

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC073120AL\
 Data File : FC048789.D
 Signal(s) : FID1A.CH
 Acq On : 31 Jul 2020 12:10
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Aug 01 00:01:05 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 070820.M
 Quant Title : GC Extractables
 QLast Update : Wed Jul 08 03:03:00 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)	11.679	2719014	19.811 ug/ml
Spiked Amount 50.000		Recovery =	39.62%
12) S 1-chlorooctadecane (S...	13.111	2189721	19.432 ug/ml
Spiked Amount 50.000		Recovery =	38.86%
Target Compounds			
1) T n-Nonane (C9)	3.411	2630426	22.066 ug/ml
2) T n-Decane (C10)	4.485	2693683	22.379 ug/ml
3) T A~Naphthalene (C11.7)	6.082	2971829	22.084 ug/ml
4) T n-Dodecane (C12)	6.511	2733785	22.345 ug/ml
5) T A~2-methylnaphthalene...	7.142	3018513	21.900 ug/ml
6) T n-Tetradecane (C14)	8.310	2708026	21.983 ug/ml
7) T n-Hexadecane (C16)	9.913	2633273	21.511 ug/ml
8) T n-Octadecane (C18)	11.356	2665091	20.824 ug/ml
10) T n-Eicosane (C20)	12.665	2596811	20.078 ug/ml
11) T n-Heneicosane (C21)	13.277	2542485	19.614 ug/ml
13) T n-Docosane (C22)	13.863	2503631	19.283 ug/ml
14) T n-Tetracosane (C24)	14.964	2426340	18.510 ug/ml
15) T n-Hexacosane (C26)	15.986	2337191	17.974 ug/ml
16) T n-Octacosane (C28)	16.936	2314247	17.711 ug/ml
17) T n-Tricontane (C30)	17.822	2280592	17.740 ug/ml
18) T n-Dotriacontane (C32)	18.648	2122262	17.964 ug/ml
19) T n-Tetratriacontane (C34)	19.432	1992672	17.852 ug/ml
20) T n-Hexatriacontane (C36)	20.172	1898016	18.046 ug/ml
21) T n-Octatriacontane (C38)	20.925	1833148	18.673 ug/ml
22) T n-Tetracontane (C40)	21.878	1864861	19.190 ug/ml

