

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC031822AL\
 Data File : FC058836.D
 Signal(s) : FID1A.CH
 Acq On : 18 Mar 2022 18:22
 Operator : UA/NP
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Mar 19 00:24:57 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 022322.M
 Quant Title : GC Extractables
 QLast Update : Wed Feb 23 17:15:11 2022
 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)	11.398	2794243	19.184 ug/ml
Spiked Amount 50.000		Recovery =	38.37%
12) S 1-chlorooctadecane (S...	12.830	2165457	19.104 ug/ml
Spiked Amount 50.000		Recovery =	38.21%
Target Compounds			
1) T n-Nonane (C9)	3.256	2380859	19.799 ug/ml
2) T n-Decane (C10)	4.306	2383615	20.031 ug/ml
3) T A~Naphthalene (C11.7)	5.869	2449996	18.878 ug/ml
4) T n-Dodecane (C12)	6.298	2514251	20.438 ug/ml
5) T A~2-methylnaphthalene...	6.914	2445003	18.754 ug/ml
6) T n-Tetradecane (C14)	8.074	2539628	20.267 ug/ml
7) T n-Hexadecane (C16)	9.660	2576927	20.010 ug/ml
8) T n-Octadecane (C18)	11.090	2602423	19.776 ug/ml
10) T n-Eicosane (C20)	12.390	2575894	19.589 ug/ml
11) T n-Heneicosane (C21)	12.997	2556424	19.344 ug/ml
13) T n-Docosane (C22)	13.580	2545394	19.524 ug/ml
14) T n-Tetracosane (C24)	14.675	2466528	19.101 ug/ml
15) T n-Hexacosane (C26)	15.688	2387596	19.301 ug/ml
16) T n-Octacosane (C28)	16.632	2367102	19.886 ug/ml
17) T n-Tricontane (C30)	17.514	2395577	21.282 ug/ml
18) T n-Dotriacontane (C32)	18.342	2320440	21.579 ug/ml
19) T n-Tetratriacontane (C34)	19.121	2155261	22.244 ug/ml
20) T n-Hexatriacontane (C36)	19.857	2076517	23.017 ug/ml
21) T n-Octatriacontane (C38)	20.560	2101350	24.147 ug/ml
22) T n-Tetracontane (C40)	21.385	1963784	23.401 ug/ml

