

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC082621AL\
 Data File : FC055416.D
 Signal(s) : FID1A.CH
 Acq On : 27 Aug 2021 4:57
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Aug 27 05:21:11 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 080321.M
 Quant Title : GC Extractables
 QLast Update : Wed Aug 04 02:08:31 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)	11.298	2321071	18.436 ug/ml
Spiked Amount 50.000		Recovery =	36.87%
12) S 1-chlorooctadecane (S...	12.738	1811099	18.274 ug/ml
Spiked Amount 50.000		Recovery =	36.55%
Target Compounds			
1) T n-Nonane (C9)	3.138	2274581	21.753 ug/ml
2) T n-Decane (C10)	4.187	2336548	22.188 ug/ml
3) T A~Naphthalene (C11.7)	5.753	2346462	21.595 ug/ml
4) T n-Dodecane (C12)	6.186	2388637	21.997 ug/ml
5) T A~2-methylnaphthalene...	6.802	2344396	21.481 ug/ml
6) T n-Tetradecane (C14)	7.969	2377393	21.296 ug/ml
7) T n-Hexadecane (C16)	9.560	2341092	20.526 ug/ml
8) T n-Octadecane (C18)	10.994	2314593	19.628 ug/ml
10) T n-Eicosane (C20)	12.297	2206557	18.795 ug/ml
11) T n-Heneicosane (C21)	12.906	2186339	18.516 ug/ml
13) T n-Docosane (C22)	13.489	2114387	18.103 ug/ml
14) T n-Tetracosane (C24)	14.588	2075402	17.930 ug/ml
15) T n-Hexacosane (C26)	15.604	2002381	17.867 ug/ml
16) T n-Octacosane (C28)	16.552	2007526	18.490 ug/ml
17) T n-Tricontane (C30)	17.435	2010620	19.257 ug/ml
18) T n-Dotriacontane (C32)	18.264	2013661	20.333 ug/ml
19) T n-Tetratriacontane (C34)	19.045	1951658	20.592 ug/ml
20) T n-Hexatriacontane (C36)	19.783	1925009	21.303 ug/ml
21) T n-Octatriacontane (C38)	20.483	2076947	24.038 ug/ml
22) T n-Tetracontane (C40)	21.285	2142236	24.055 ug/ml

