

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC020321AL\
 Data File : FC051893.D
 Signal(s) : FID1A.CH
 Acq On : 03 Feb 2021 17:07
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Feb 04 00:28:16 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)	11.700	2388631	18.724 ug/ml
Spiked Amount 50.000		Recovery =	37.45%
12) S 1-chlorooctadecane (S...	13.131	1892831	18.376 ug/ml
Spiked Amount 50.000		Recovery =	36.75%
Target Compounds			
1) T n-Nonane (C9)	3.449	2269772	20.706 ug/ml
2) T n-Decane (C10)	4.519	2300063	20.811 ug/ml
3) T A~Naphthalene (C11.7)	6.114	2572653	20.633 ug/ml
4) T n-Dodecane (C12)	6.540	2349391	20.858 ug/ml
5) T A~2-methylnaphthalene...	7.171	2619579	20.494 ug/ml
6) T n-Tetradecane (C14)	8.335	2355794	20.684 ug/ml
7) T n-Hexadecane (C16)	9.935	2300792	20.253 ug/ml
8) T n-Octadecane (C18)	11.376	2343359	19.658 ug/ml
10) T n-Eicosane (C20)	12.686	2289881	18.930 ug/ml
11) T n-Heneicosane (C21)	13.298	2244445	18.475 ug/ml
13) T n-Docosane (C22)	13.883	2200359	18.093 ug/ml
14) T n-Tetracosane (C24)	14.985	2102117	17.249 ug/ml
15) T n-Hexacosane (C26)	16.007	1989135	16.618 ug/ml
16) T n-Octacosane (C28)	16.958	1910644	16.331 ug/ml
17) T n-Tricontane (C30)	17.845	1862002	16.584 ug/ml
18) T n-Dotriacontane (C32)	18.678	1815642	17.547 ug/ml
19) T n-Tetratriacontane (C34)	19.461	1812972	19.156 ug/mlm
20) T n-Hexatriacontane (C36)	20.201	1819903	20.899 ug/mlm
21) T n-Octatriacontane (C38)	20.959	1791358	21.827 ug/mlm
22) T n-Tetracontane (C40)	21.910	1818756	21.288 ug/mlm

