

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC120820AL\
 Data File : FC051166.D
 Signal(s) : FID1A.CH
 Acq On : 08 Dec 2020 11:20
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Dec 09 00:05:27 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 112720.M
 Quant Title : GC Extractables
 QLast Update : Mon Nov 30 10:42:25 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)	11.592	2125886	17.278 ug/ml
Spiked Amount 50.000		Recovery =	34.56%
12) S 1-chlorooctadecane (S...	13.027	1649696	16.911 ug/ml
Spiked Amount 50.000		Recovery =	33.82%
Target Compounds			
1) T n-Nonane (C9)	3.341	2061144	19.368 ug/ml
2) T n-Decane (C10)	4.411	2058529	19.382 ug/ml
3) T A~Naphthalene (C11.7)	6.005	2164447	19.252 ug/ml
4) T n-Dodecane (C12)	6.431	2093470	19.240 ug/ml
5) T A~2-methylnaphthalene...	7.064	2129396	18.842 ug/ml
6) T n-Tetradecane (C14)	8.227	2057520	19.016 ug/ml
7) T n-Hexadecane (C16)	9.829	1999192	18.629 ug/ml
8) T n-Octadecane (C18)	11.271	2042403	17.907 ug/ml
10) T n-Eicosane (C20)	12.581	2006394	17.271 ug/ml
11) T n-Heneicosane (C21)	13.192	1971209	17.013 ug/ml
13) T n-Docosane (C22)	13.779	1946127	16.803 ug/ml
14) T n-Tetracosane (C24)	14.882	1904007	16.555 ug/ml
15) T n-Hexacosane (C26)	15.902	1863554	16.551 ug/ml
16) T n-Octacosane (C28)	16.851	1864759	16.841 ug/ml
17) T n-Tricontane (C30)	17.738	1855758	17.470 ug/ml
18) T n-Dotriacontane (C32)	18.569	1754289	17.954 ug/ml
19) T n-Tetratriacontane (C34)	19.350	1688414	18.918 ug/mlm
20) T n-Hexatriacontane (C36)	20.089	1593978	19.112 ug/mlm
21) T n-Octatriacontane (C38)	20.832	1569547	20.155 ug/ml
22) T n-Tetracontane (C40)	21.750	1500196	18.119 ug/ml