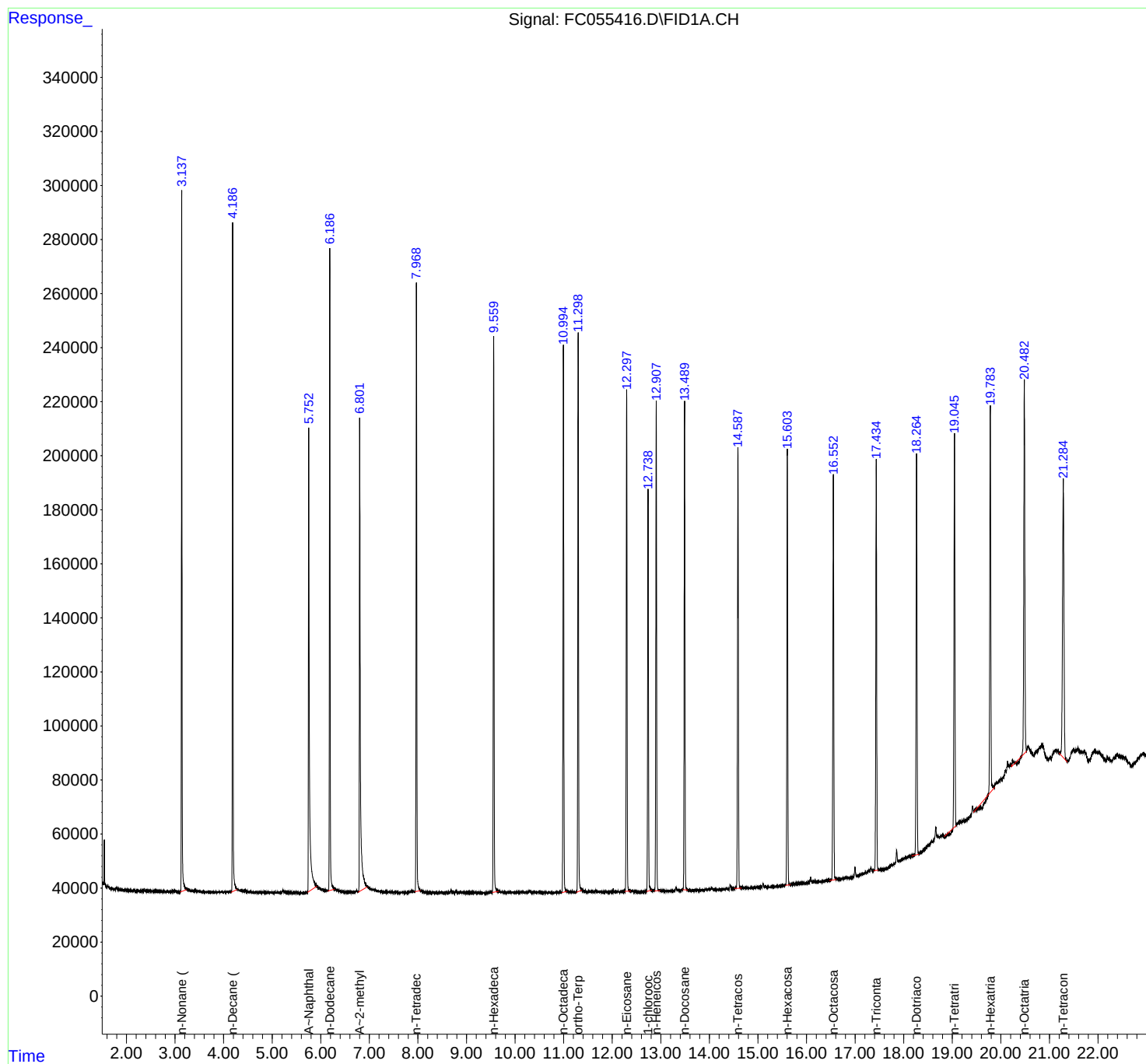
(f)=RT Delta > 1/2 Window

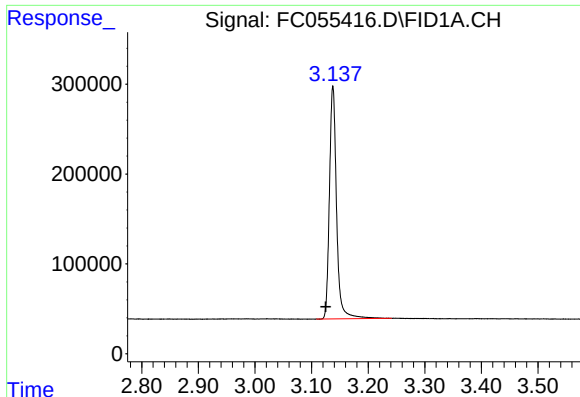
(m)=manual int.

