

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC021021AL\
 Data File : FC051989.D
 Signal(s) : FID1A.CH
 Acq On : 11 Feb 2021 3:51
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 11 04:45:41 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 011921.M
 Quant Title : GC Extractables
 QLast Update : Wed Jan 20 00:48:48 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)	11.697	2398316	18.799 ug/ml
Spiked Amount 50.000		Recovery =	37.60%
12) S 1-chlorooctadecane (S...	13.128	1890243	18.351 ug/ml
Spiked Amount 50.000		Recovery =	36.70%
Target Compounds			
1) T n-Nonane (C9)	3.448	2330708	21.261 ug/ml
2) T n-Decane (C10)	4.518	2360309	21.356 ug/ml
3) T A~Naphthalene (C11.7)	6.113	2628098	21.078 ug/ml
4) T n-Dodecane (C12)	6.538	2405080	21.352 ug/ml
5) T A~2-methylnaphthalene...	7.170	2662979	20.833 ug/ml
6) T n-Tetradecane (C14)	8.333	2400647	21.078 ug/ml
7) T n-Hexadecane (C16)	9.933	2331753	20.526 ug/ml
8) T n-Octadecane (C18)	11.374	2355979	19.764 ug/ml
10) T n-Eicosane (C20)	12.683	2290179	18.932 ug/ml
11) T n-Heneicosane (C21)	13.295	2240865	18.445 ug/ml
13) T n-Docosane (C22)	13.881	2202242	18.108 ug/ml
14) T n-Tetracosane (C24)	14.983	2111861	17.328 ug/ml
15) T n-Hexacosane (C26)	16.004	2022409	16.896 ug/ml
16) T n-Octacosane (C28)	16.953	1976539	16.894 ug/ml
17) T n-Tricontane (C30)	17.840	1965863	17.509 ug/ml
18) T n-Dotriacontane (C32)	18.672	1929091	18.644 ug/ml
19) T n-Tetratriacontane (C34)	19.455	2004026	21.175 ug/ml
20) T n-Hexatriacontane (C36)	20.195	2713013	31.155 ug/ml
21) T n-Octatriacontane (C38)	20.951	2215480	26.994 ug/ml
22) T n-Tetracontane (C40)	21.900	1791605	20.970 ug/ml