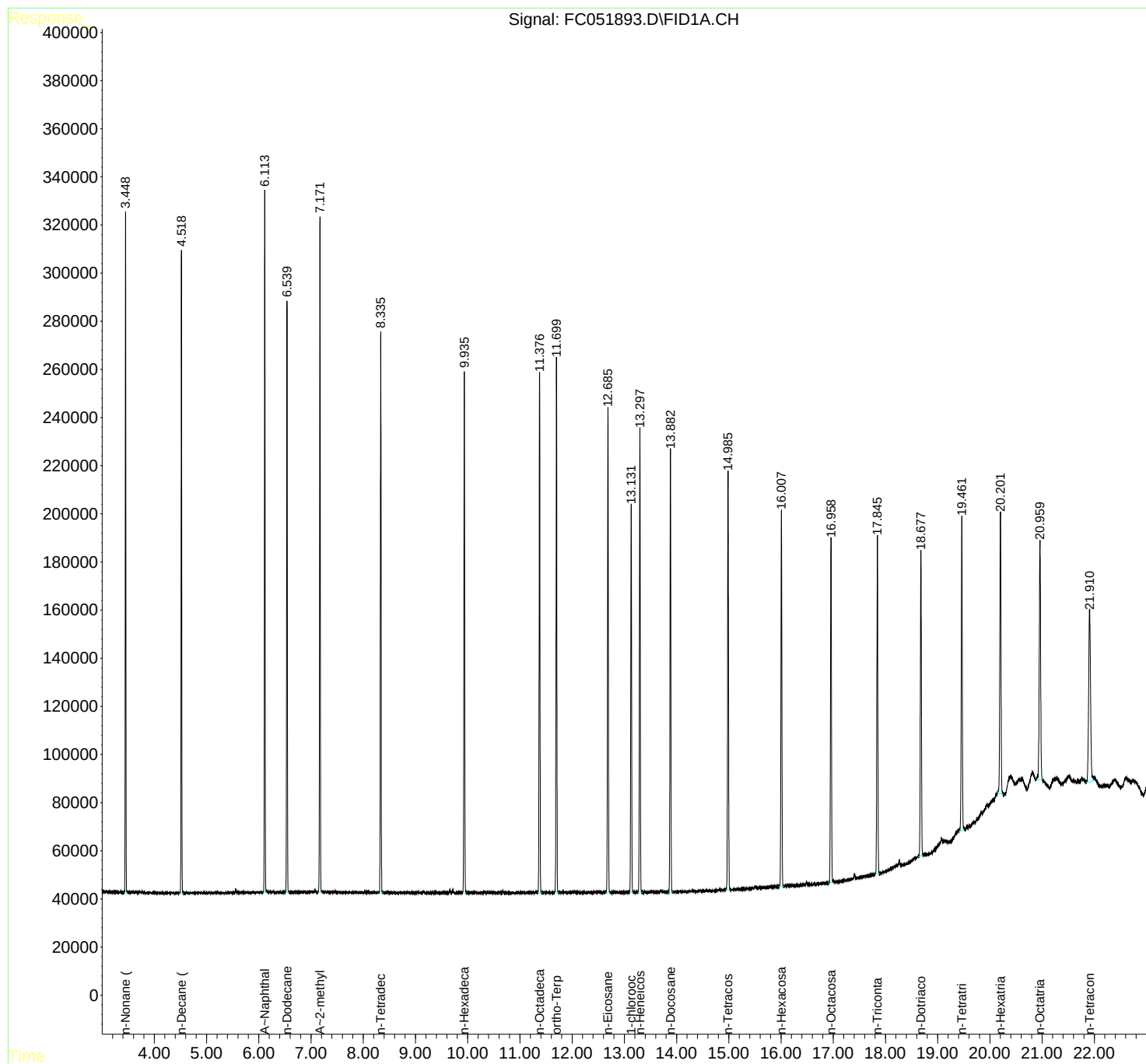
(f)=RT Delta > 1/2 Window

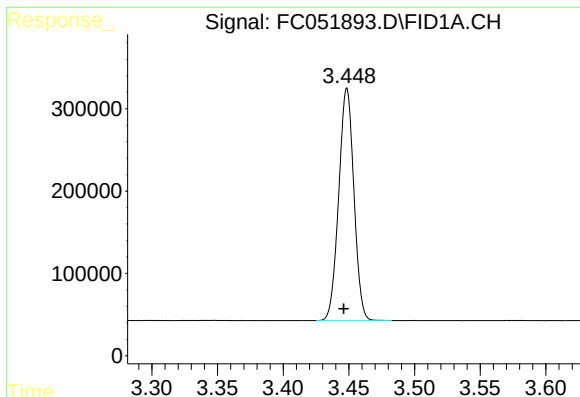
(m)=manual int.

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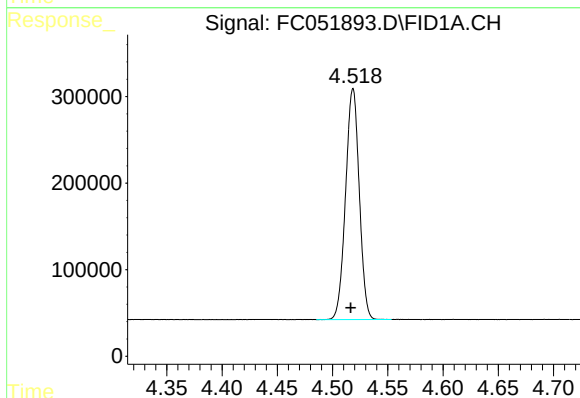
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Signal Info : 20M x 0.18mm x 0.18um





