

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC082621AL\
 Data File : FC055391.D
 Signal(s) : FID1A.CH
 Acq On : 26 Aug 2021 10:48
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Aug 27 01:14:14 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)	11.300	2272092	18.047 ug/ml
Spiked Amount 50.000		Recovery =	36.09%
12) S 1-chlorooctadecane (S...	12.740	1769407	17.854 ug/ml
Spiked Amount 50.000		Recovery =	35.71%
Target Compounds			
1) T n-Nonane (C9)	3.138	2202181	21.060 ug/ml
2) T n-Decane (C10)	4.187	2266848	21.526 ug/ml
3) T A~Naphthalene (C11.7)	5.753	2269289	20.885 ug/ml
4) T n-Dodecane (C12)	6.187	2318562	21.351 ug/ml
5) T A~2-methylnaphthalene...	6.802	2287212	20.957 ug/ml
6) T n-Tetradecane (C14)	7.970	2316383	20.749 ug/ml
7) T n-Hexadecane (C16)	9.562	2280578	19.996 ug/ml
8) T n-Octadecane (C18)	10.996	2263976	19.199 ug/ml
10) T n-Eicosane (C20)	12.299	2155432	18.359 ug/ml
11) T n-Heneicosane (C21)	12.909	2142074	18.141 ug/ml
13) T n-Docosane (C22)	13.492	2078768	17.798 ug/ml
14) T n-Tetracosane (C24)	14.591	2011767	17.380 ug/ml
15) T n-Hexacosane (C26)	15.608	1951850	17.416 ug/ml
16) T n-Octacosane (C28)	16.554	1952249	17.981 ug/ml
17) T n-Tricontane (C30)	17.440	1942349	18.603 ug/ml
18) T n-Dotriacontane (C32)	18.270	1919029	19.378 ug/ml
19) T n-Tetratriacontane (C34)	19.051	1946771	20.540 ug/ml
20) T n-Hexatriacontane (C36)	19.787	1976672	21.874 ug/ml
21) T n-Octatriacontane (C38)	20.488	2038404	23.592 ug/ml
22) T n-Tetracontane (C40)	21.289	1971039	22.133 ug/ml