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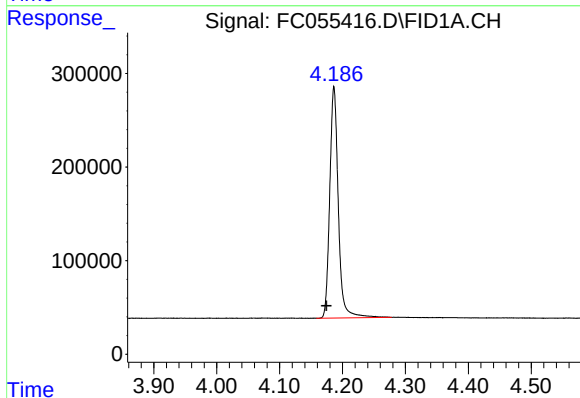
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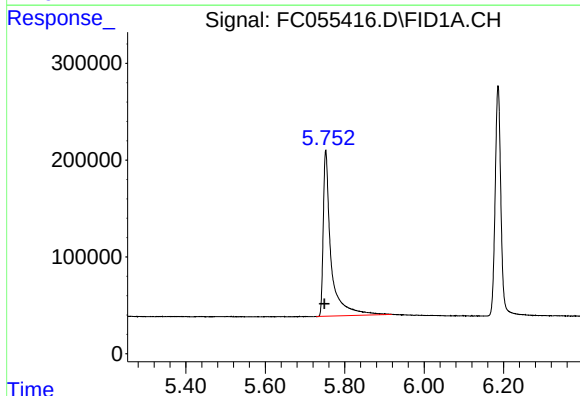
#1 n-Nonane (C9)

R.T.: 3.138 min
Delta R.T.: 0.013 min
Response: 2274581
Conc: 21.75 ug/ml



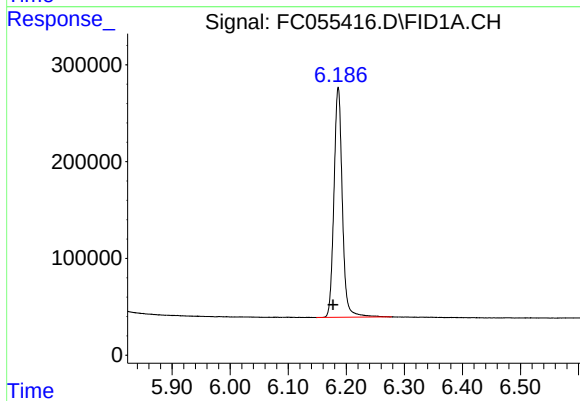
#2 n-Decane (C10)

R.T.: 4.187 min
Delta R.T.: 0.012 min
Response: 2336548
Conc: 22.19 ug/ml



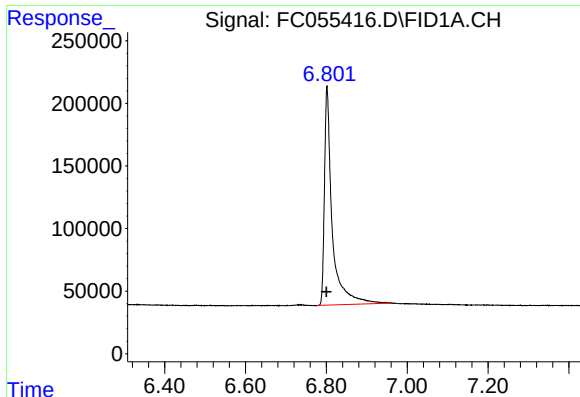
#3 A~Naphthalene (C11.7)

R.T.: 5.753 min
Delta R.T.: 0.004 min
Response: 2346462
Conc: 21.59 ug/ml



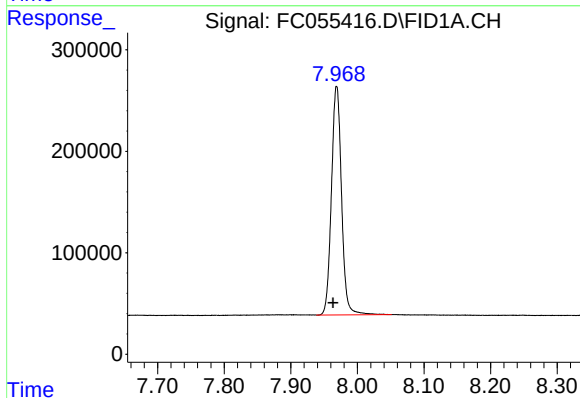
#4 n-Dodecane (C12)