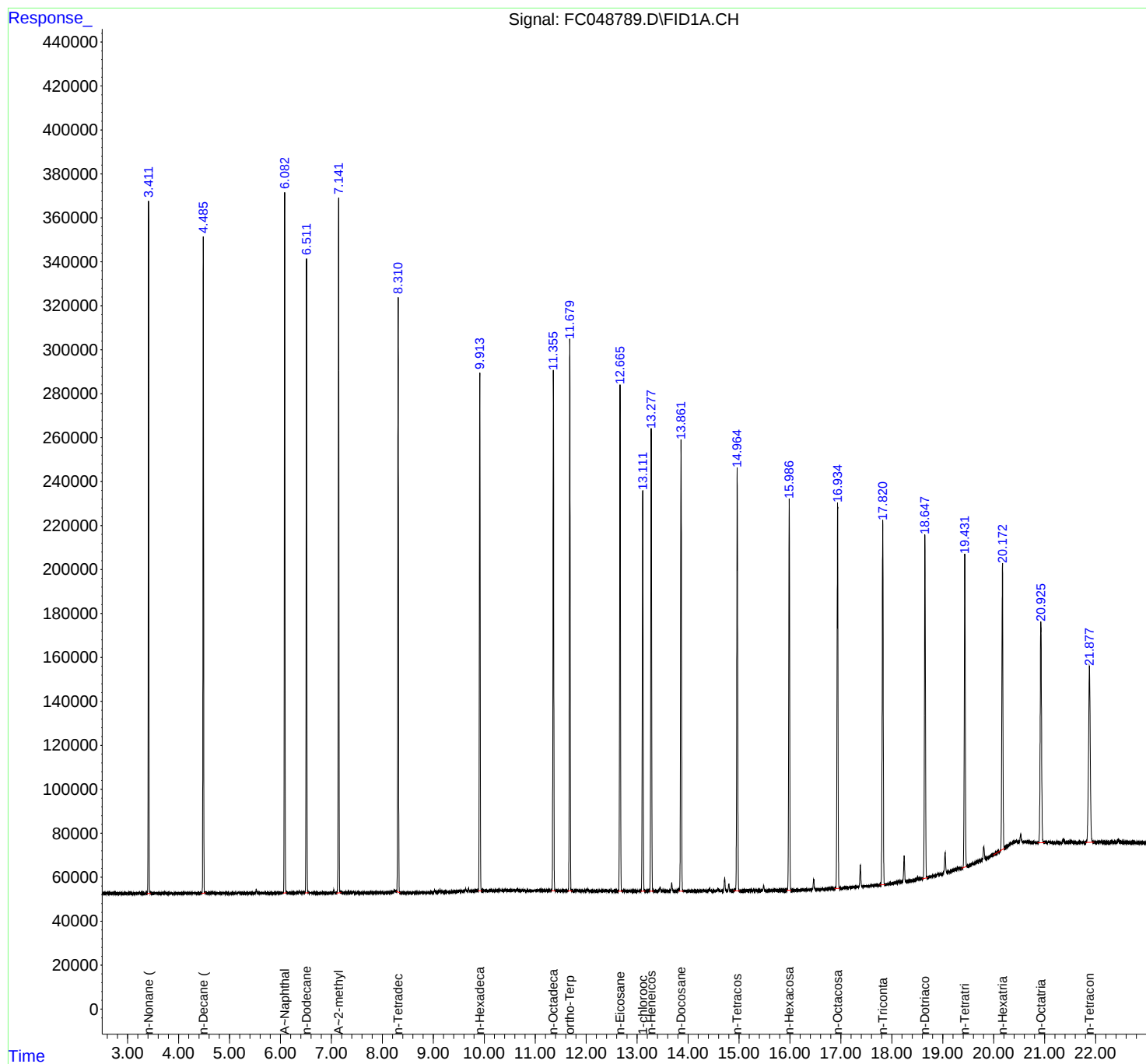
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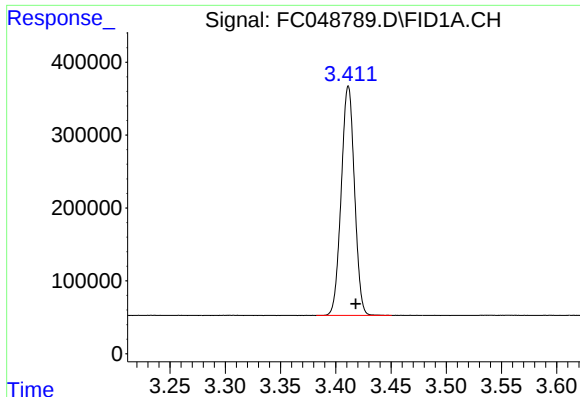
(m)=manual int.