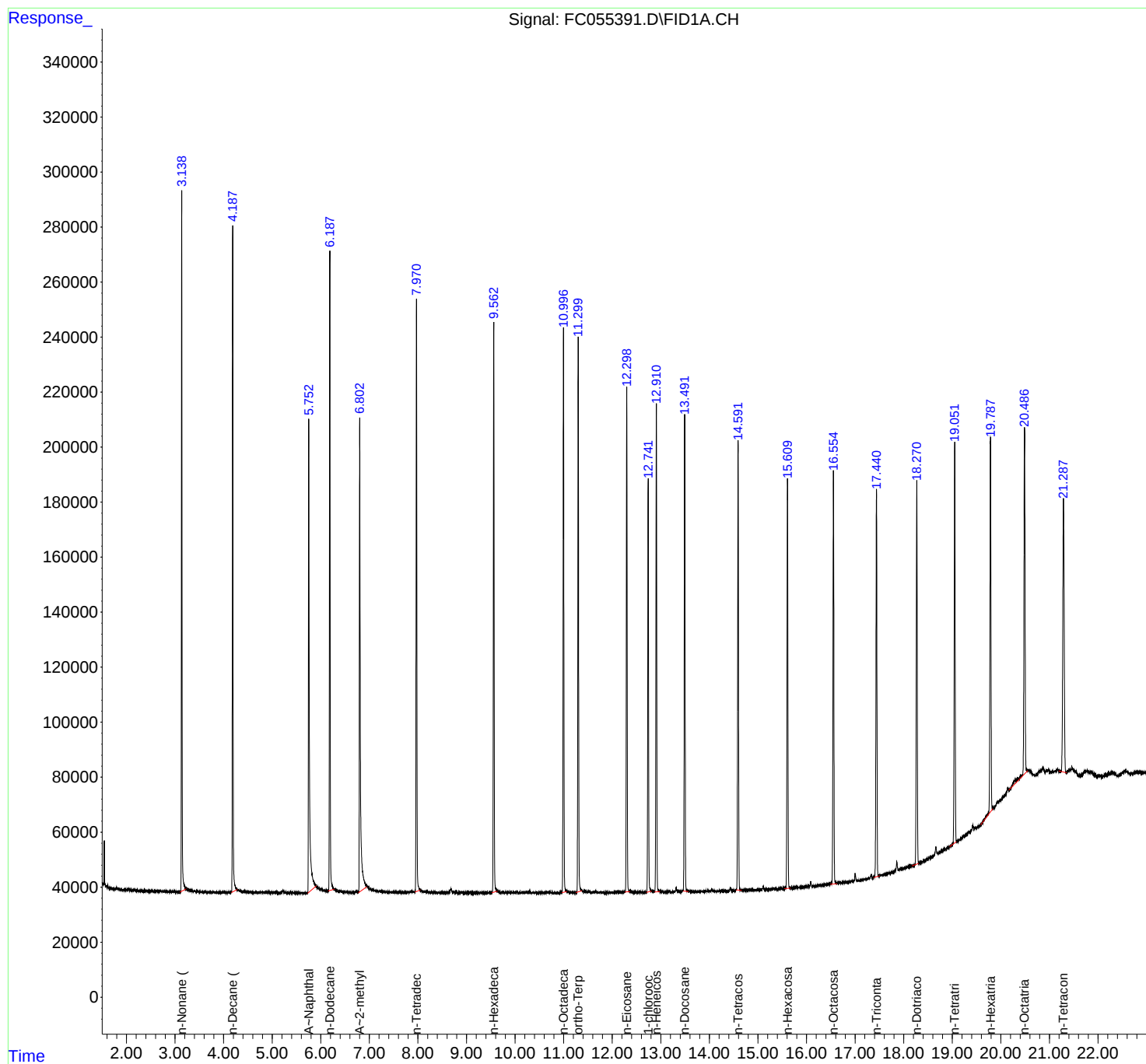
(f)=RT Delta > 1/2 Window

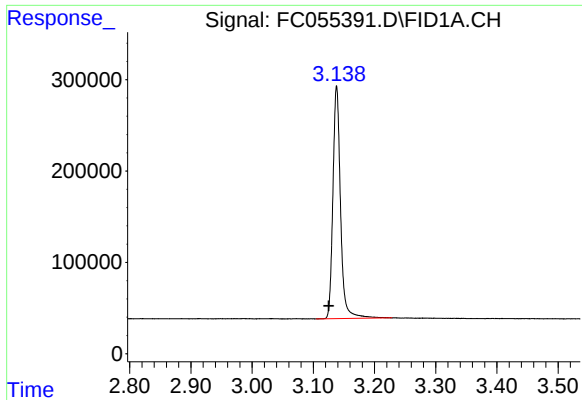
(m)=manual int.

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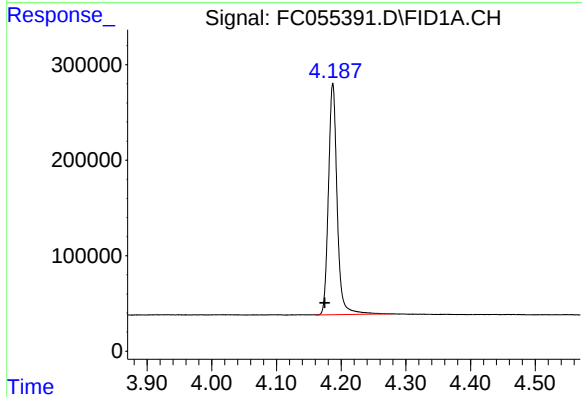
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Signal Info : 20M x 0.18mm x 0.18um