R.T.: 6.186 min
Delta R.T.: 0.009 min
Response: 2388637
Conc: 22.00 ug/ml



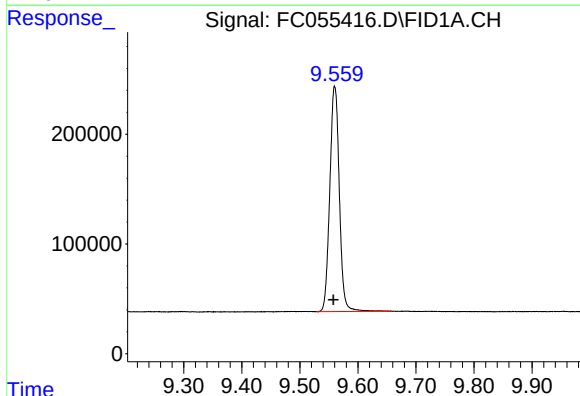
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.802 min
Delta R.T.: 0.002 min
Response: 2344396
Conc: 21.48 ug/ml



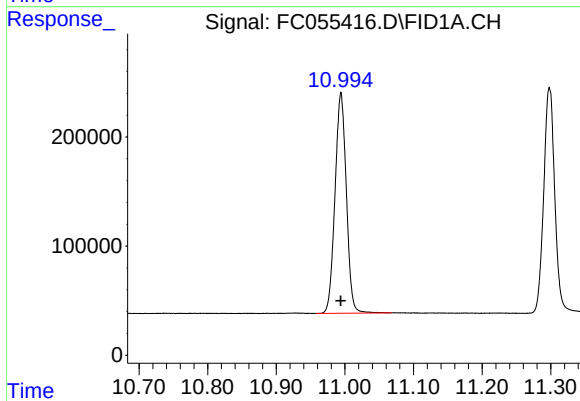
#6 n-Tetradecane (C14)

R.T.: 7.969 min
Delta R.T.: 0.005 min
Response: 2377393
Conc: 21.30 ug/ml



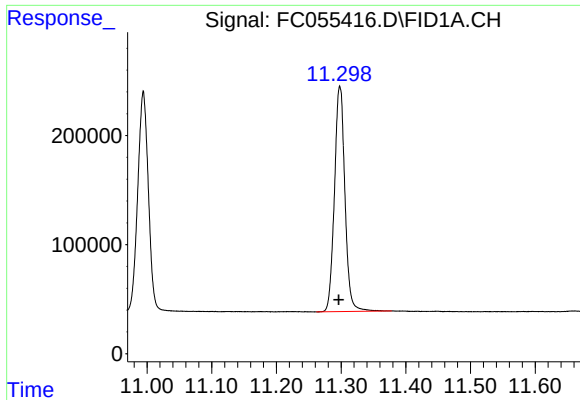
#7 n-Hexadecane (C16)

R.T.: 9.560 min
Delta R.T.: 0.002 min
Response: 2341092
Conc: 20.53 ug/ml



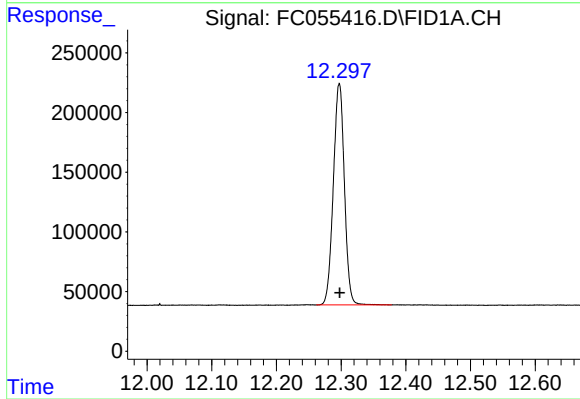
#8 n-Octadecane (C18)