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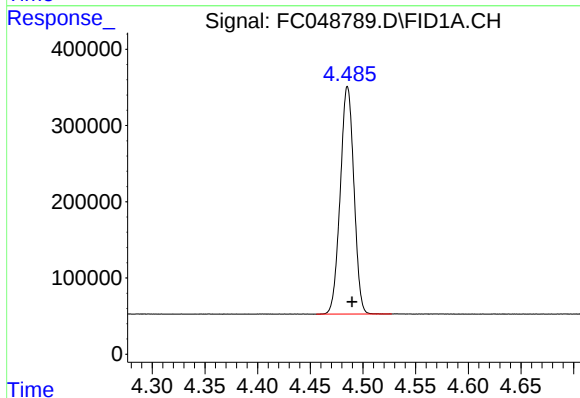
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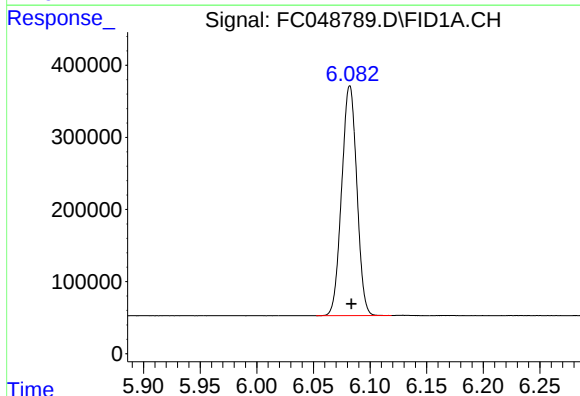
#1 n-Nonane (C9)

R.T.: 3.411 min
Delta R.T.: -0.007 min
Response: 2630426
Conc: 22.07 ug/ml



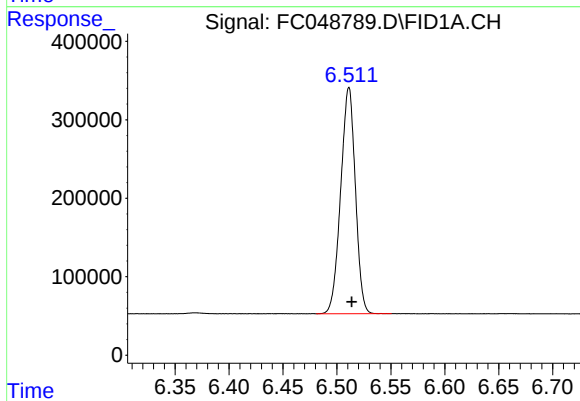
#2 n-Decane (C10)

R.T.: 4.485 min
Delta R.T.: -0.004 min
Response: 2693683
Conc: 22.38 ug/ml



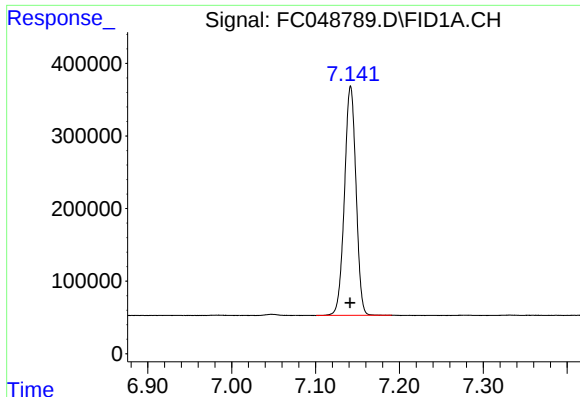
#3 A~Naphthalene (C11.7)

R.T.: 6.082 min
Delta R.T.: -0.001 min
Response: 2971829
Conc: 22.08 ug/ml



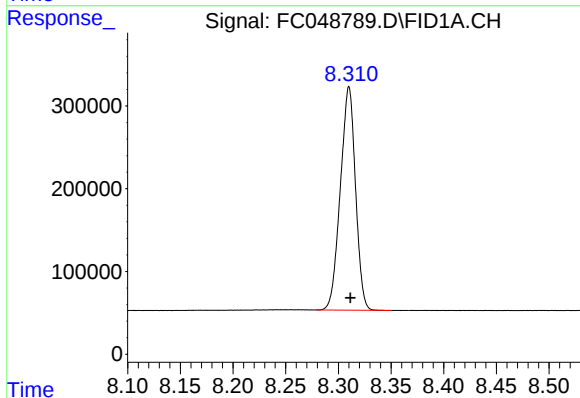
#4 n-Dodecane (C12)