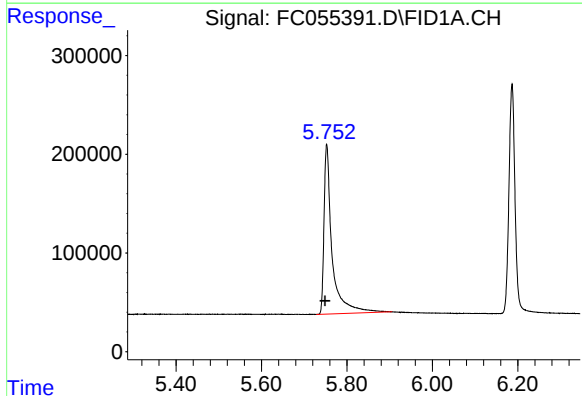
#1 n-Nonane (C9)

R.T.: 3.138 min
Delta R.T.: 0.013 min
Response: 2202181
Conc: 21.06 ug/ml



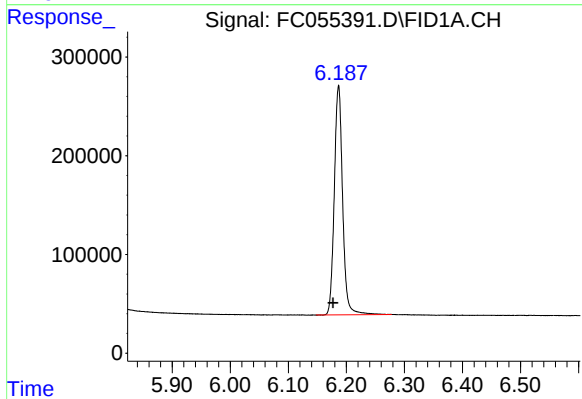
#2 n-Decane (C10)

R.T.: 4.187 min
Delta R.T.: 0.013 min
Response: 2266848
Conc: 21.53 ug/ml



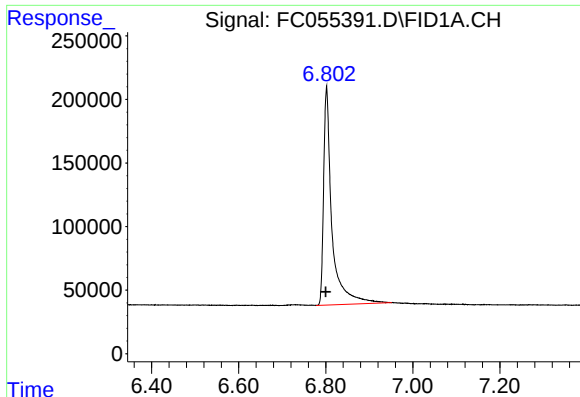
#3 A~Naphthalene (C11.7)

R.T.: 5.753 min
Delta R.T.: 0.004 min
Response: 2269289
Conc: 20.88 ug/ml



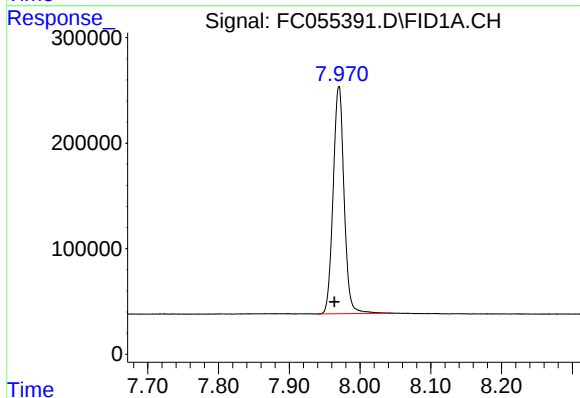
#4 n-Dodecane (C12)