R.T.: 10.994 min
Delta R.T.: 0.000 min
Response: 2314593
Conc: 19.63 ug/ml



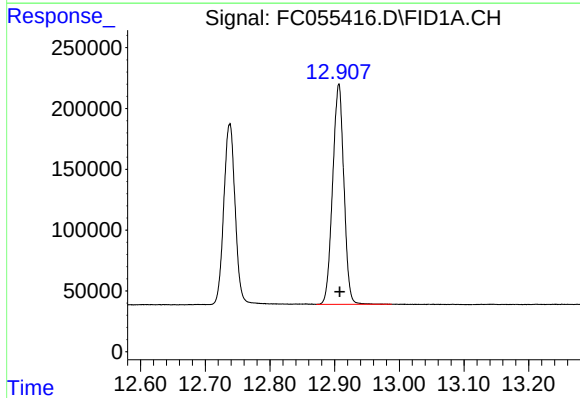
#9 ortho-Terphenyl (SURR)

R.T.: 11.298 min
Delta R.T.: 0.002 min
Response: 2321071
Conc: 18.44 ug/ml



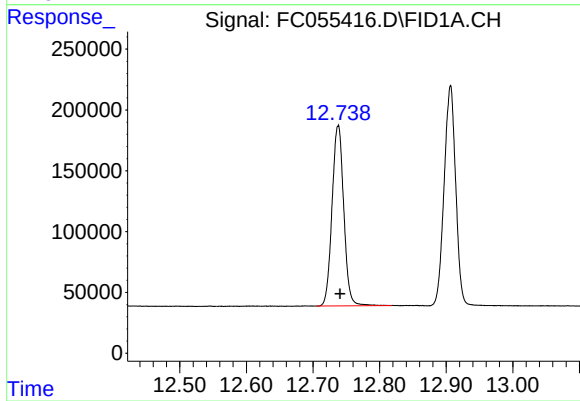
#10 n-Eicosane (C20)

R.T.: 12.297 min
Delta R.T.: 0.000 min
Response: 2206557
Conc: 18.79 ug/ml



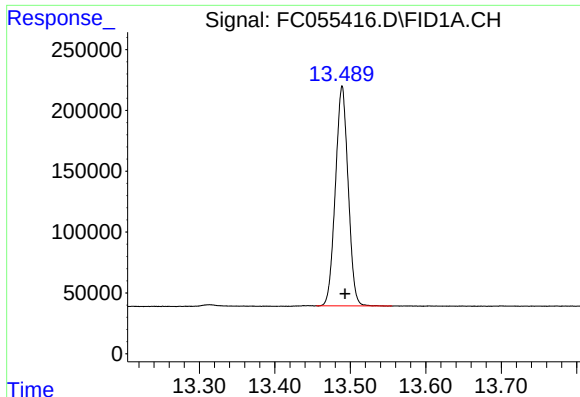
#11 n-Heneicosane (C21)

R.T.: 12.906 min
Delta R.T.: -0.002 min
Response: 2186339
Conc: 18.52 ug/ml



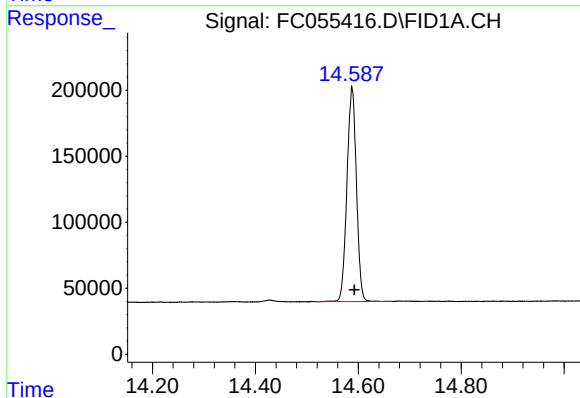
#12 1-chlorooctadecane (SURR)