R.T.: 6.511 min
Delta R.T.: -0.002 min
Response: 2733785
Conc: 22.35 ug/ml



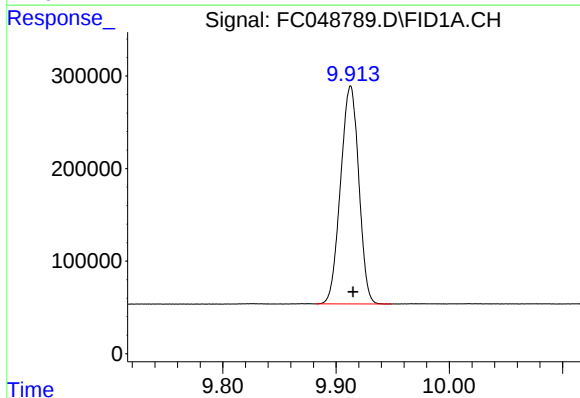
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.142 min
Delta R.T.: 0.000 min
Response: 3018513
Conc: 21.90 ug/ml



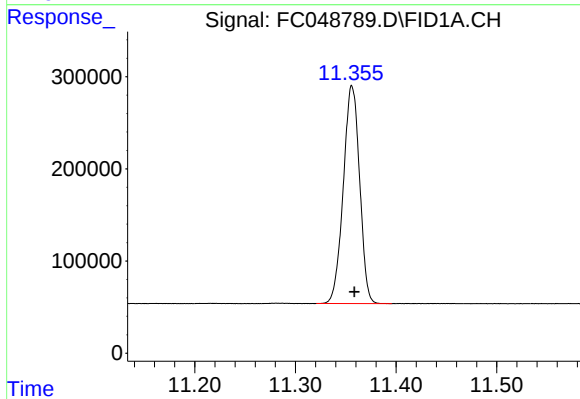
#6 n-Tetradecane (C14)

R.T.: 8.310 min
Delta R.T.: -0.001 min
Response: 2708026
Conc: 21.98 ug/ml



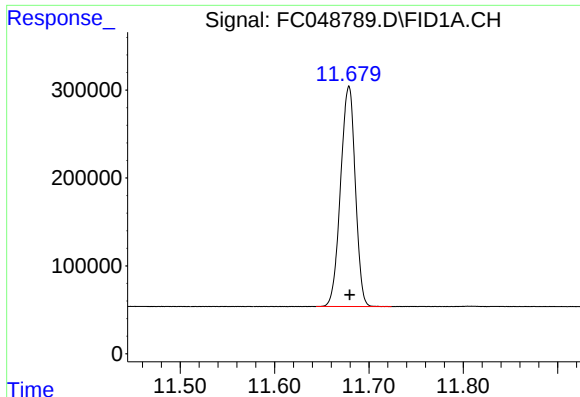
#7 n-Hexadecane (C16)

R.T.: 9.913 min
Delta R.T.: -0.002 min
Response: 2633273
Conc: 21.51 ug/ml



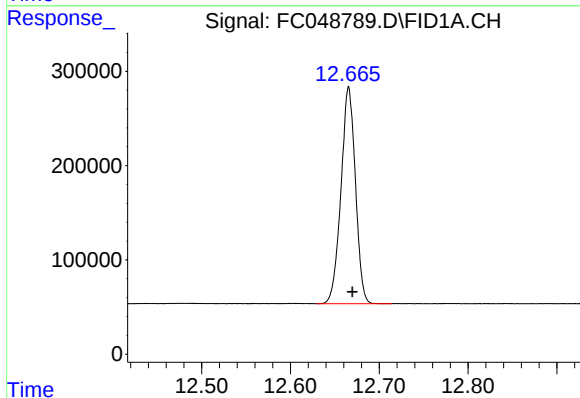
#8 n-Octadecane (C18)