R.T.: 6.187 min
Delta R.T.: 0.010 min
Response: 2318562
Conc: 21.35 ug/ml



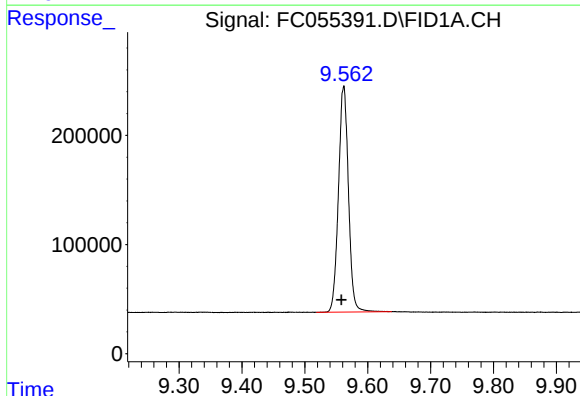
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.802 min
Delta R.T.: 0.002 min
Response: 2287212
Conc: 20.96 ug/ml



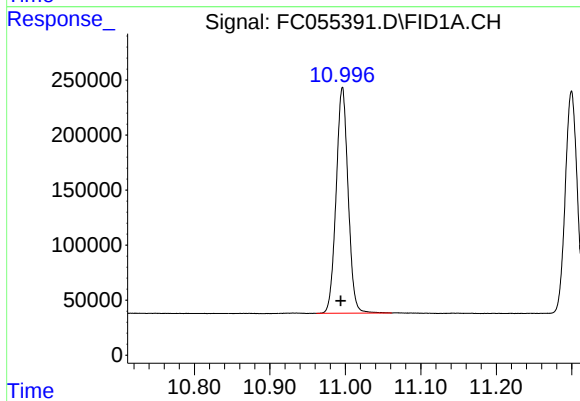
#6 n-Tetradecane (C14)

R.T.: 7.970 min
Delta R.T.: 0.006 min
Response: 2316383
Conc: 20.75 ug/ml



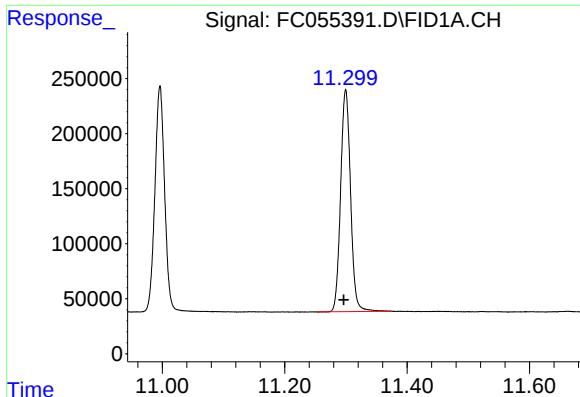
#7 n-Hexadecane (C16)

R.T.: 9.562 min
Delta R.T.: 0.004 min
Response: 2280578
Conc: 20.00 ug/ml



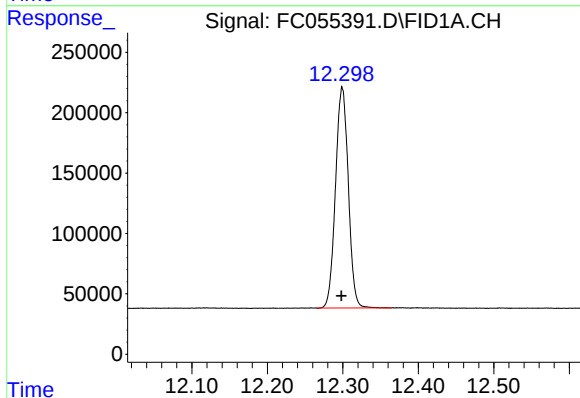
#8 n-Octadecane (C18)