R.T.: 12.738 min
Delta R.T.: -0.003 min
Response: 1811099
Conc: 18.27 ug/ml



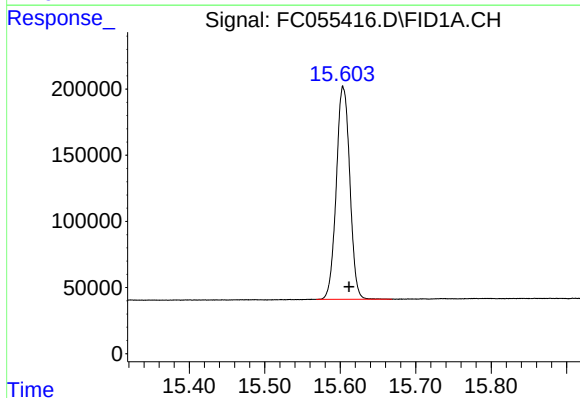
#13 n-Docosane (C22)

R.T.: 13.489 min
Delta R.T.: -0.004 min
Response: 2114387
Conc: 18.10 ug/ml



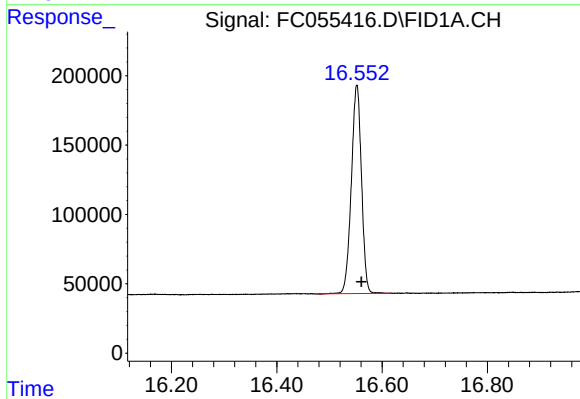
#14 n-Tetracosane (C24)

R.T.: 14.588 min
Delta R.T.: -0.005 min
Response: 2075402
Conc: 17.93 ug/ml



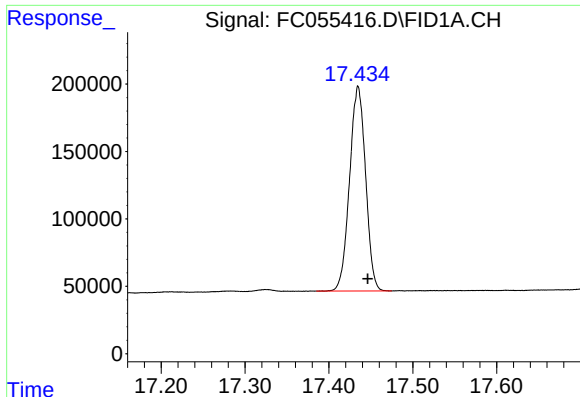
#15 n-Hexacosane (C26)

R.T.: 15.604 min
Delta R.T.: -0.008 min
Response: 2002381
Conc: 17.87 ug/ml



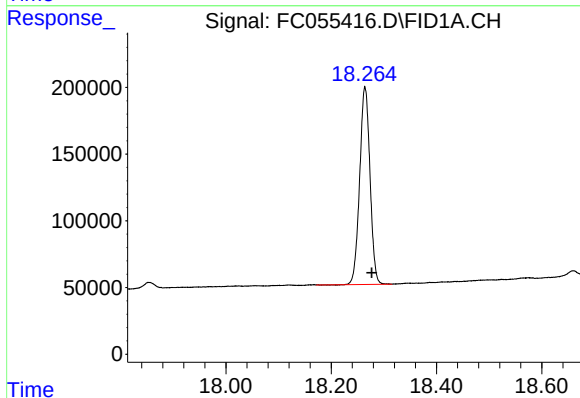
#16 n-Octacosane (C28)