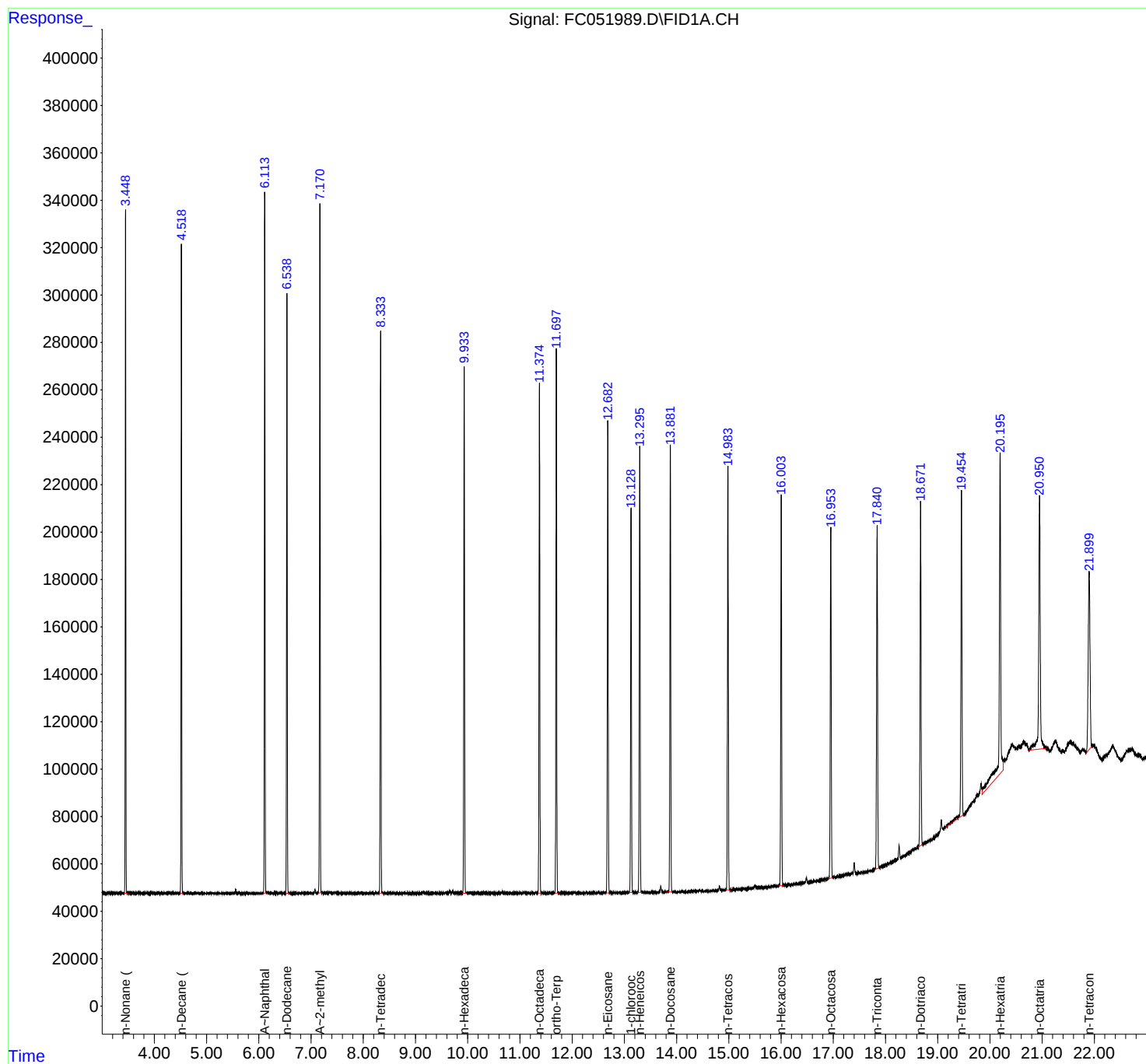
(f)=RT Delta > 1/2 Window

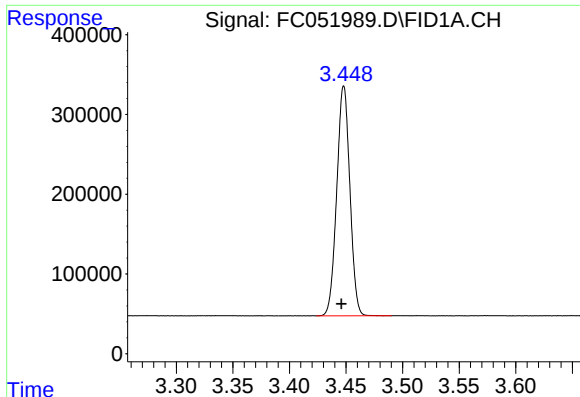
(m)=manual int.

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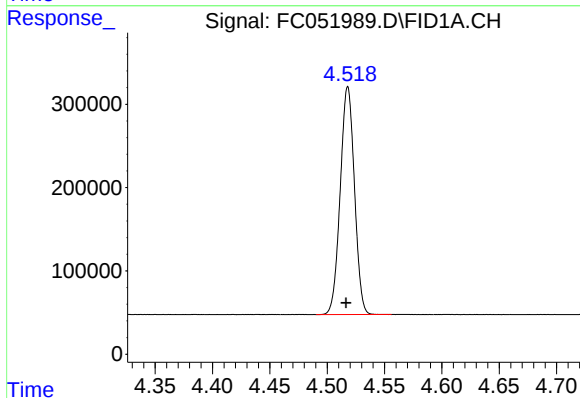
Volume Inj. : 1 uL
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