R.T.: 10.996 min
Delta R.T.: 0.002 min
Response: 2263976
Conc: 19.20 ug/ml



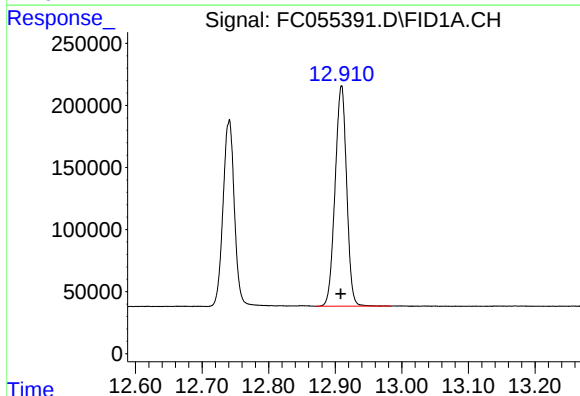
#9 ortho-Terphenyl (SURR)

R.T.: 11.300 min
Delta R.T.: 0.003 min
Response: 2272092
Conc: 18.05 ug/ml



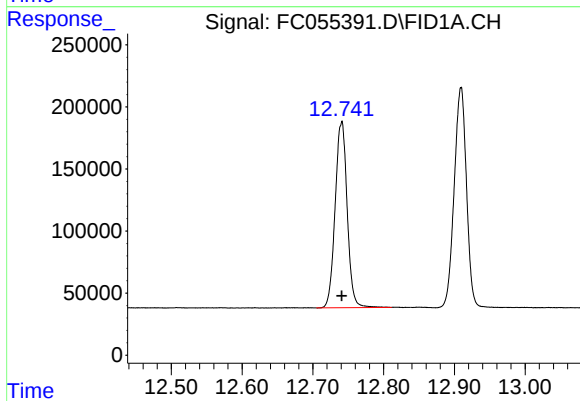
#10 n-Eicosane (C20)

R.T.: 12.299 min
Delta R.T.: 0.001 min
Response: 2155432
Conc: 18.36 ug/ml



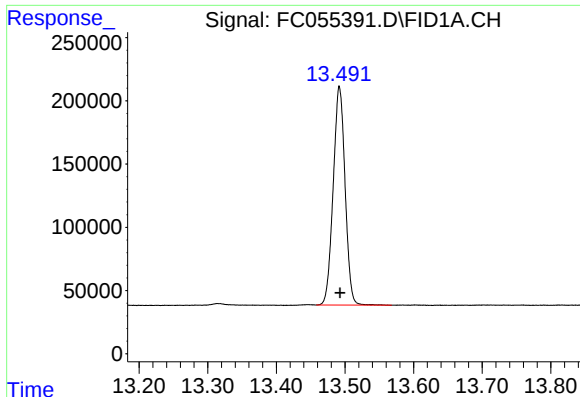
#11 n-Heneicosane (C21)

R.T.: 12.909 min
Delta R.T.: 0.001 min
Response: 2142074
Conc: 18.14 ug/ml



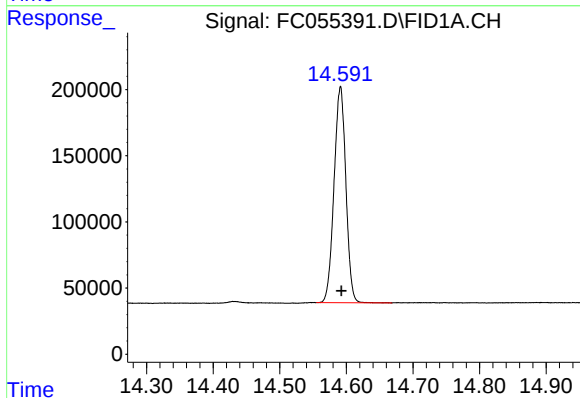
#12 1-chlorooctadecane (SURR)