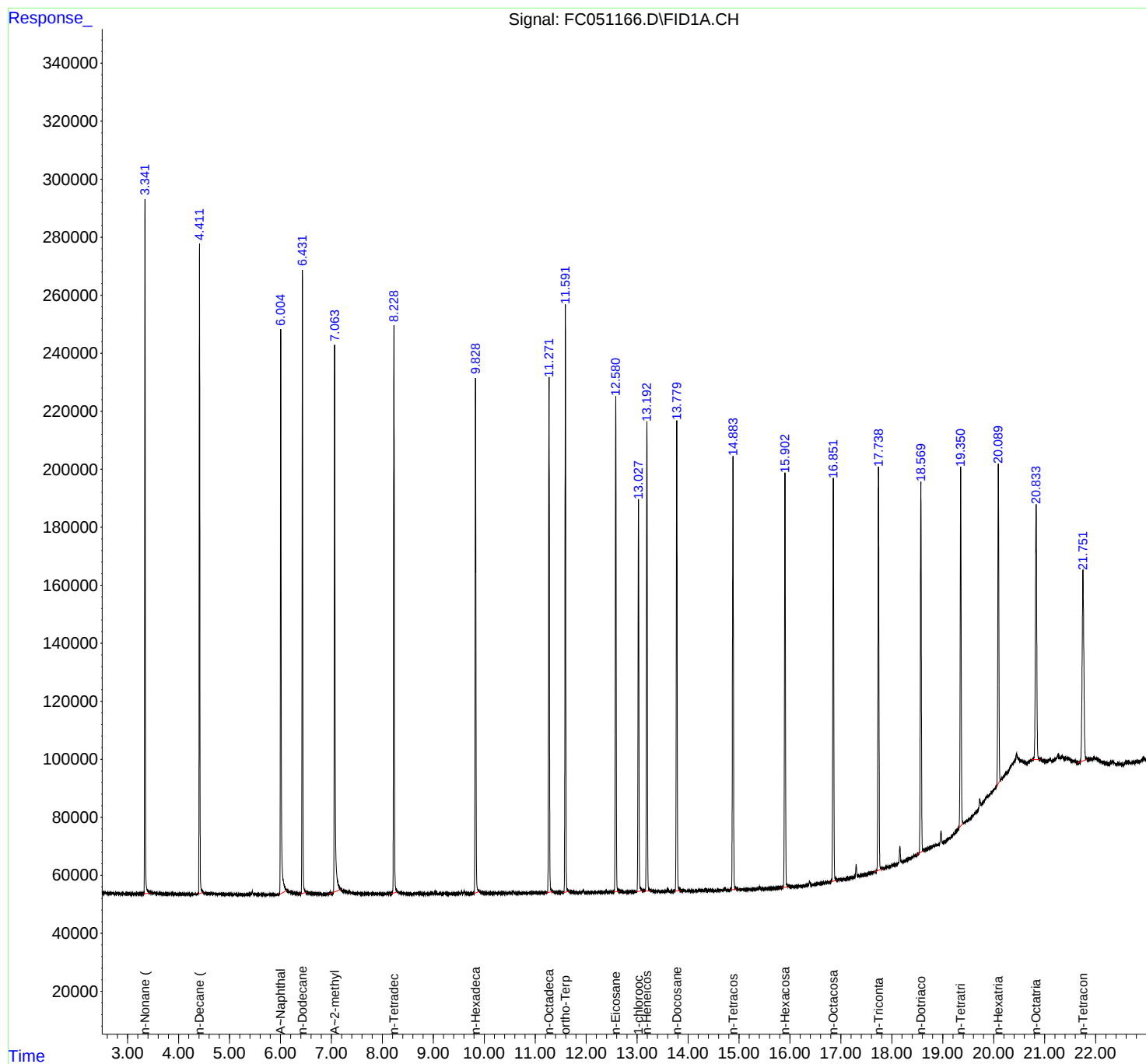
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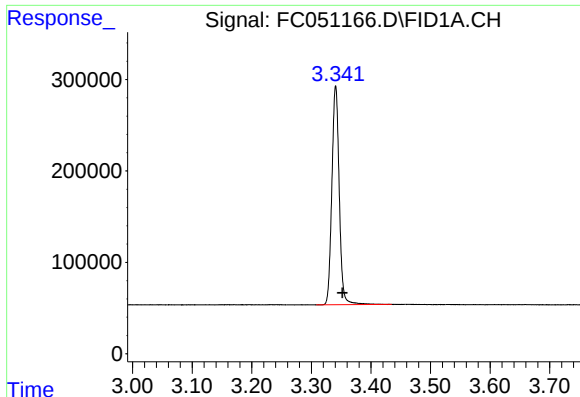
(m)=manual int.