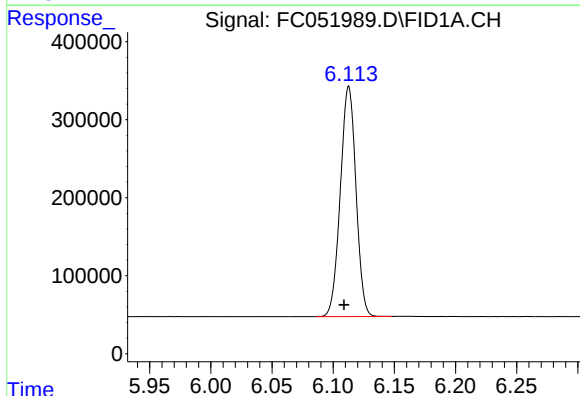
#1 n-Nonane (C9)

R.T.: 3.448 min
Delta R.T.: 0.002 min
Response: 2330708
Conc: 21.26 ug/ml



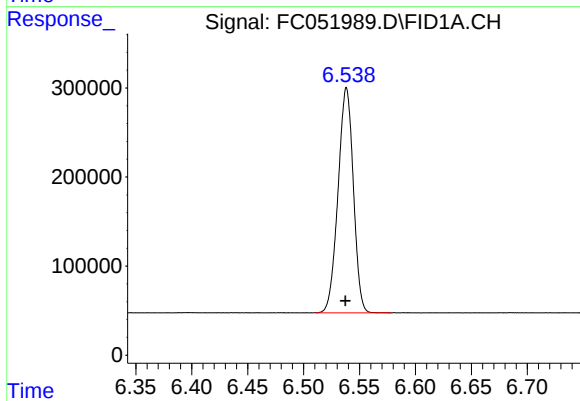
#2 n-Decane (C10)

R.T.: 4.518 min
Delta R.T.: 0.001 min
Response: 2360309
Conc: 21.36 ug/ml



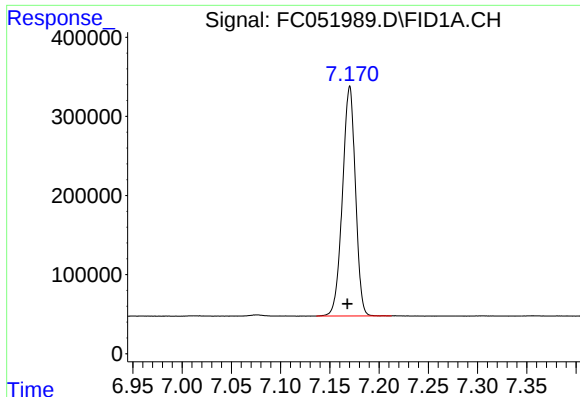
#3 A~Naphthalene (C11.7)

R.T.: 6.113 min
Delta R.T.: 0.004 min
Response: 2628098
Conc: 21.08 ug/ml



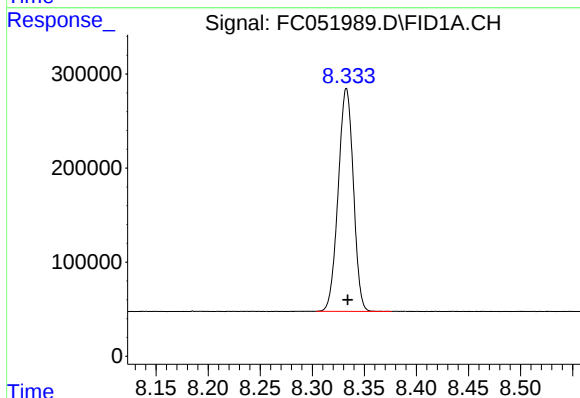
#4 n-Dodecane (C12)