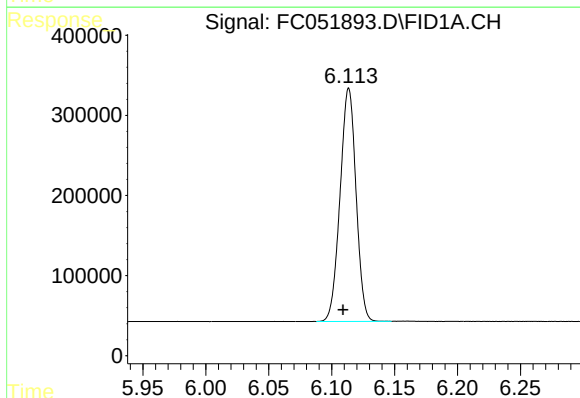
#1 n-Nonane (C9)

R.T.: 3.449 min
Delta R.T.: 0.003 min
Response: 2269772
Conc: 20.71 ug/ml



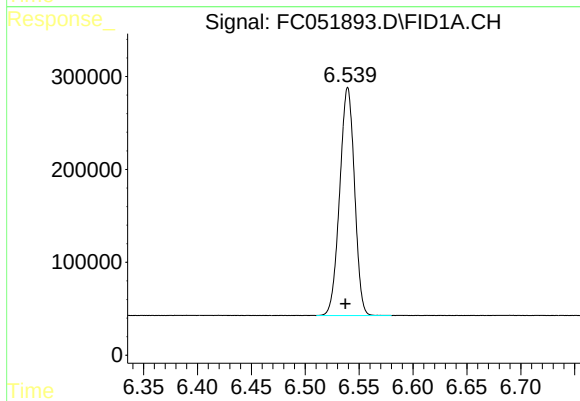
#2 n-Decane (C10)

R.T.: 4.519 min
Delta R.T.: 0.002 min
Response: 2300063
Conc: 20.81 ug/ml



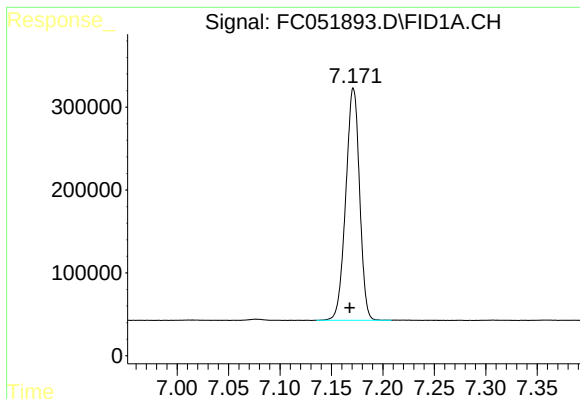
#3 A~Naphthalene (C11.7)

R.T.: 6.114 min
Delta R.T.: 0.005 min
Response: 2572653
Conc: 20.63 ug/ml



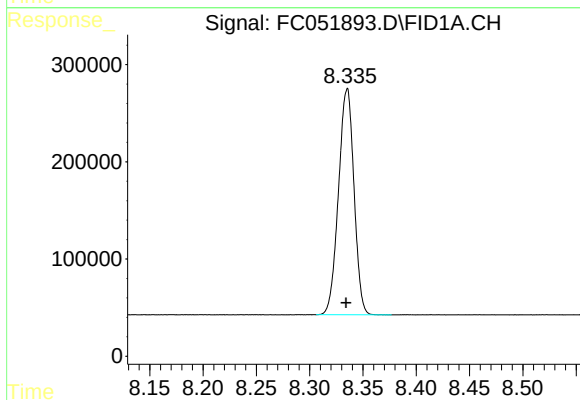
#4 n-Dodecane (C12)