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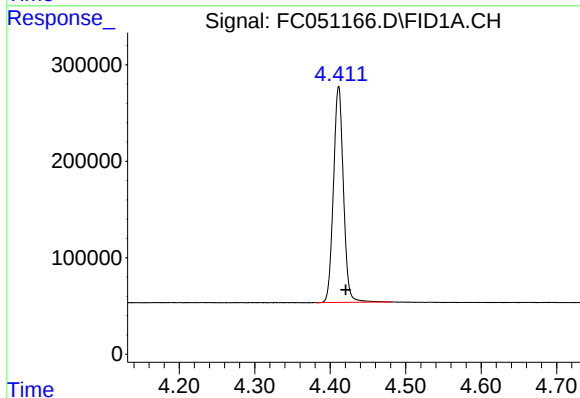
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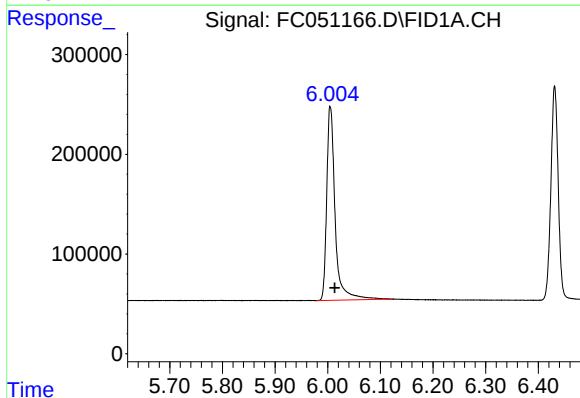
#1 n-Nonane (C9)

R.T.: 3.341 min
Delta R.T.: -0.011 min
Response: 2061144
Conc: 19.37 ug/ml



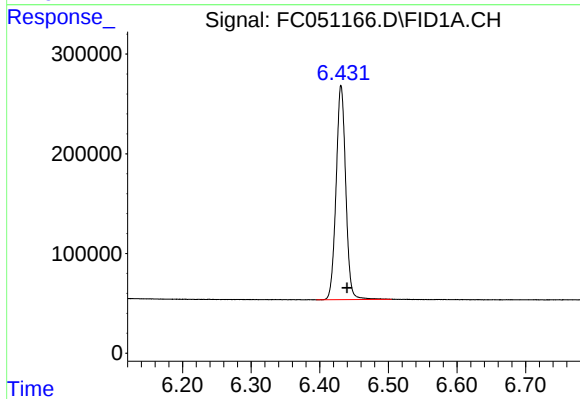
#2 n-Decane (C10)

R.T.: 4.411 min
Delta R.T.: -0.009 min
Response: 2058529
Conc: 19.38 ug/ml



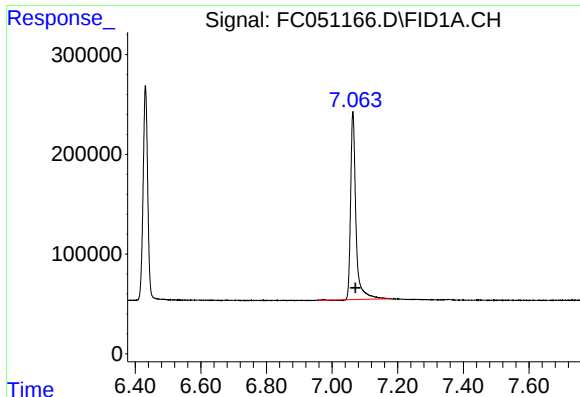
#3 A~Naphthalene (C11.7)

R.T.: 6.005 min
Delta R.T.: -0.008 min
Response: 2164447
Conc: 19.25 ug/ml



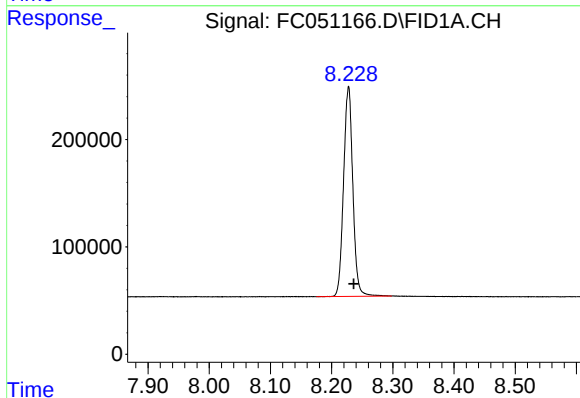
#4 n-Dodecane (C12)