R.T.: 6.538 min
Delta R.T.: 0.000 min
Response: 2405080
Conc: 21.35 ug/ml



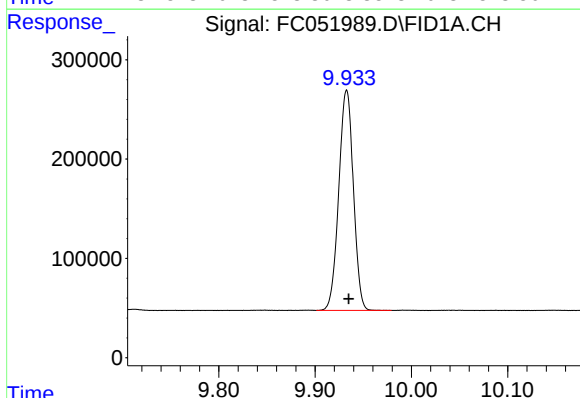
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.170 min
Delta R.T.: 0.002 min
Response: 2662979
Conc: 20.83 ug/ml



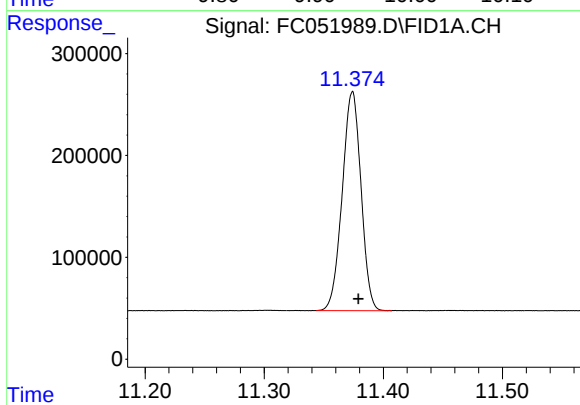
#6 n-Tetradecane (C14)

R.T.: 8.333 min
Delta R.T.: -0.001 min
Response: 2400647
Conc: 21.08 ug/ml



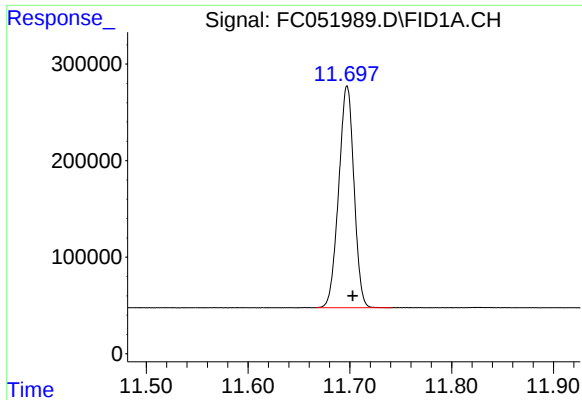
#7 n-Hexadecane (C16)

R.T.: 9.933 min
Delta R.T.: -0.002 min
Response: 2331753
Conc: 20.53 ug/ml



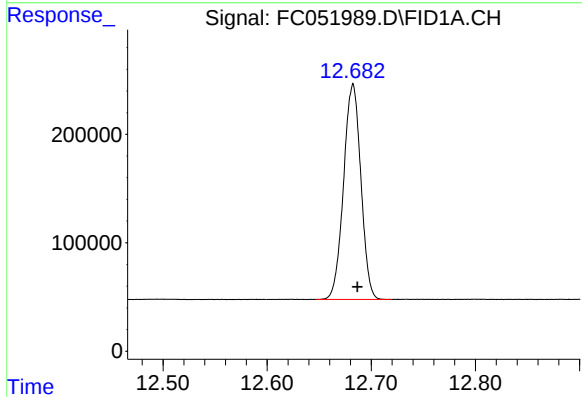
#8 n-Octadecane (C18)