R.T.: 6.540 min
Delta R.T.: 0.002 min
Response: 2349391
Conc: 20.86 ug/ml



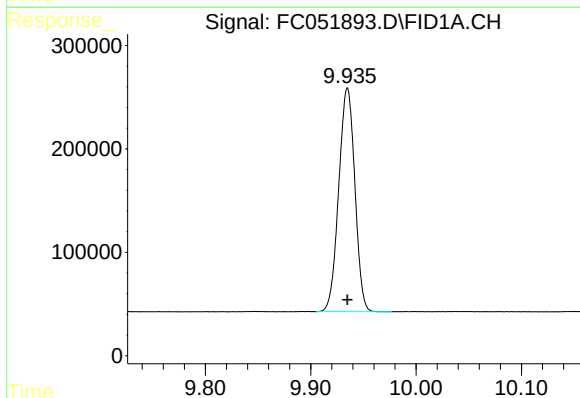
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.171 min
Delta R.T.: 0.003 min
Response: 2619579
Conc: 20.49 ug/ml



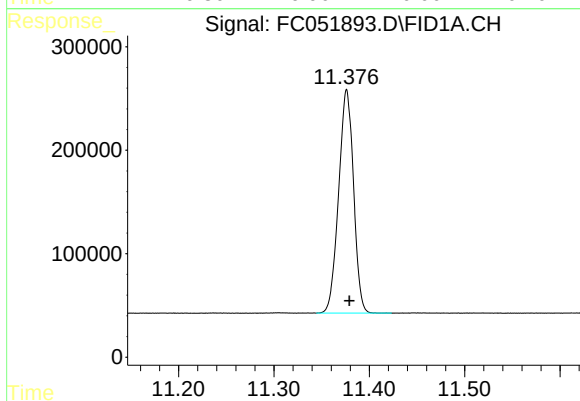
#6 n-Tetradecane (C14)

R.T.: 8.335 min
Delta R.T.: 0.001 min
Response: 2355794
Conc: 20.68 ug/ml



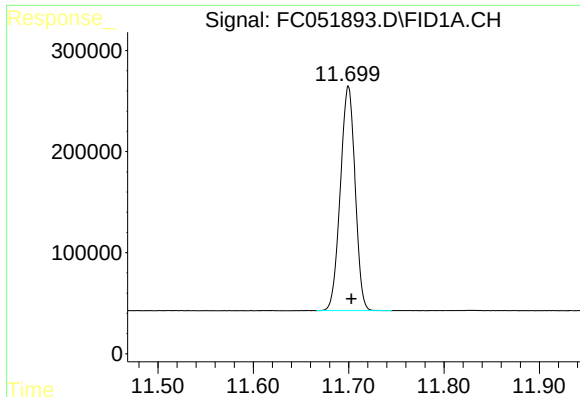
#7 n-Hexadecane (C16)

R.T.: 9.935 min
Delta R.T.: 0.000 min
Response: 2300792
Conc: 20.25 ug/ml



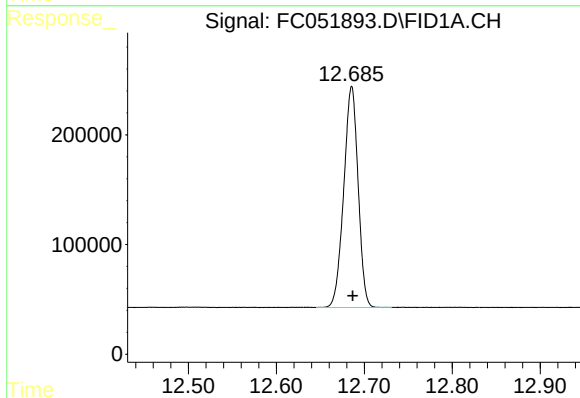
#8 n-Octadecane (C18)