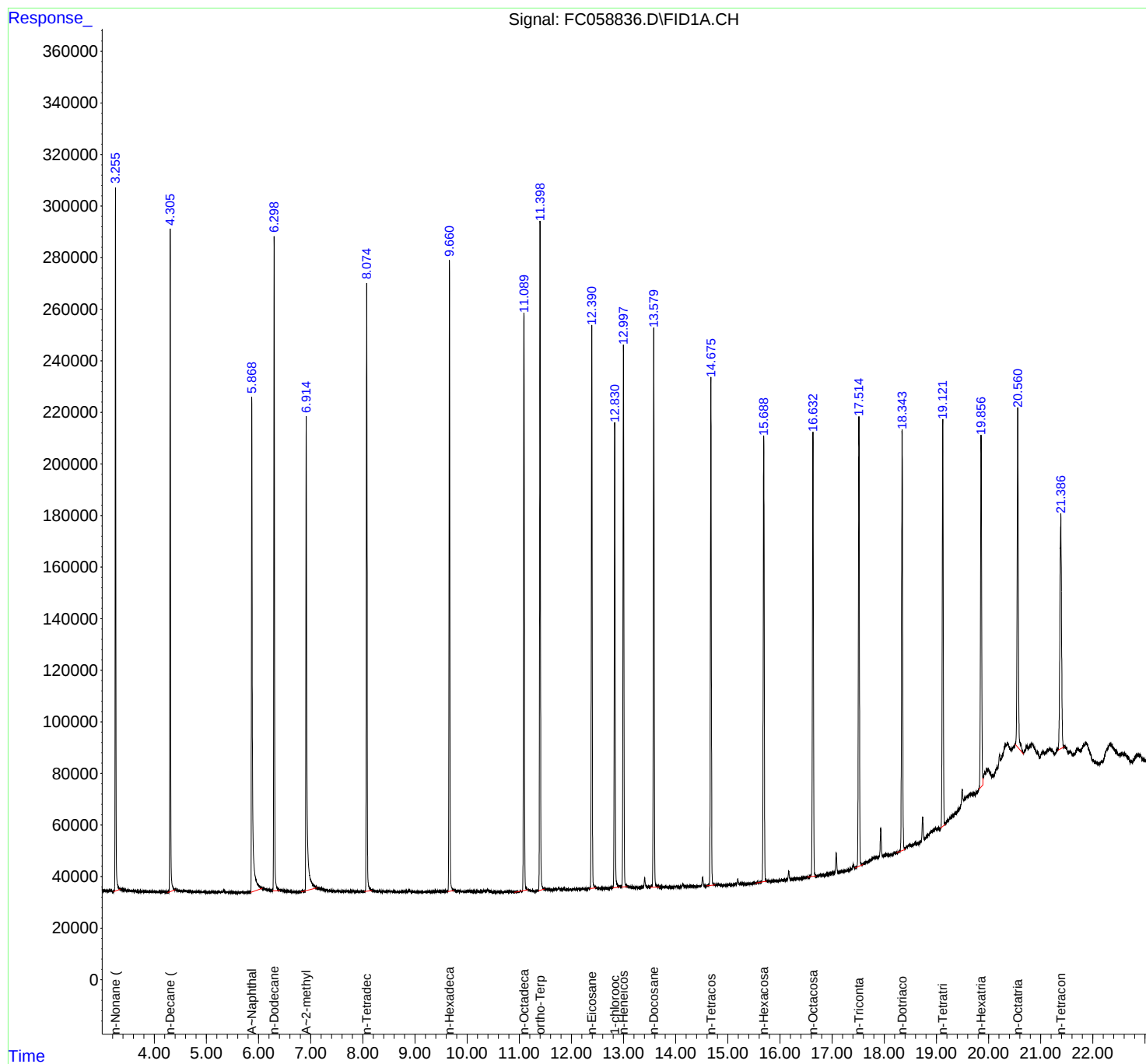
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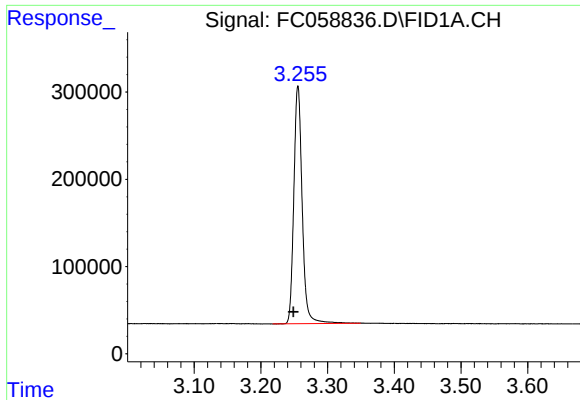
(m)=manual int.