R.T.: 12.740 min
Delta R.T.: 0.000 min
Response: 1769407
Conc: 17.85 ug/ml



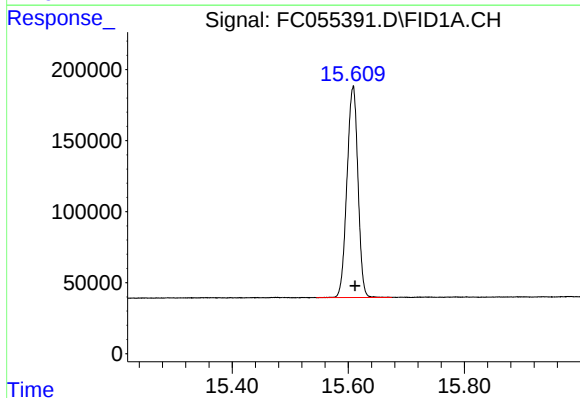
#13 n-Docosane (C22)

R.T.: 13.492 min
Delta R.T.: 0.000 min
Response: 2078768
Conc: 17.80 ug/ml



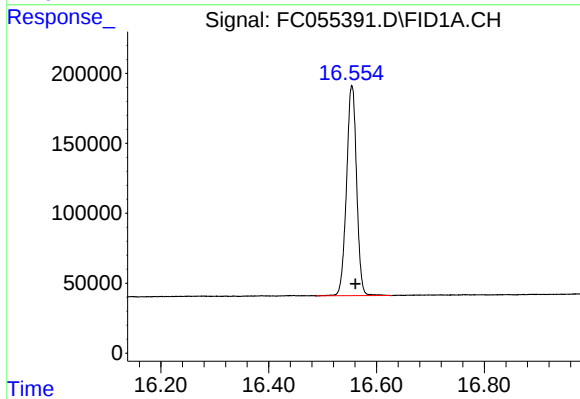
#14 n-Tetracosane (C24)

R.T.: 14.591 min
Delta R.T.: -0.001 min
Response: 2011767
Conc: 17.38 ug/ml



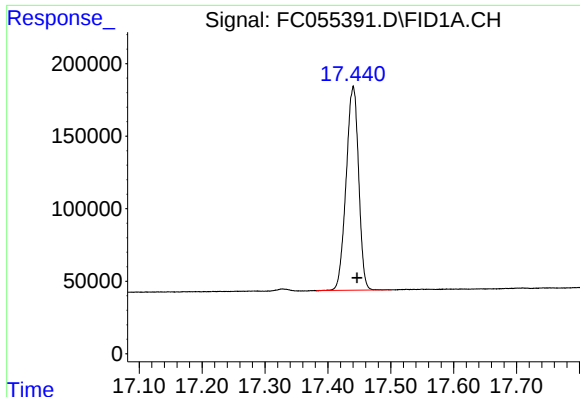
#15 n-Hexacosane (C26)

R.T.: 15.608 min
Delta R.T.: -0.004 min
Response: 1951850
Conc: 17.42 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.554 min
Delta R.T.: -0.006 min
Response: 1952249
Conc: 17.98 ug/ml



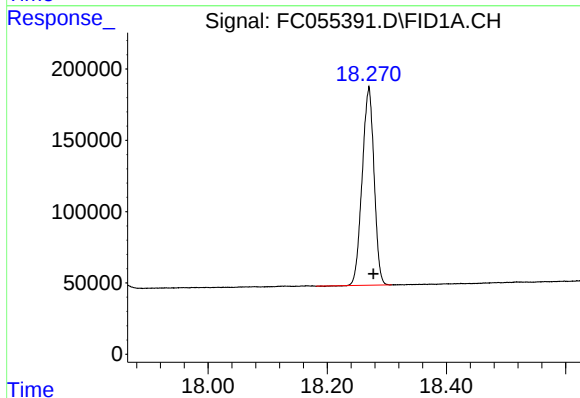
#17 n-Tricontane (C30)