R.T.: 11.376 min
Delta R.T.: -0.003 min
Response: 2343359
Conc: 19.66 ug/ml



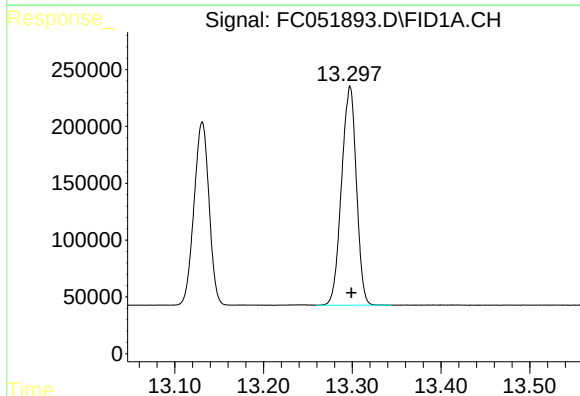
#9 ortho-Terphenyl (SURR)

R.T.: 11.700 min
Delta R.T.: -0.003 min
Response: 2388631
Conc: 18.72 ug/ml



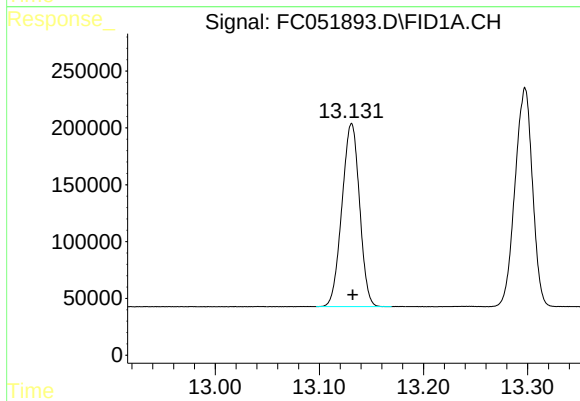
#10 n-Eicosane (C20)

R.T.: 12.686 min
Delta R.T.: -0.001 min
Response: 2289881
Conc: 18.93 ug/ml



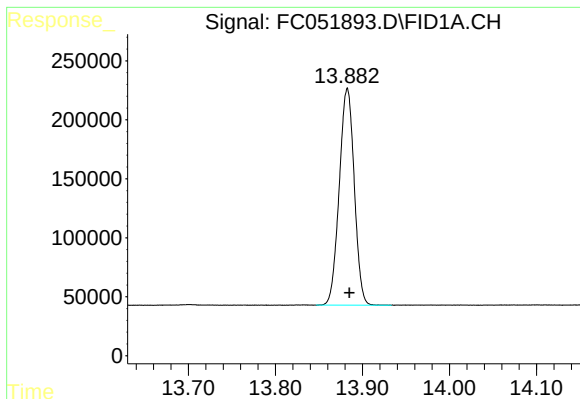
#11 n-Heneicosane (C21)

R.T.: 13.298 min
Delta R.T.: -0.002 min
Response: 2244445
Conc: 18.47 ug/ml



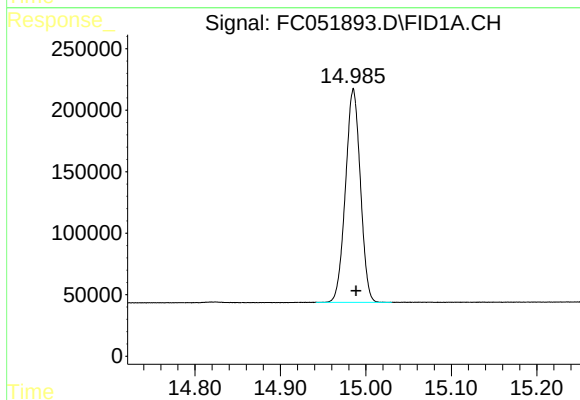
#12 1-chlorooctadecane (SURR)