R.T.: 6.431 min
Delta R.T.: -0.009 min
Response: 2093470
Conc: 19.24 ug/ml



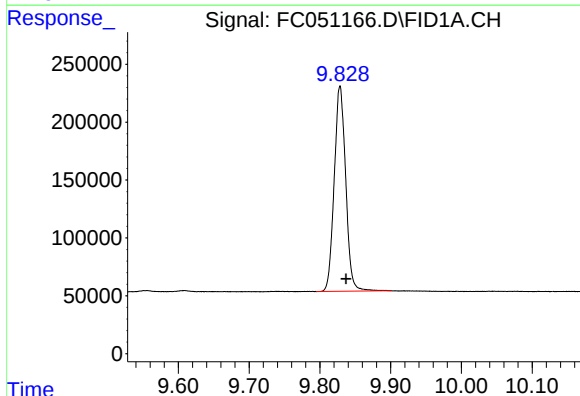
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.064 min
Delta R.T.: -0.008 min
Response: 2129396
Conc: 18.84 ug/ml



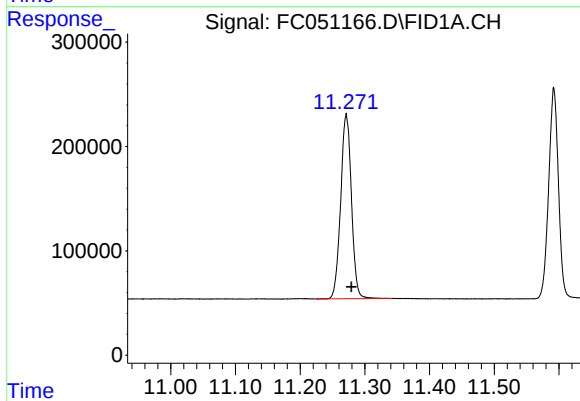
#6 n-Tetradecane (C14)

R.T.: 8.227 min
Delta R.T.: -0.009 min
Response: 2057520
Conc: 19.02 ug/ml



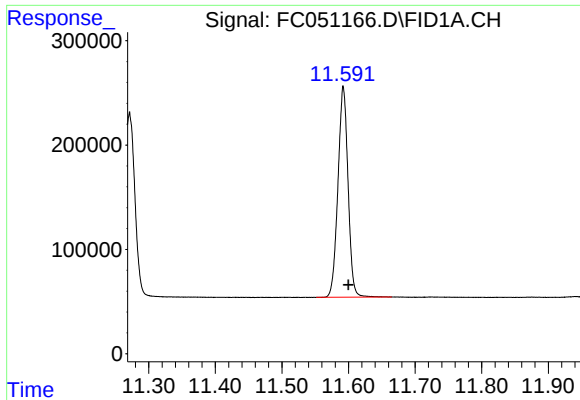
#7 n-Hexadecane (C16)

R.T.: 9.829 min
Delta R.T.: -0.009 min
Response: 1999192
Conc: 18.63 ug/ml



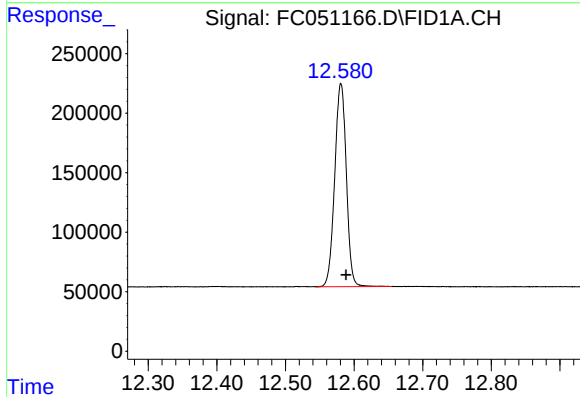
#8 n-Octadecane (C18)