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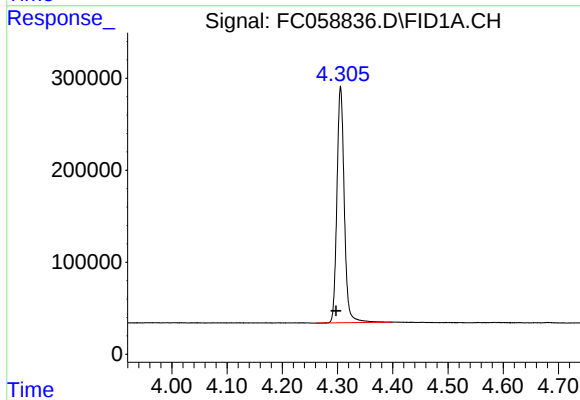
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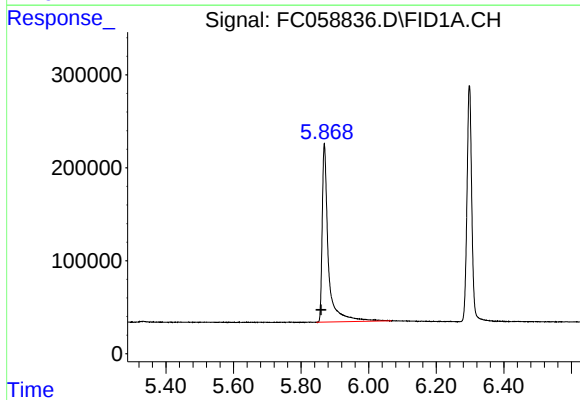
#1 n-Nonane (C9)

R.T.: 3.256 min
Delta R.T.: 0.007 min
Response: 2380859
Conc: 19.80 ug/ml



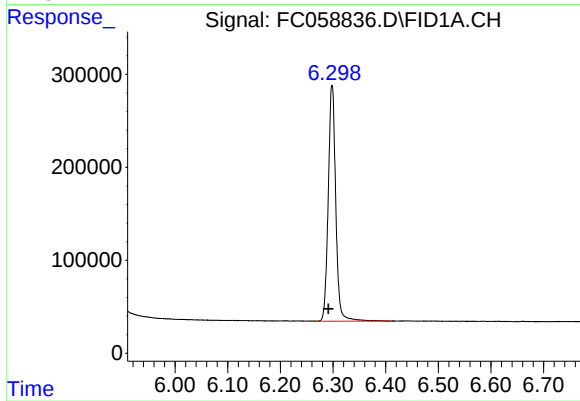
#2 n-Decane (C10)

R.T.: 4.306 min
Delta R.T.: 0.008 min
Response: 2383615
Conc: 20.03 ug/ml



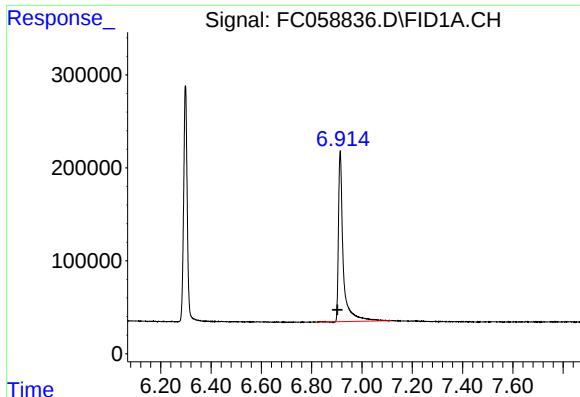
#3 A~Naphthalene (C11.7)

R.T.: 5.869 min
Delta R.T.: 0.010 min
Response: 2449996
Conc: 18.88 ug/ml



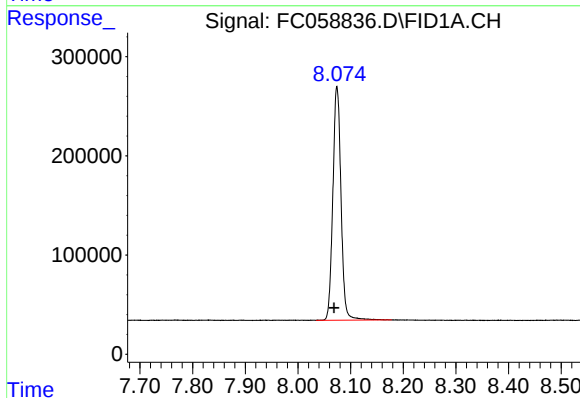
#4 n-Dodecane (C12)

