

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC012621AL\
 Data File : FC051767.D
 Signal(s) : FID1A.CH
 Acq On : 26 Jan 2021 9:49
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jan 27 01:22:35 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)	11.686	2522281	19.771 ug/ml
Spiked Amount 50.000		Recovery =	39.54%
12) S 1-chlorooctadecane (S...	13.119	2018159	19.593 ug/ml
Spiked Amount 50.000		Recovery =	39.19%
Target Compounds			
1) T n-Nonane (C9)	3.441	2185676	19.938 ug/ml
2) T n-Decane (C10)	4.510	2211958	20.014 ug/ml
3) T A~Naphthalene (C11.7)	6.100	2486218	19.940 ug/ml
4) T n-Dodecane (C12)	6.529	2259988	20.064 ug/ml
5) T A~2-methylnaphthalene...	7.156	2548428	19.937 ug/ml
6) T n-Tetradecane (C14)	8.324	2286260	20.073 ug/ml
7) T n-Hexadecane (C16)	9.923	2268424	19.968 ug/ml
8) T n-Octadecane (C18)	11.365	2366805	19.854 ug/ml
10) T n-Eicosane (C20)	12.673	2389565	19.754 ug/ml
11) T n-Heneicosane (C21)	13.286	2383372	19.618 ug/ml
13) T n-Docosane (C22)	13.871	2382501	19.591 ug/ml
14) T n-Tetracosane (C24)	14.973	2380183	19.530 ug/ml
15) T n-Hexacosane (C26)	15.994	2301484	19.228 ug/ml
16) T n-Octacosane (C28)	16.944	2214005	18.924 ug/ml
17) T n-Tricontane (C30)	17.831	2080646	18.531 ug/ml
18) T n-Dotriacontane (C32)	18.663	1876157	18.132 ug/ml
19) T n-Tetratriacontane (C34)	19.446	1688061	17.836 ug/ml
20) T n-Hexatriacontane (C36)	20.185	1537664	17.658 ug/ml
21) T n-Octatriacontane (C38)	20.937	1447122	17.632 ug/ml
22) T n-Tetracontane (C40)	21.883	1535063	17.968 ug/ml