R.T.: 11.374 min
Delta R.T.: -0.005 min
Response: 2355979
Conc: 19.76 ug/ml



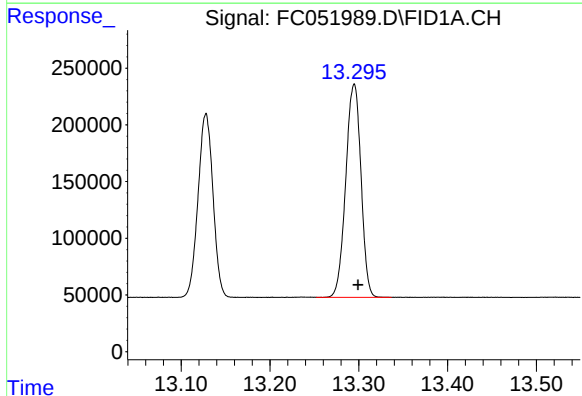
#9 ortho-Terphenyl (SURR)

R.T.: 11.697 min
Delta R.T.: -0.006 min
Response: 2398316
Conc: 18.80 ug/ml



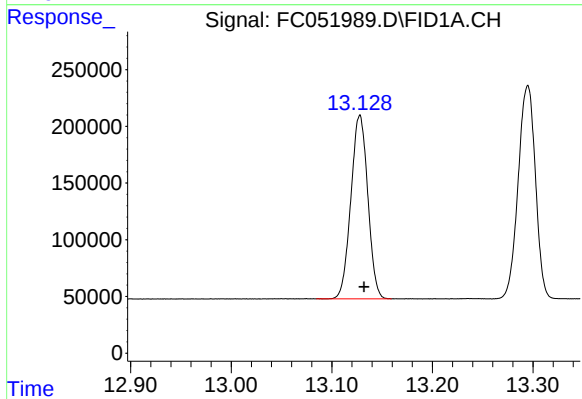
#10 n-Eicosane (C20)

R.T.: 12.683 min
Delta R.T.: -0.004 min
Response: 2290179
Conc: 18.93 ug/ml



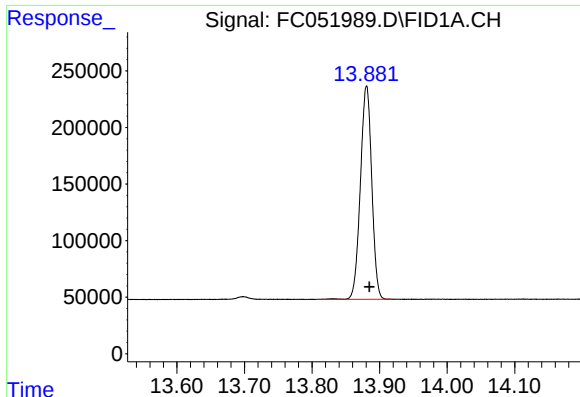
#11 n-Heneicosane (C21)

R.T.: 13.295 min
Delta R.T.: -0.004 min
Response: 2240865
Conc: 18.45 ug/ml



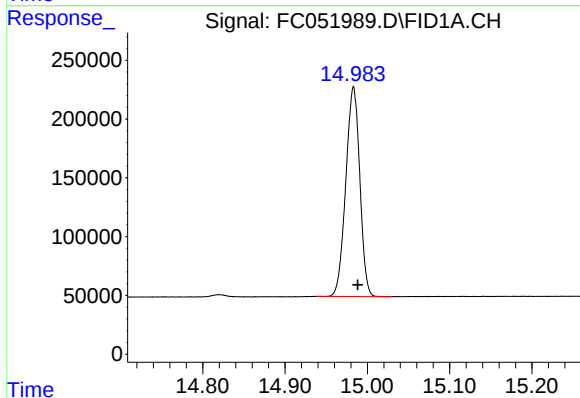
#12 1-chlorooctadecane (SURR)