R.T.: 6.298 min
Delta R.T.: 0.007 min
Response: 2514251
Conc: 20.44 ug/ml



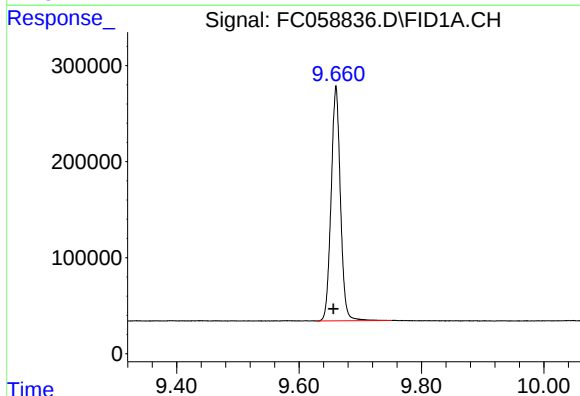
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.914 min
Delta R.T.: 0.011 min
Response: 2445003
Conc: 18.75 ug/ml



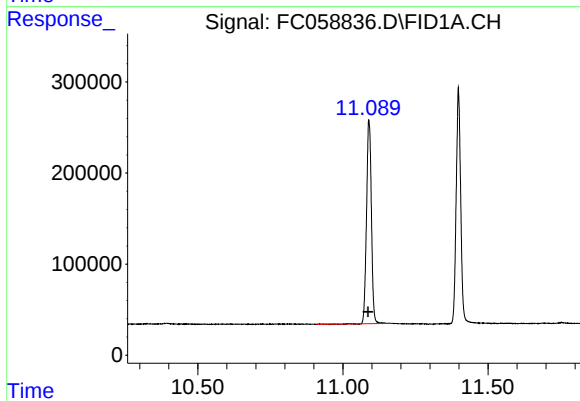
#6 n-Tetradecane (C14)

R.T.: 8.074 min
Delta R.T.: 0.006 min
Response: 2539628
Conc: 20.27 ug/ml



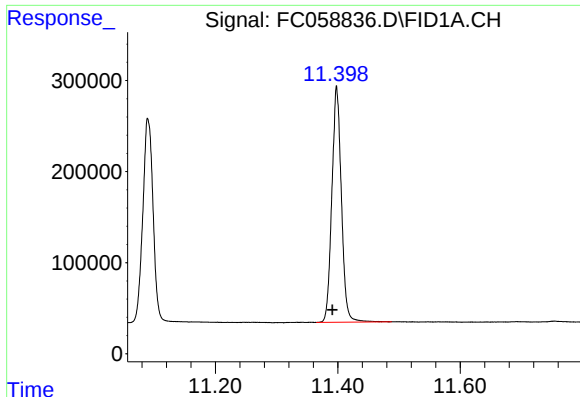
#7 n-Hexadecane (C16)

R.T.: 9.660 min
Delta R.T.: 0.004 min
Response: 2576927
Conc: 20.01 ug/ml



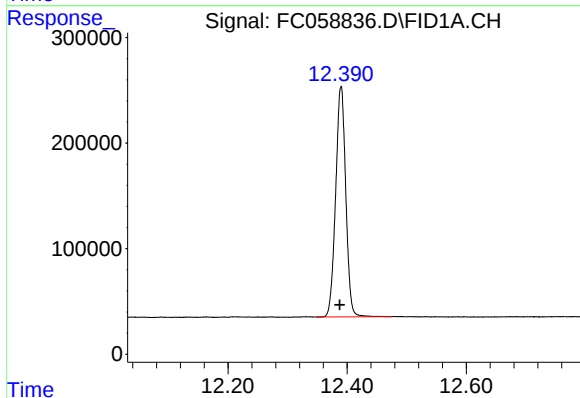
#8 n-Octadecane (C18)