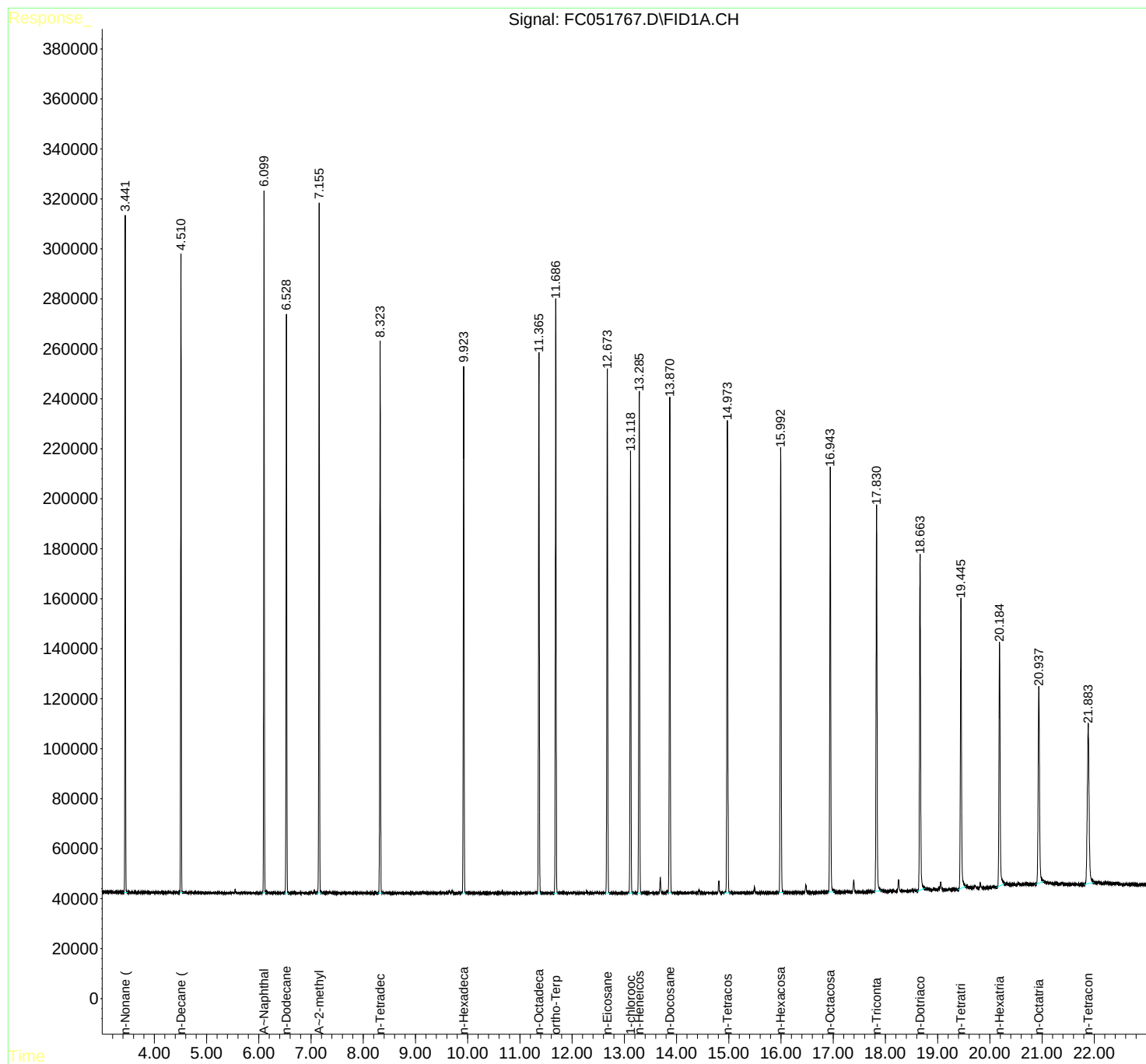
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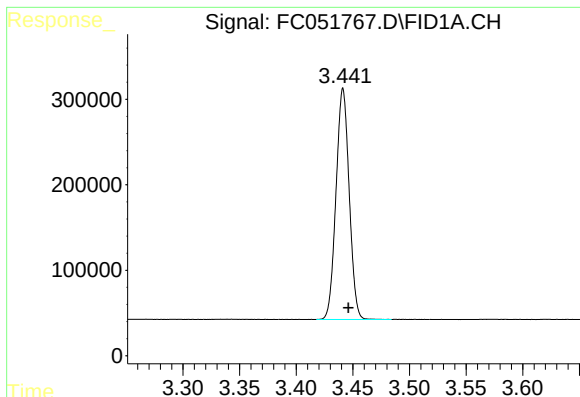
(m)=manual int.

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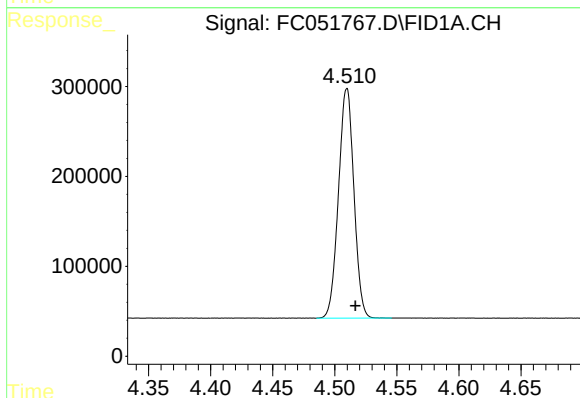
Volume Inj. : 1 ul
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Signal Info : 20M x 0.18mm x 0.18um