R.T.: 11.356 min
Delta R.T.: -0.002 min
Response: 2665091
Conc: 20.82 ug/ml



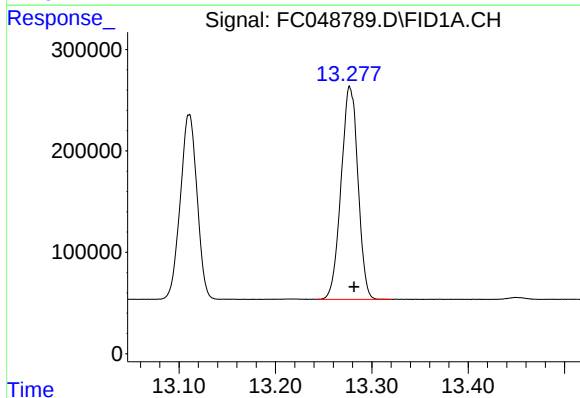
#9 ortho-Terphenyl (SURR)

R.T.: 11.679 min
Delta R.T.: 0.000 min
Response: 2719014
Conc: 19.81 ug/ml



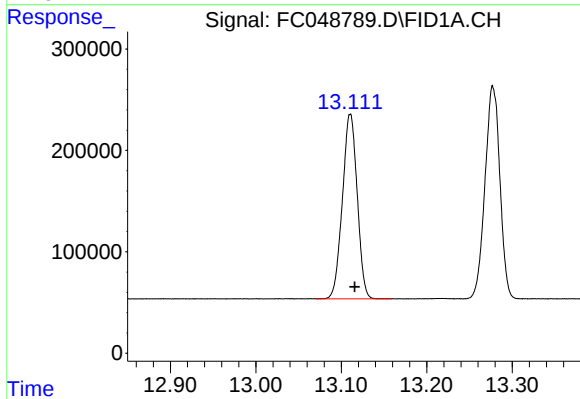
#10 n-Eicosane (C20)

R.T.: 12.665 min
Delta R.T.: -0.004 min
Response: 2596811
Conc: 20.08 ug/ml



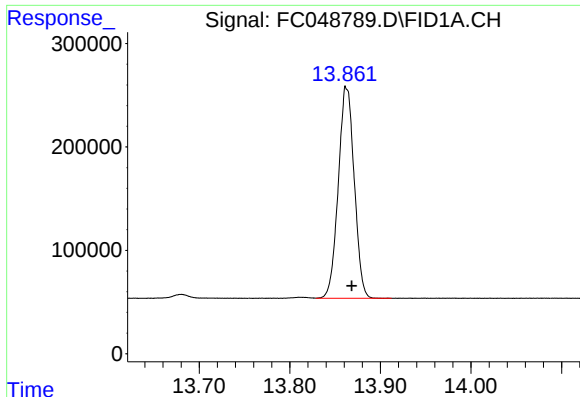
#11 n-Heneicosane (C21)

R.T.: 13.277 min
Delta R.T.: -0.004 min
Response: 2542485
Conc: 19.61 ug/ml



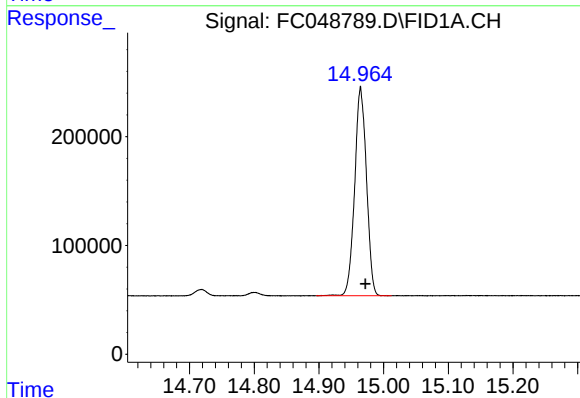
#12 1-chlorooctadecane (SURR)