R.T.: 13.131 min
Delta R.T.: 0.000 min
Response: 1892831
Conc: 18.38 ug/ml



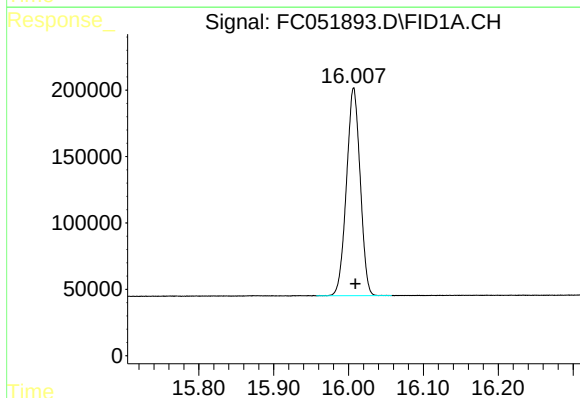
#13 n-Docosane (C22)

R.T.: 13.883 min
Delta R.T.: -0.002 min
Response: 2200359
Conc: 18.09 ug/ml



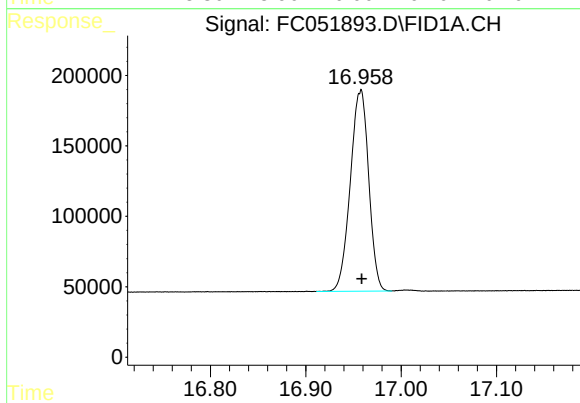
#14 n-Tetracosane (C24)

R.T.: 14.985 min
Delta R.T.: -0.003 min
Response: 2102117
Conc: 17.25 ug/ml



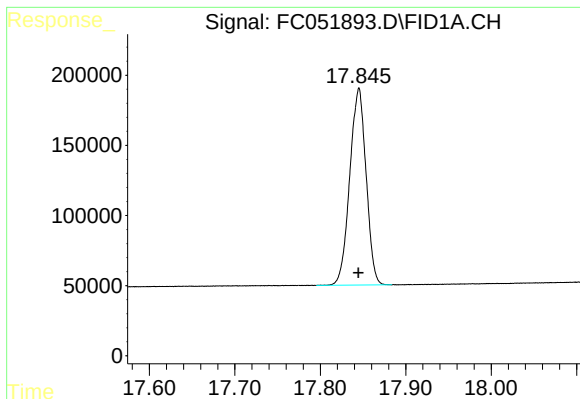
#15 n-Hexacosane (C26)

R.T.: 16.007 min
Delta R.T.: -0.002 min
Response: 1989135
Conc: 16.62 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.958 min
Delta R.T.: -0.001 min
Response: 1910644
Conc: 16.33 ug/ml



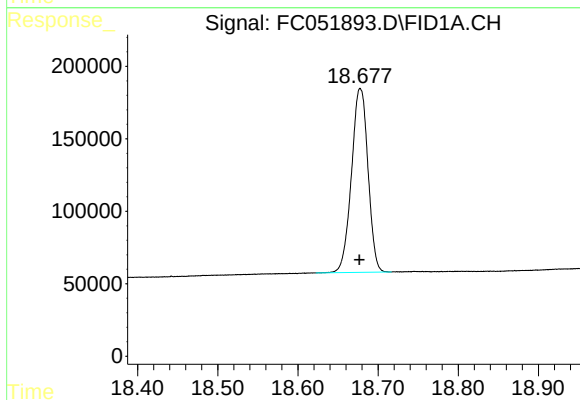
#17 n-Tricontane (C30)