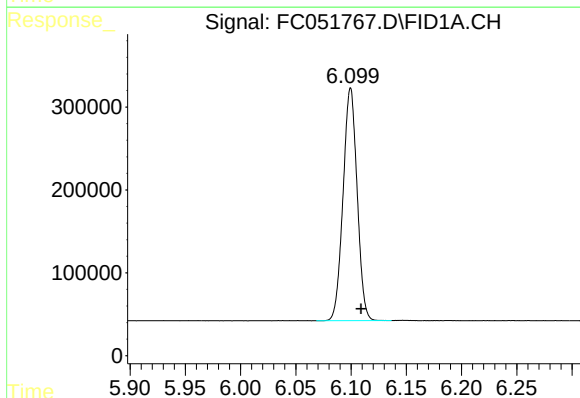
#1 n-Nonane (C9)

R.T.: 3.441 min
Delta R.T.: -0.005 min
Response: 2185676
Conc: 19.94 ug/ml



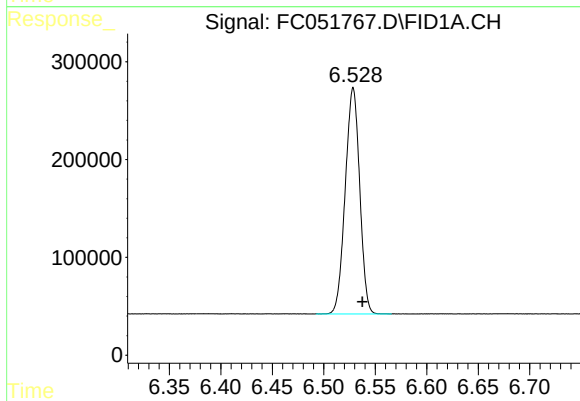
#2 n-Decane (C10)

R.T.: 4.510 min
Delta R.T.: -0.007 min
Response: 2211958
Conc: 20.01 ug/ml



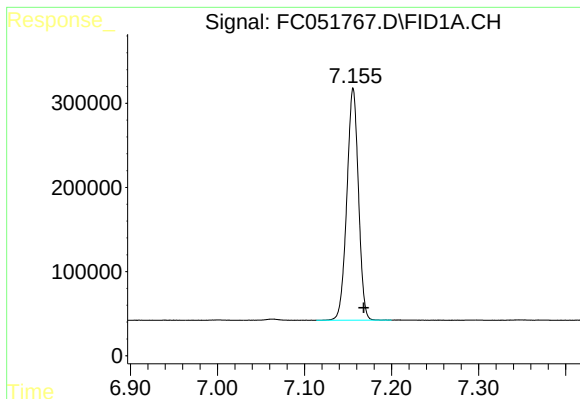
#3 A~Naphthalene (C11.7)

R.T.: 6.100 min
Delta R.T.: -0.009 min
Response: 2486218
Conc: 19.94 ug/ml



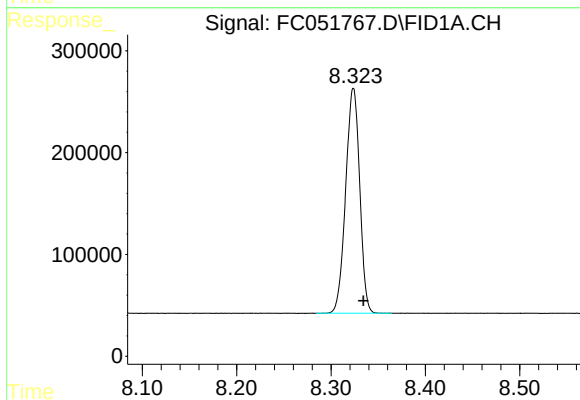
#4 n-Dodecane (C12)