R.T.: 11.090 min
Delta R.T.: 0.004 min
Response: 2602423
Conc: 19.78 ug/ml



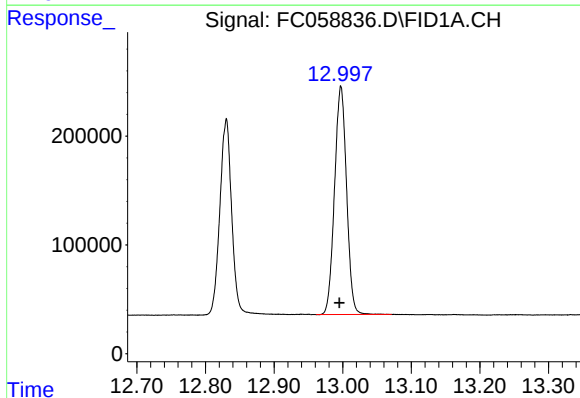
#9 ortho-Terphenyl (SURR)

R.T.: 11.398 min
Delta R.T.: 0.007 min
Response: 2794243
Conc: 19.18 ug/ml



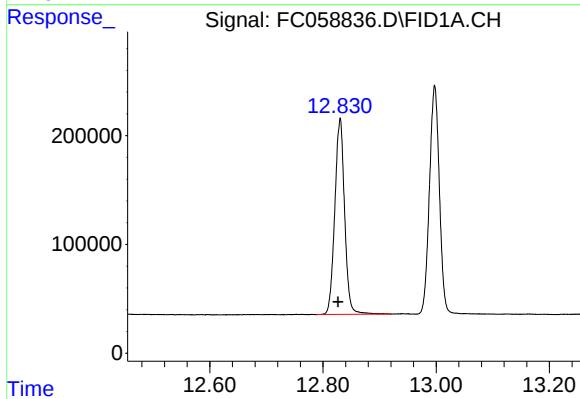
#10 n-Eicosane (C20)

R.T.: 12.390 min
Delta R.T.: 0.002 min
Response: 2575894
Conc: 19.59 ug/ml



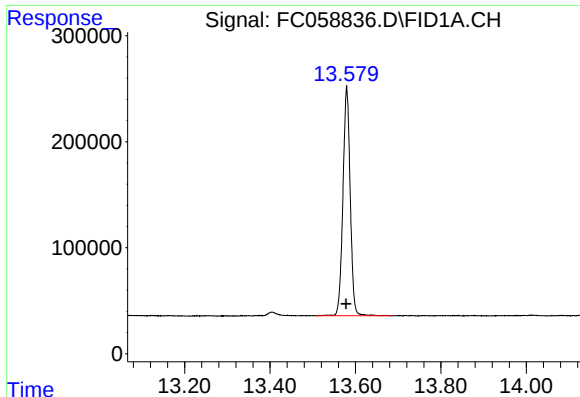
#11 n-Heneicosane (C21)

R.T.: 12.997 min
Delta R.T.: 0.002 min
Response: 2556424
Conc: 19.34 ug/ml



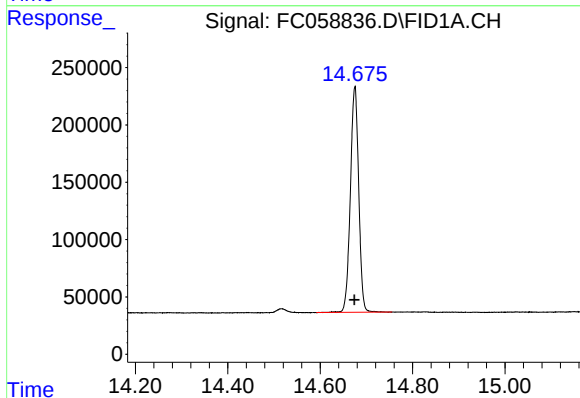
#12 1-chlorooctadecane (SURR)

