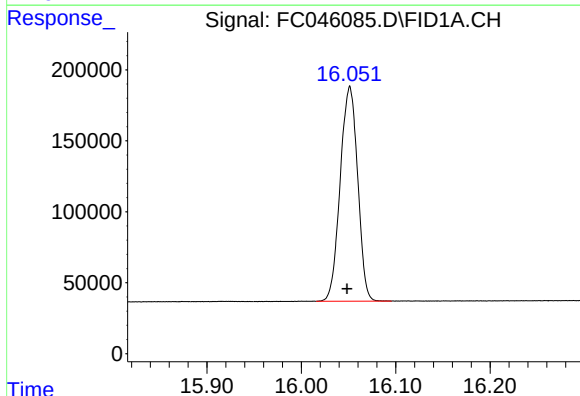
#13 n-Docosane (C22)

R.T.: 13.934 min
Delta R.T.: 0.000 min
Response: 2052061
Conc: 19.31 ug/ml



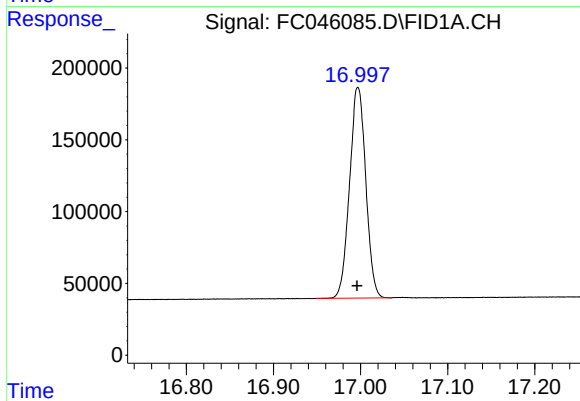
#14 n-Tetracosane (C24)

R.T.: 15.032 min
Delta R.T.: 0.000 min
Response: 2004033
Conc: 18.72 ug/ml



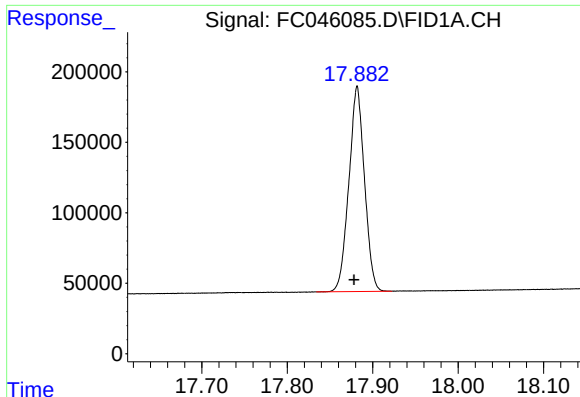
#15 n-Hexacosane (C26)

R.T.: 16.051 min
Delta R.T.: 0.003 min
Response: 1944144
Conc: 18.29 ug/ml



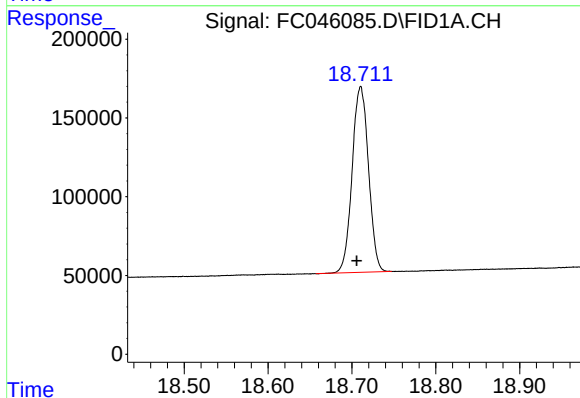
#16 n-Octacosane (C28)