R.T.: 13.128 min
Delta R.T.: -0.004 min
Response: 1890243
Conc: 18.35 ug/ml



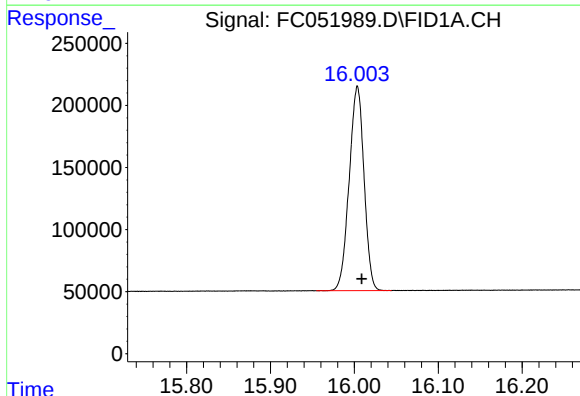
#13 n-Docosane (C22)

R.T.: 13.881 min
Delta R.T.: -0.004 min
Response: 2202242
Conc: 18.11 ug/ml



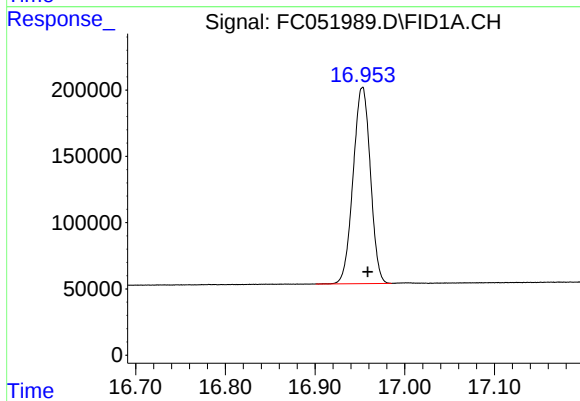
#14 n-Tetracosane (C24)

R.T.: 14.983 min
Delta R.T.: -0.005 min
Response: 2111861
Conc: 17.33 ug/ml



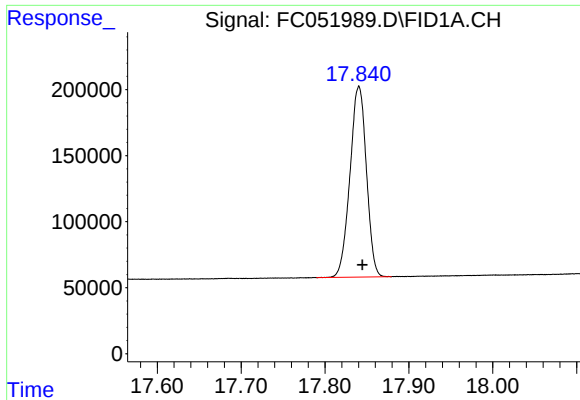
#15 n-Hexacosane (C26)

R.T.: 16.004 min
Delta R.T.: -0.005 min
Response: 2022409
Conc: 16.90 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.953 min
Delta R.T.: -0.006 min
Response: 1976539
Conc: 16.89 ug/ml



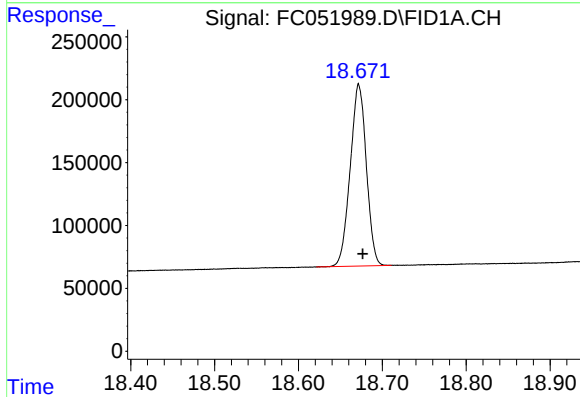
#17 n-Tricontane (C30)