R.T.: 12.830 min
Delta R.T.: 0.003 min
Response: 2165457
Conc: 19.10 ug/ml



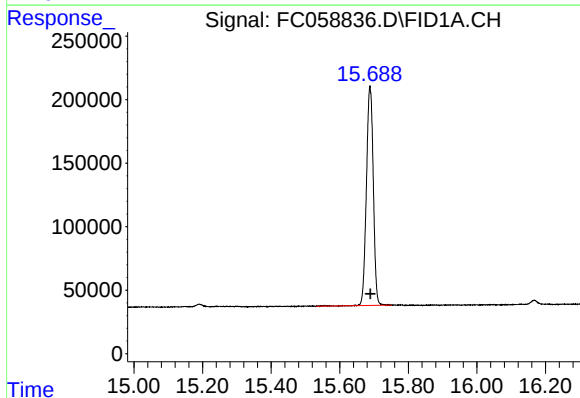
#13 n-Docosane (C22)

R.T.: 13.580 min
Delta R.T.: 0.002 min
Response: 2545394
Conc: 19.52 ug/ml



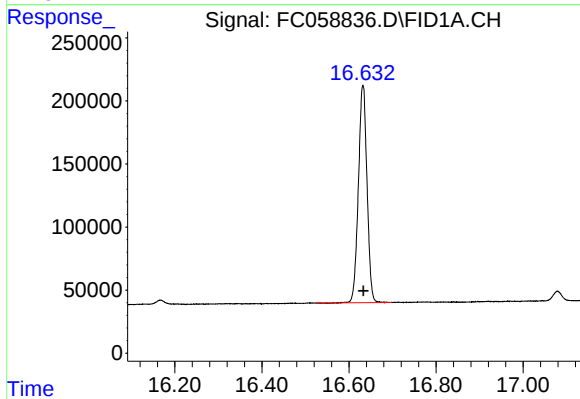
#14 n-Tetracosane (C24)

R.T.: 14.675 min
Delta R.T.: 0.001 min
Response: 2466528
Conc: 19.10 ug/ml



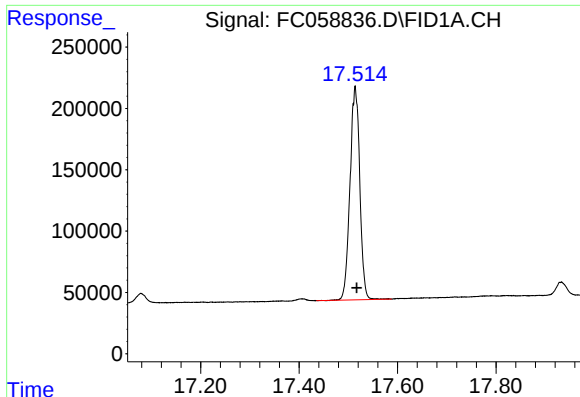
#15 n-Hexacosane (C26)

R.T.: 15.688 min
Delta R.T.: -0.001 min
Response: 2387596
Conc: 19.30 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.632 min
Delta R.T.: -0.001 min
Response: 2367102
Conc: 19.89 ug/ml



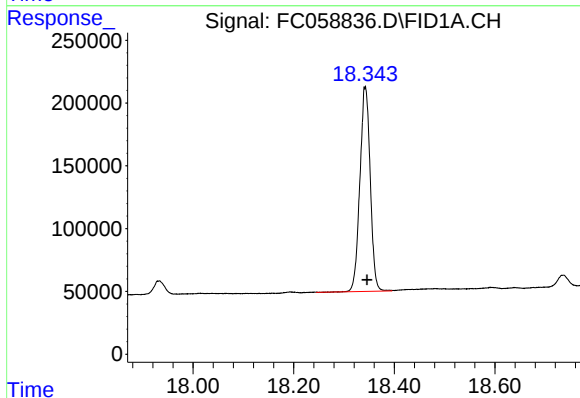
#17 n-Tricontane (C30)