R.T.: 6.529 min
Delta R.T.: -0.009 min
Response: 2259988
Conc: 20.06 ug/ml



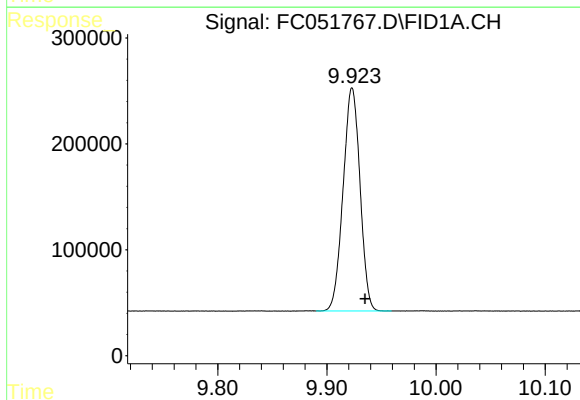
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.156 min
Delta R.T.: -0.012 min
Response: 2548428
Conc: 19.94 ug/ml



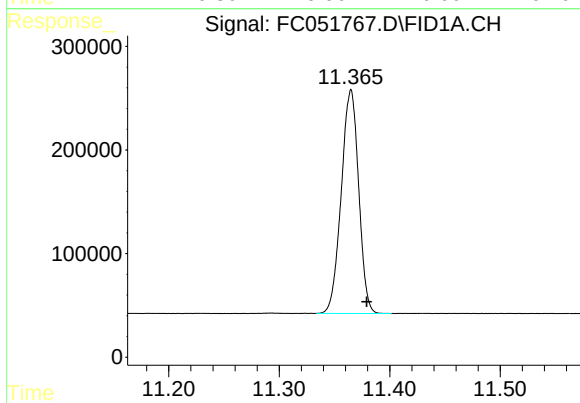
#6 n-Tetradecane (C14)

R.T.: 8.324 min
Delta R.T.: -0.010 min
Response: 2286260
Conc: 20.07 ug/ml



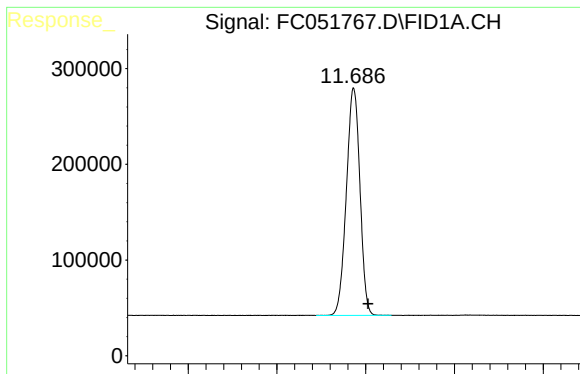
#7 n-Hexadecane (C16)

R.T.: 9.923 min
Delta R.T.: -0.012 min
Response: 2268424
Conc: 19.97 ug/ml



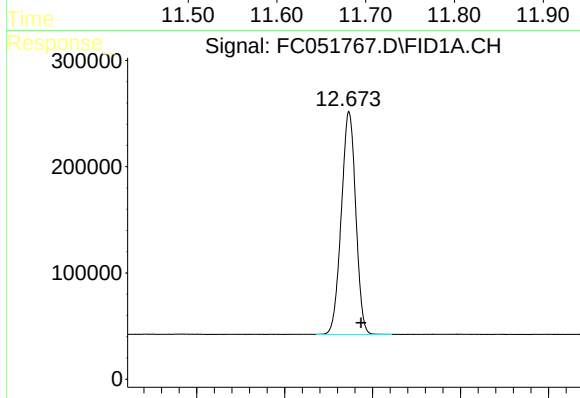
#8 n-Octadecane (C18)