R.T.: 17.845 min

Delta R.T.: 0.000 min

Response: 1862002

Conc: 16.58 ug/ml



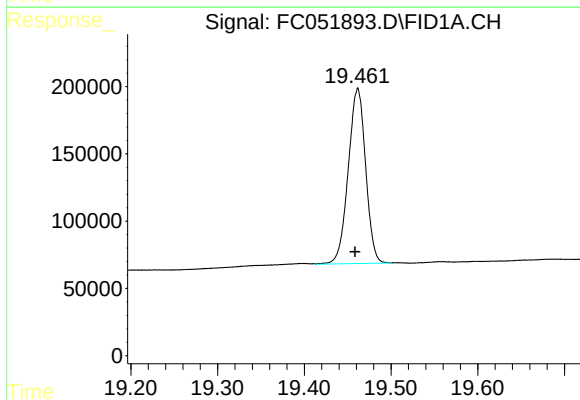
#18 n-Dotriacontane (C32)

R.T.: 18.678 min

Delta R.T.: 0.000 min

Response: 1815642

Conc: 17.55 ug/ml



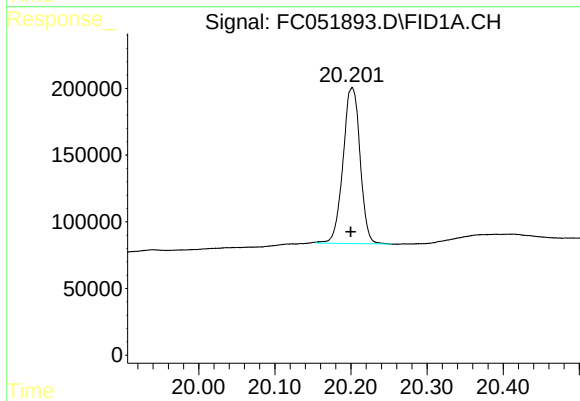
#19 n-Tetratriacontane (C34)

R.T.: 19.461 min

Delta R.T.: 0.003 min

Response: 1812972

Conc: 19.16 ug/ml m



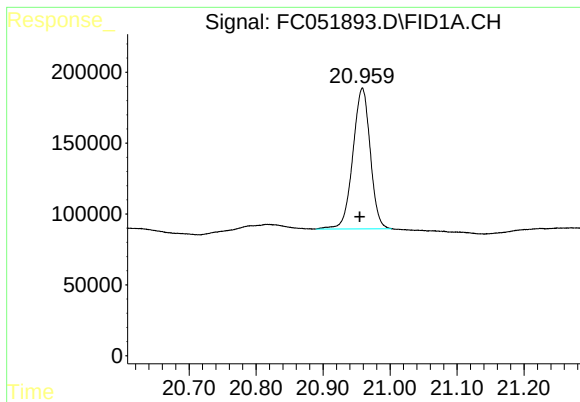
#20 n-Hexatriacontane (C36)

R.T.: 20.201 min

Delta R.T.: 0.002 min

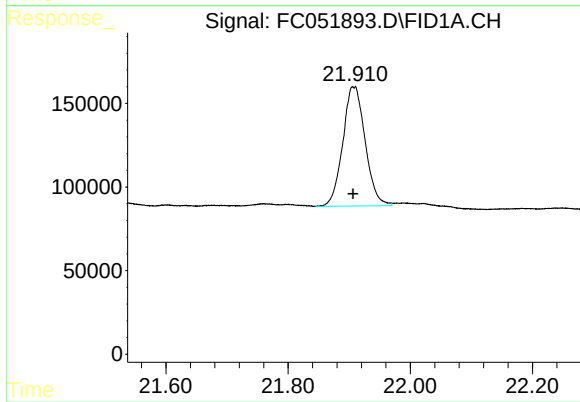
Response: 1819903

Conc: 20.90 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.959 min
Delta R.T.: 0.004 min
Response: 1791358
Conc: 21.83 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.910 min
Delta R.T.: 0.004 min
Response: 1818756
Conc: 21.29 ug/ml m