R.T.: 13.111 min
Delta R.T.: -0.005 min
Response: 2189721
Conc: 19.43 ug/ml



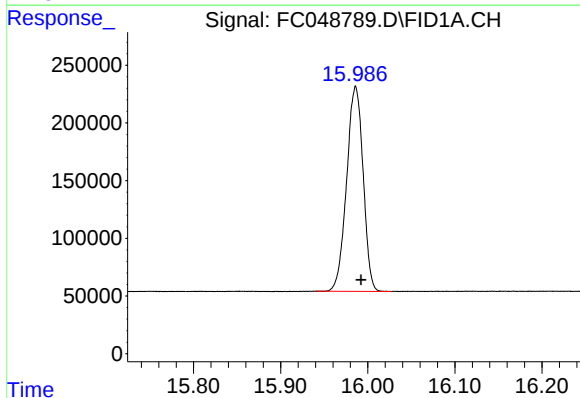
#13 n-Docosane (C22)

R.T.: 13.863 min
Delta R.T.: -0.006 min
Response: 2503631
Conc: 19.28 ug/ml



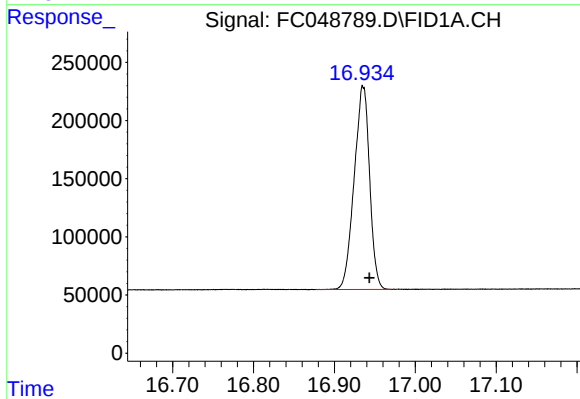
#14 n-Tetracosane (C24)

R.T.: 14.964 min
Delta R.T.: -0.008 min
Response: 2426340
Conc: 18.51 ug/ml



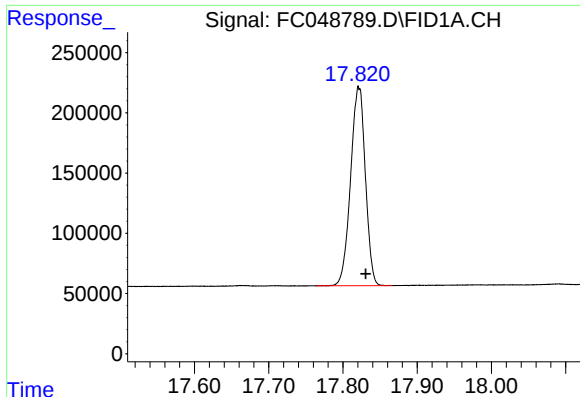
#15 n-Hexacosane (C26)

R.T.: 15.986 min
Delta R.T.: -0.006 min
Response: 2337191
Conc: 17.97 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.936 min
Delta R.T.: -0.008 min
Response: 2314247
Conc: 17.71 ug/ml



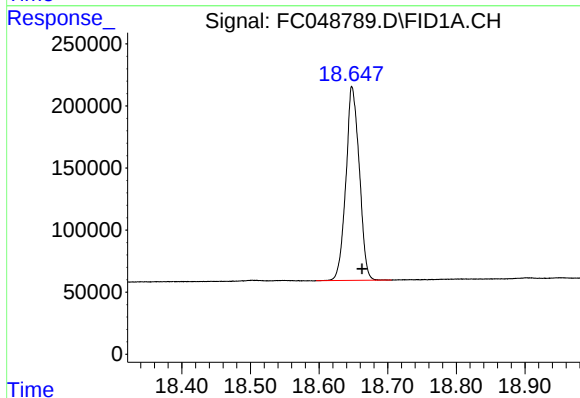
#17 n-Tricontane (C30)