R.T.: 11.365 min
Delta R.T.: -0.014 min
Response: 2366805
Conc: 19.85 ug/ml



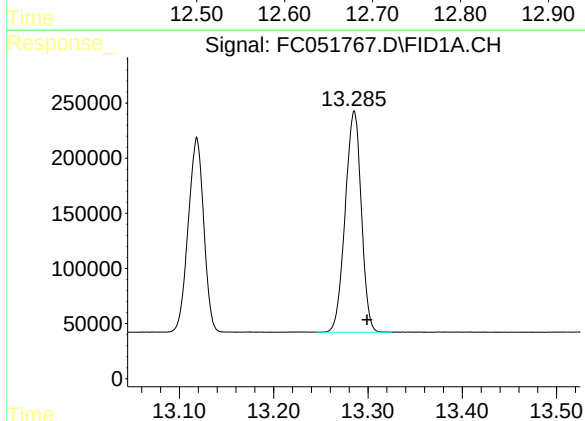
#9 ortho-Terphenyl (SURR)

R.T.: 11.686 min
Delta R.T.: -0.016 min
Response: 2522281
Conc: 19.77 ug/ml



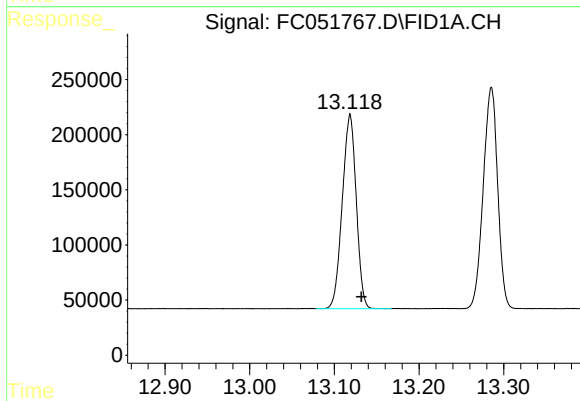
#10 n-Eicosane (C20)

R.T.: 12.673 min
Delta R.T.: -0.014 min
Response: 2389565
Conc: 19.75 ug/ml



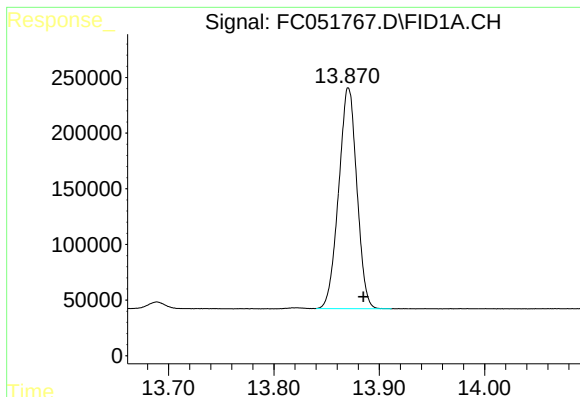
#11 n-Heneicosane (C21)

R.T.: 13.286 min
Delta R.T.: -0.014 min
Response: 2383372
Conc: 19.62 ug/ml



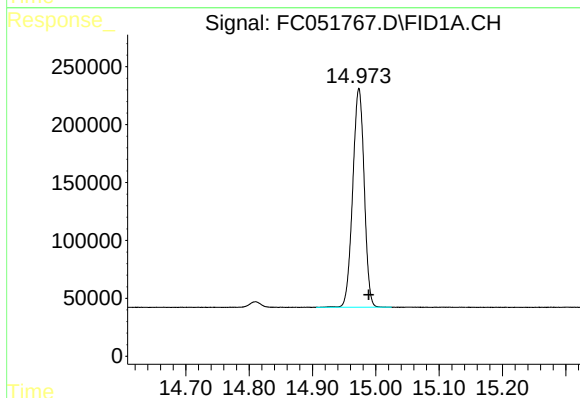
#12 1-chlorooctadecane (SURR)