R.T.: 17.514 min

Delta R.T.: -0.003 min

Response: 2395577

Conc: 21.28 ug/ml



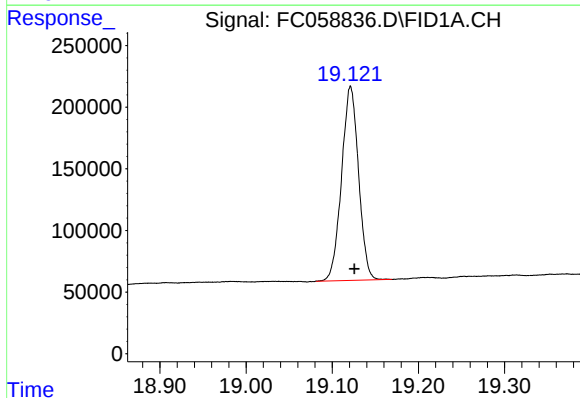
#18 n-Dotriacontane (C32)

R.T.: 18.342 min

Delta R.T.: -0.004 min

Response: 2320440

Conc: 21.58 ug/ml



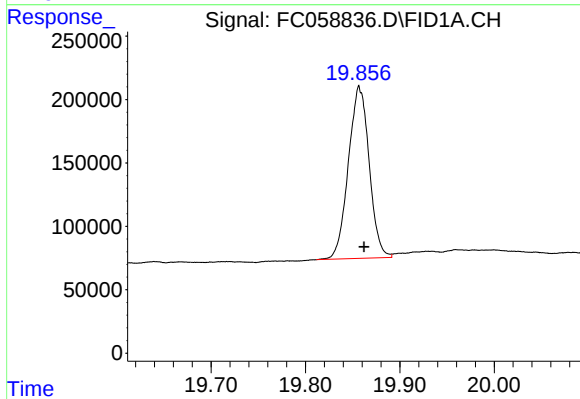
#19 n-Tetratriacontane (C34)

R.T.: 19.121 min

Delta R.T.: -0.005 min

Response: 2155261

Conc: 22.24 ug/ml



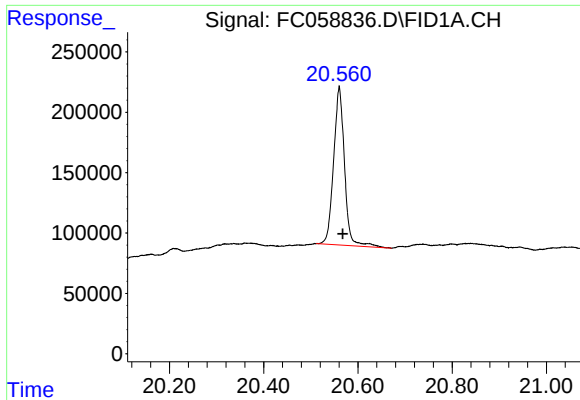
#20 n-Hexatriacontane (C36)

R.T.: 19.857 min

Delta R.T.: -0.005 min

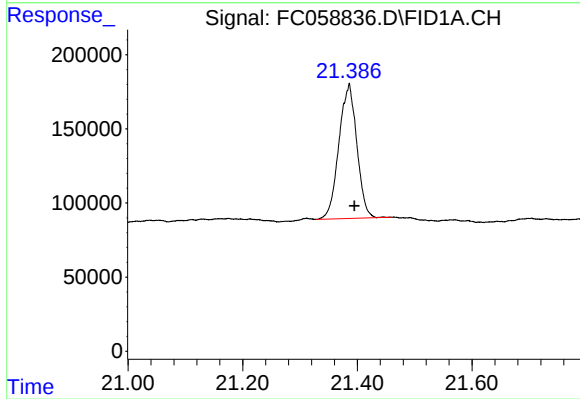
Response: 2076517

Conc: 23.02 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.560 min
Delta R.T.: -0.007 min
Response: 2101350
Conc: 24.15 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.385 min
Delta R.T.: -0.010 min
Response: 1963784
Conc: 23.40 ug/ml