R.T.: 11.271 min
Delta R.T.: -0.008 min
Response: 2042403
Conc: 17.91 ug/ml



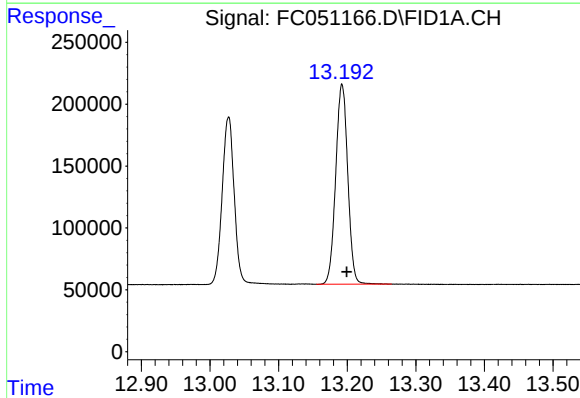
#9 ortho-Terphenyl (SURR)

R.T.: 11.592 min
Delta R.T.: -0.008 min
Response: 2125886
Conc: 17.28 ug/ml



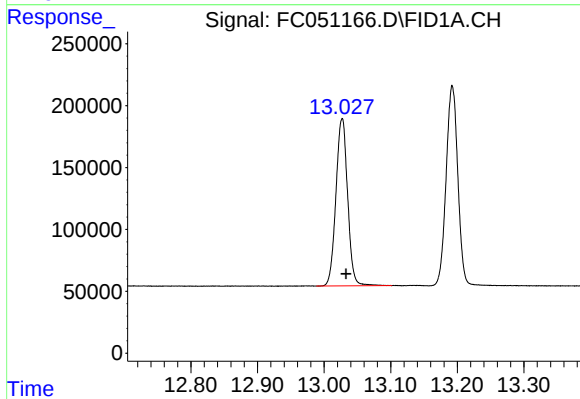
#10 n-Eicosane (C20)

R.T.: 12.581 min
Delta R.T.: -0.007 min
Response: 2006394
Conc: 17.27 ug/ml



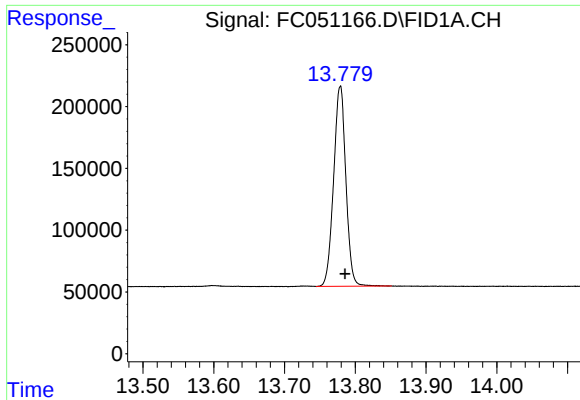
#11 n-Heneicosane (C21)

R.T.: 13.192 min
Delta R.T.: -0.007 min
Response: 1971209
Conc: 17.01 ug/ml



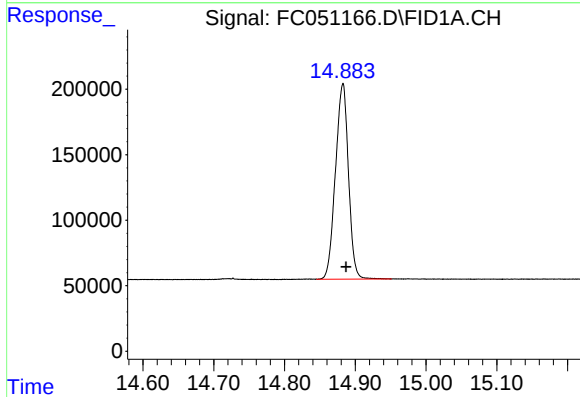
#12 1-chlorooctadecane (SURR)