R.T.: 13.119 min
Delta R.T.: -0.013 min
Response: 2018159
Conc: 19.59 ug/ml



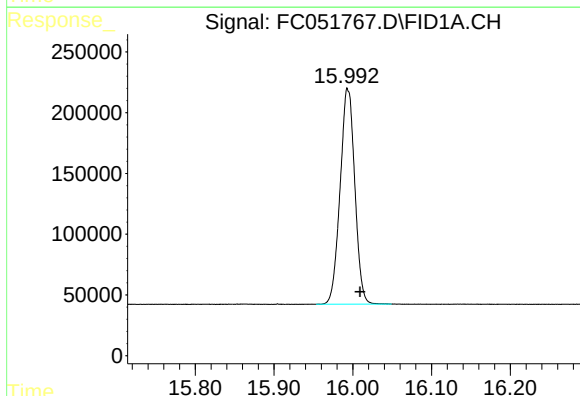
#13 n-Docosane (C22)

R.T.: 13.871 min
Delta R.T.: -0.014 min
Response: 2382501
Conc: 19.59 ug/ml



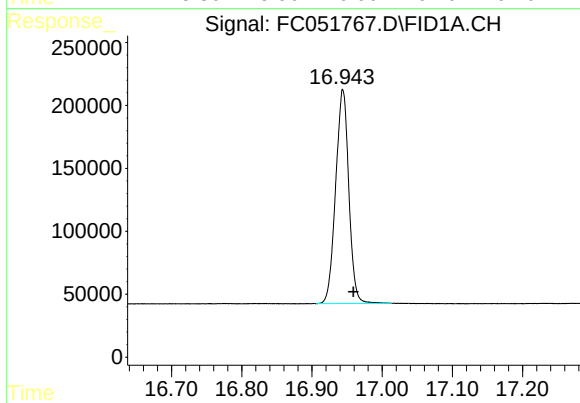
#14 n-Tetracosane (C24)

R.T.: 14.973 min
Delta R.T.: -0.015 min
Response: 2380183
Conc: 19.53 ug/ml



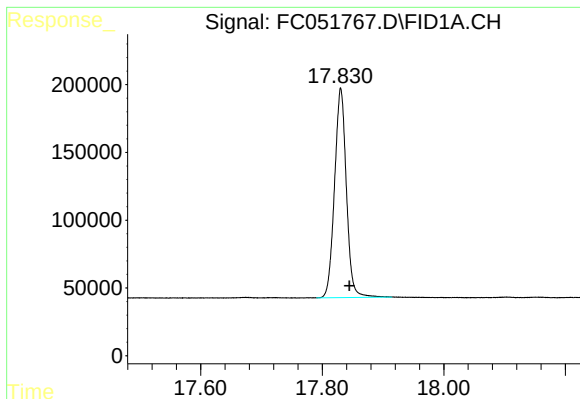
#15 n-Hexacosane (C26)

R.T.: 15.994 min
Delta R.T.: -0.015 min
Response: 2301484
Conc: 19.23 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.944 min
Delta R.T.: -0.015 min
Response: 2214005
Conc: 18.92 ug/ml



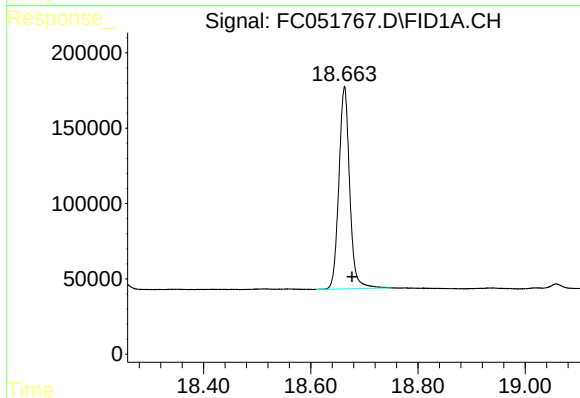
#17 n-Tricontane (C30)