R.T.: 16.552 min
Delta R.T.: -0.009 min
Response: 2007526
Conc: 18.49 ug/ml



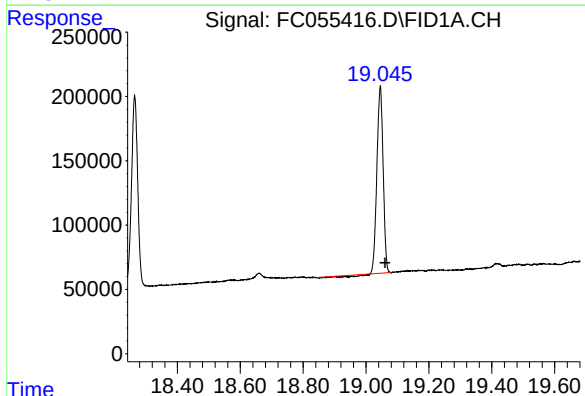
#17 n-Tricontane (C30)

R.T.: 17.435 min
Delta R.T.: -0.011 min
Response: 2010620
Conc: 19.26 ug/ml



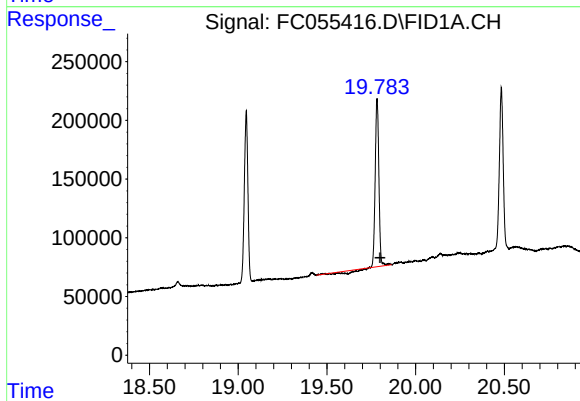
#18 n-Dotriacontane (C32)

R.T.: 18.264 min
Delta R.T.: -0.013 min
Response: 2013661
Conc: 20.33 ug/ml



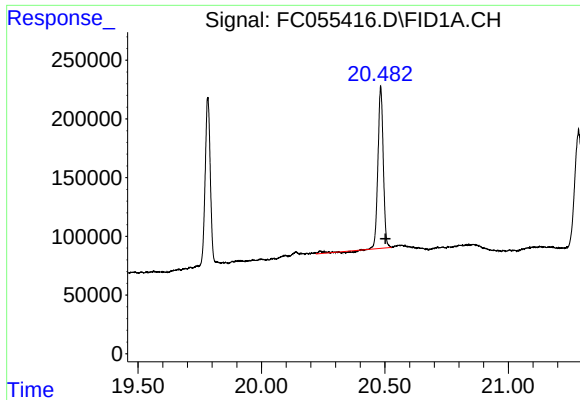
#19 n-Tetratriacontane (C34)

R.T.: 19.045 min
Delta R.T.: -0.015 min
Response: 1951658
Conc: 20.59 ug/ml



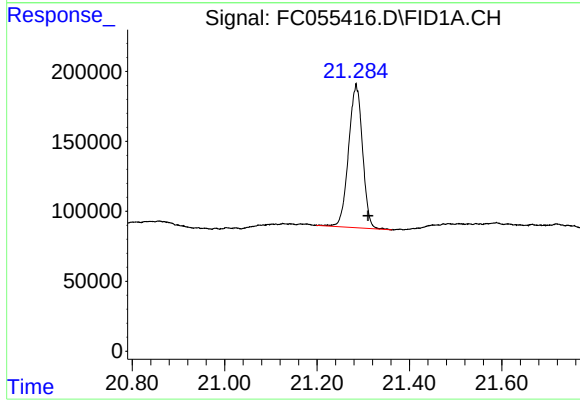
#20 n-Hexatriacontane (C36)

R.T.: 19.783 min
Delta R.T.: -0.017 min
Response: 1925009
Conc: 21.30 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.483 min
Delta R.T.: -0.020 min
Response: 2076947
Conc: 24.04 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.285 min
Delta R.T.: -0.026 min
Response: 2142236
Conc: 24.06 ug/ml