R.T.: 16.997 min
Delta R.T.: 0.001 min
Response: 1897601
Conc: 18.12 ug/ml



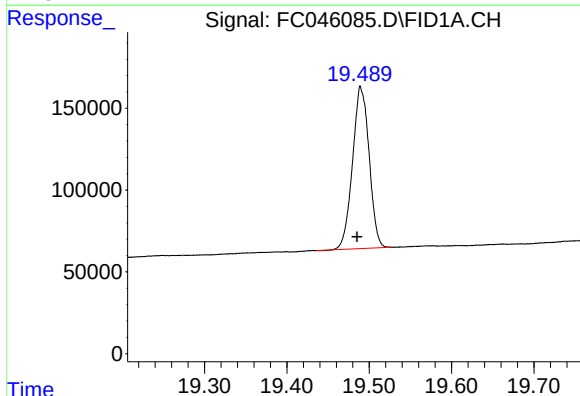
#17 n-Tricontane (C30)

R.T.: 17.882 min
Delta R.T.: 0.004 min
Response: 1845007
Conc: 18.31 ug/ml



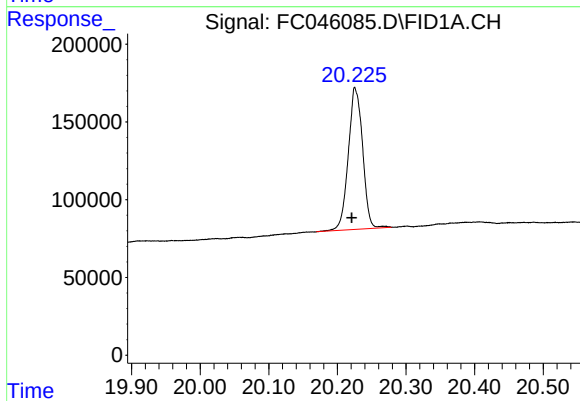
#18 n-Dotriacontane (C32)

R.T.: 18.710 min
Delta R.T.: 0.005 min
Response: 1597296
Conc: 18.66 ug/ml



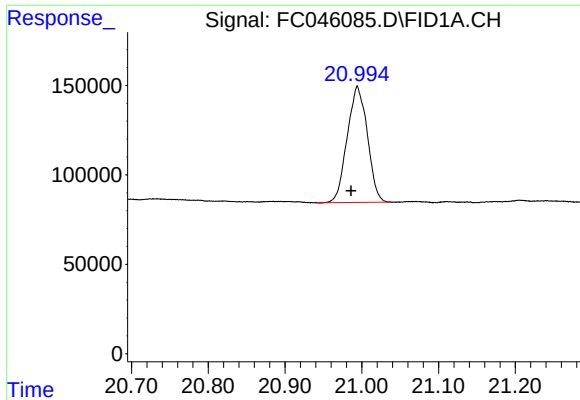
#19 n-Tetratriacontane (C34)

R.T.: 19.490 min
Delta R.T.: 0.004 min
Response: 1384950
Conc: 19.08 ug/ml



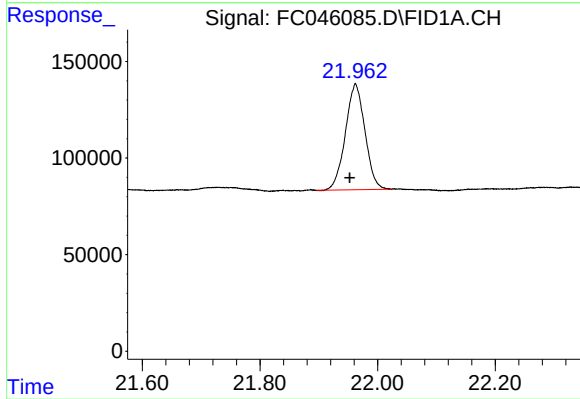
#20 n-Hexatriacontane (C36)

R.T.: 20.226 min
Delta R.T.: 0.005 min
Response: 1320947
Conc: 19.53 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.994 min
Delta R.T.: 0.008 min
Response: 1184361
Conc: 19.59 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.962 min
Delta R.T.: 0.010 min
Response: 1263999
Conc: 20.10 ug/ml