R.T.: 17.831 min

Delta R.T.: -0.014 min

Response: 2080646

Conc: 18.53 ug/ml



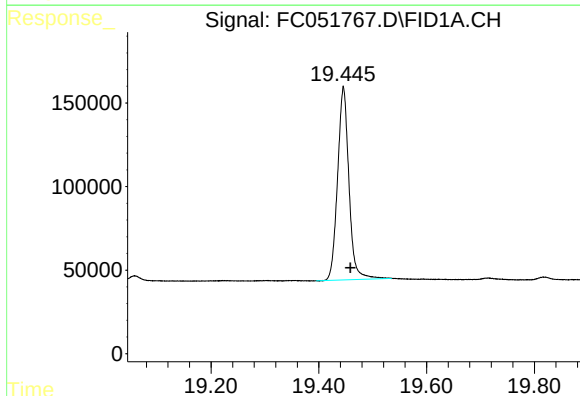
#18 n-Dotriacontane (C32)

R.T.: 18.663 min

Delta R.T.: -0.014 min

Response: 1876157

Conc: 18.13 ug/ml



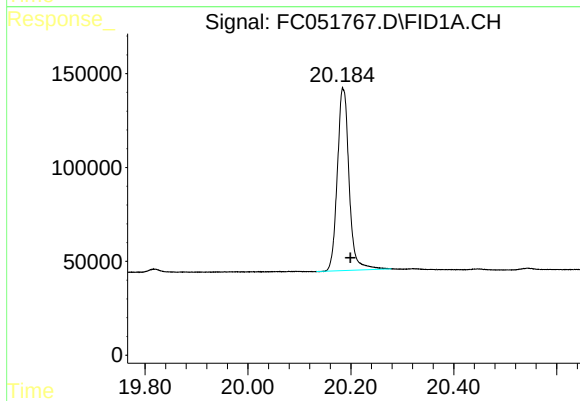
#19 n-Tetratriacontane (C34)

R.T.: 19.446 min

Delta R.T.: -0.013 min

Response: 1688061

Conc: 17.84 ug/ml



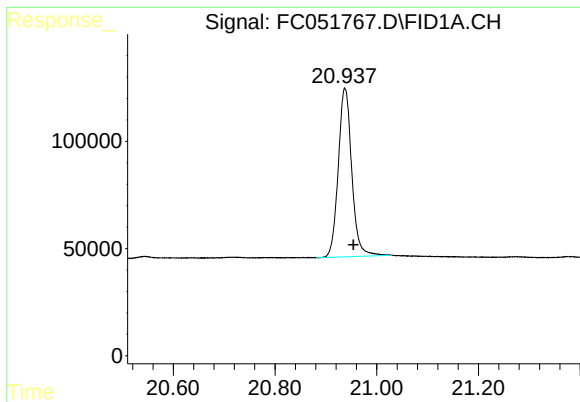
#20 n-Hexatriacontane (C36)

R.T.: 20.185 min

Delta R.T.: -0.015 min

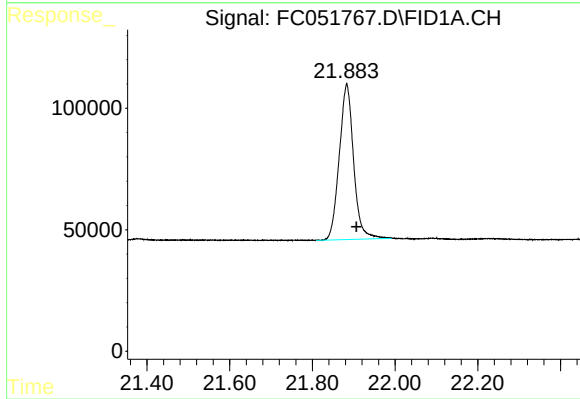
Response: 1537664

Conc: 17.66 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.937 min
Delta R.T.: -0.017 min
Response: 1447122
Conc: 17.63 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.883 min
Delta R.T.: -0.023 min
Response: 1535063
Conc: 17.97 ug/ml