R.T.: 13.027 min
Delta R.T.: -0.006 min
Response: 1649696
Conc: 16.91 ug/ml



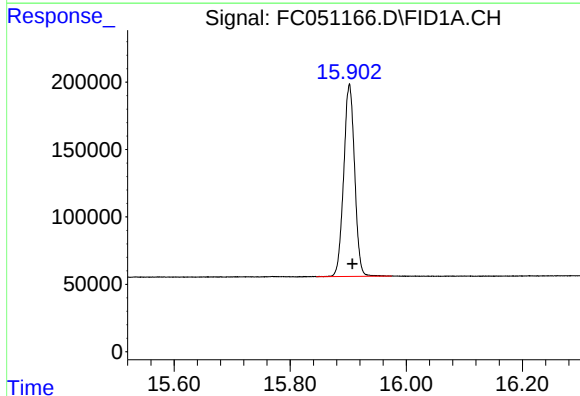
#13 n-Docosane (C22)

R.T.: 13.779 min
Delta R.T.: -0.007 min
Response: 1946127
Conc: 16.80 ug/ml



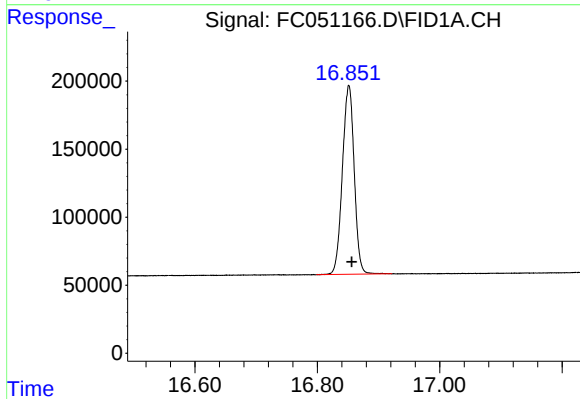
#14 n-Tetracosane (C24)

R.T.: 14.882 min
Delta R.T.: -0.005 min
Response: 1904007
Conc: 16.56 ug/ml



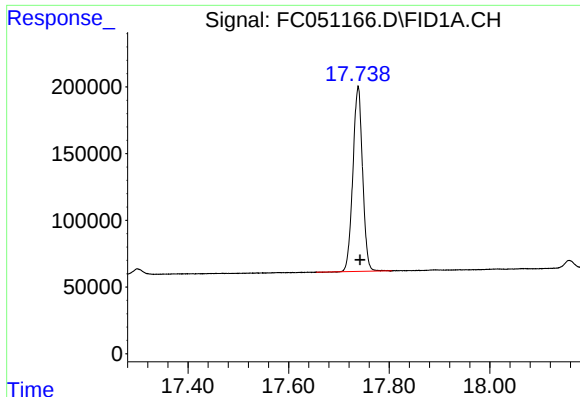
#15 n-Hexacosane (C26)

R.T.: 15.902 min
Delta R.T.: -0.005 min
Response: 1863554
Conc: 16.55 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.851 min
Delta R.T.: -0.005 min
Response: 1864759
Conc: 16.84 ug/ml



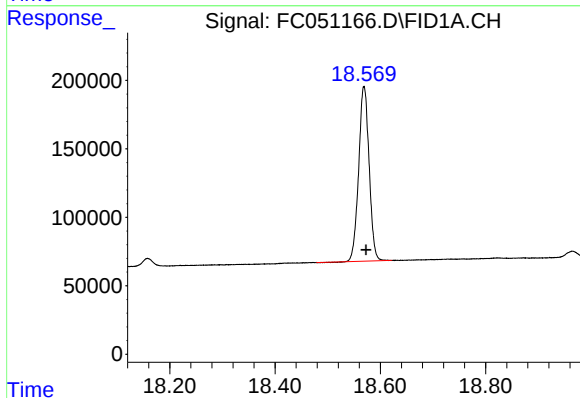
#17 n-Tricontane (C30)