R.T.: 17.840 min

Delta R.T.: -0.004 min

Response: 1965863

Conc: 17.51 ug/ml



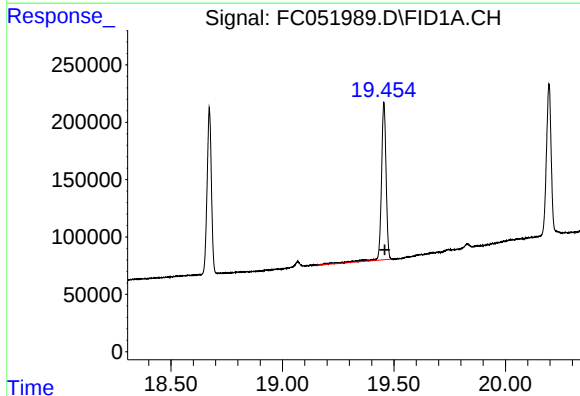
#18 n-Dotriacontane (C32)

R.T.: 18.672 min

Delta R.T.: -0.005 min

Response: 1929091

Conc: 18.64 ug/ml



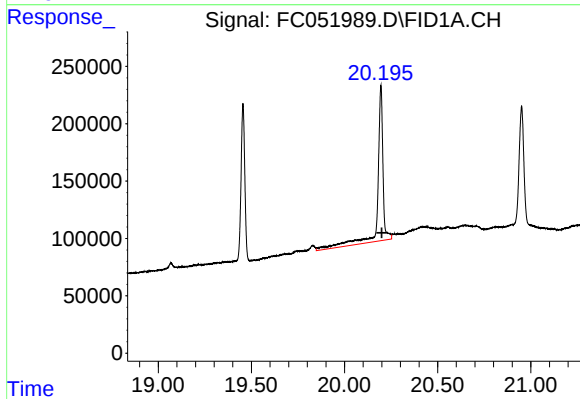
#19 n-Tetratriacontane (C34)

R.T.: 19.455 min

Delta R.T.: -0.004 min

Response: 2004026

Conc: 21.17 ug/ml



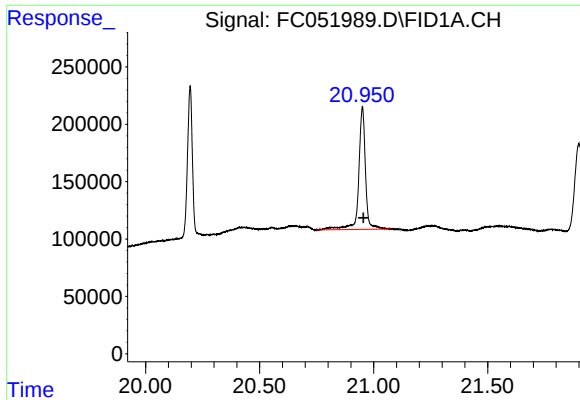
#20 n-Hexatriacontane (C36)

R.T.: 20.195 min

Delta R.T.: -0.004 min

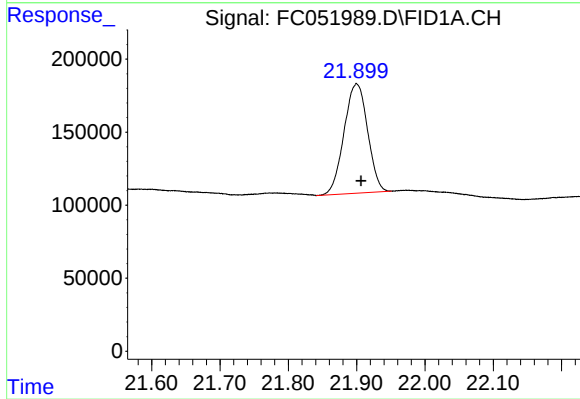
Response: 2713013

Conc: 31.16 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.951 min
Delta R.T.: -0.004 min
Response: 2215480
Conc: 26.99 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.900 min
Delta R.T.: -0.006 min
Response: 1791605
Conc: 20.97 ug/ml