R.T.: 17.822 min

Delta R.T.: -0.009 min

Response: 2280592

Conc: 17.74 ug/ml



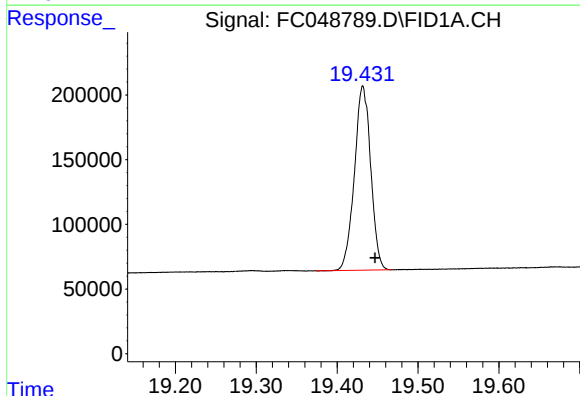
#18 n-Dotriacontane (C32)

R.T.: 18.648 min

Delta R.T.: -0.014 min

Response: 2122262

Conc: 17.96 ug/ml



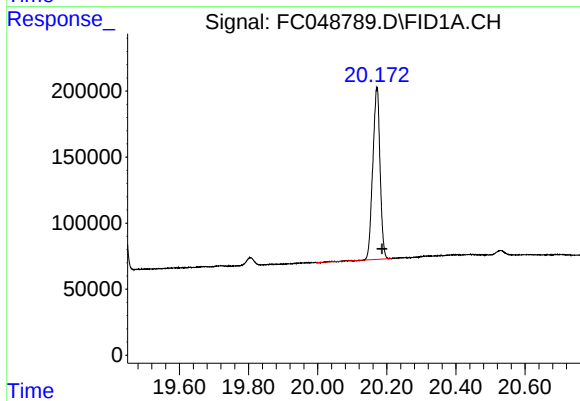
#19 n-Tetratriacontane (C34)

R.T.: 19.432 min

Delta R.T.: -0.015 min

Response: 1992672

Conc: 17.85 ug/ml



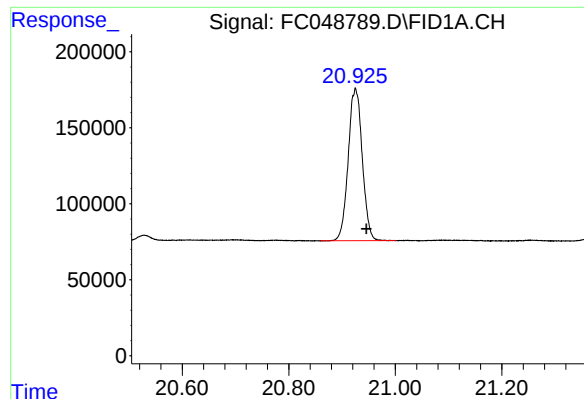
#20 n-Hexatriacontane (C36)

R.T.: 20.172 min

Delta R.T.: -0.015 min

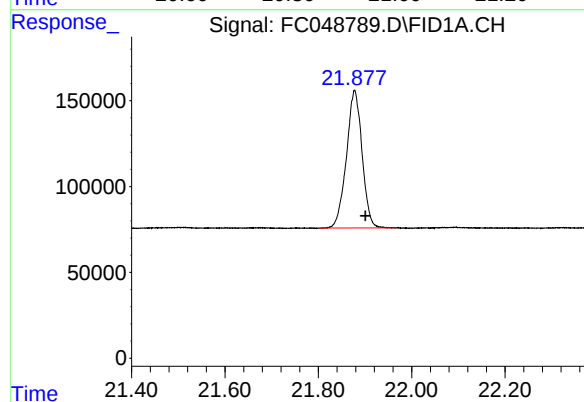
Response: 1898016

Conc: 18.05 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.925 min
Delta R.T.: -0.020 min
Response: 1833148
Conc: 18.67 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.878 min
Delta R.T.: -0.023 min
Response: 1864861
Conc: 19.19 ug/ml