R.T.: 17.738 min

Delta R.T.: -0.004 min

Response: 1855758

Conc: 17.47 ug/ml



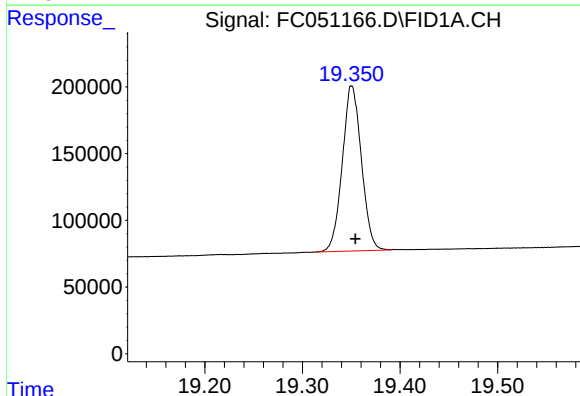
#18 n-Dotriacontane (C32)

R.T.: 18.569 min

Delta R.T.: -0.004 min

Response: 1754289

Conc: 17.95 ug/ml



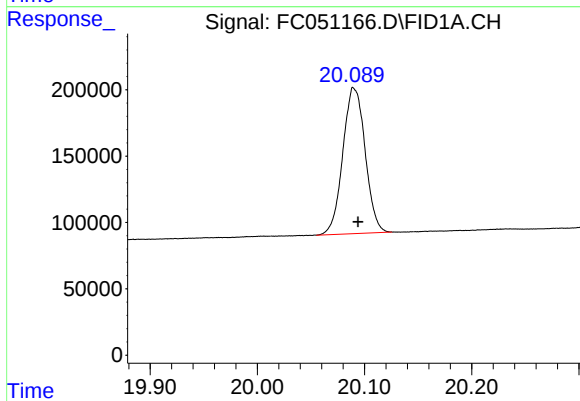
#19 n-Tetratriacontane (C34)

R.T.: 19.350 min

Delta R.T.: -0.004 min

Response: 1688414

Conc: 18.92 ug/ml m



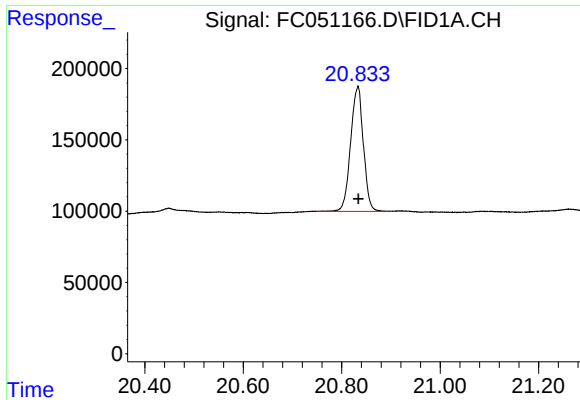
#20 n-Hexatriacontane (C36)

R.T.: 20.089 min

Delta R.T.: -0.005 min

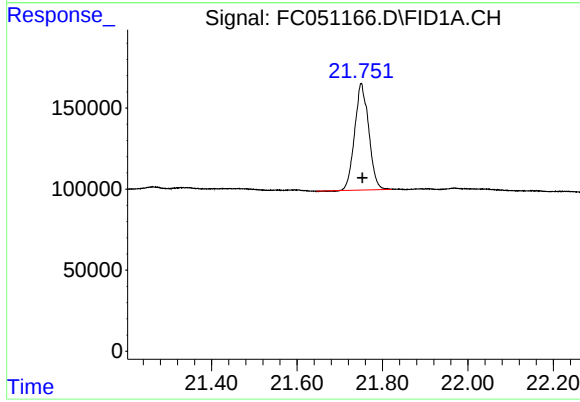
Response: 1593978

Conc: 19.11 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.832 min
Delta R.T.: -0.002 min
Response: 1569547
Conc: 20.15 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.750 min
Delta R.T.: -0.003 min
Response: 1500196
Conc: 18.12 ug/ml