R.T.: 17.440 min

Delta R.T.: -0.006 min

Response: 1942349

Conc: 18.60 ug/ml



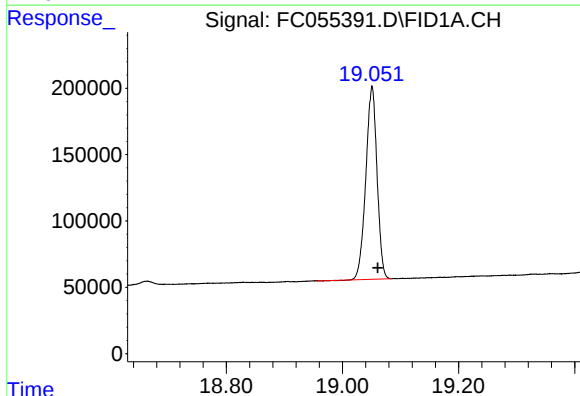
#18 n-Dotriacontane (C32)

R.T.: 18.270 min

Delta R.T.: -0.008 min

Response: 1919029

Conc: 19.38 ug/ml



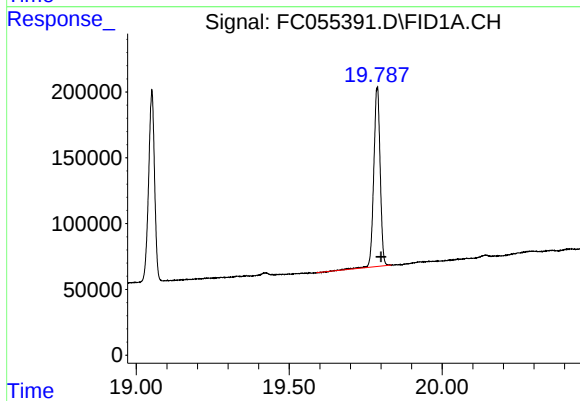
#19 n-Tetratriacontane (C34)

R.T.: 19.051 min

Delta R.T.: -0.010 min

Response: 1946771

Conc: 20.54 ug/ml



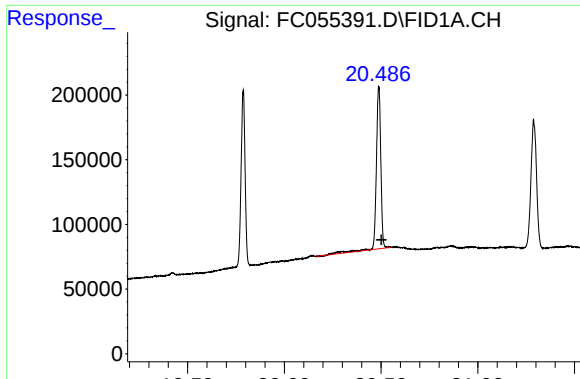
#20 n-Hexatriacontane (C36)

R.T.: 19.787 min

Delta R.T.: -0.012 min

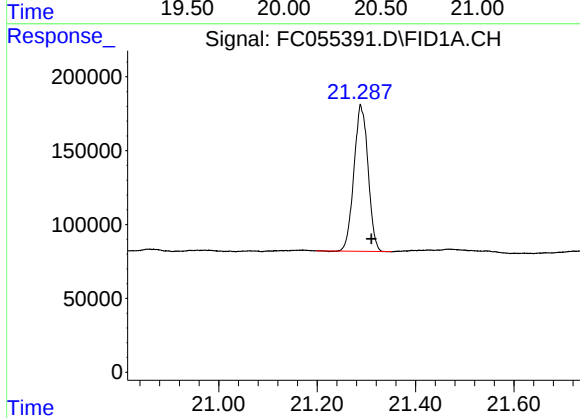
Response: 1976672

Conc: 21.87 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.488 min
Delta R.T.: -0.015 min
Response: 2038404
Conc: 23.59 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.289 min
Delta R.T.: -0.021 min
Response: 1971039
Conc: 22.13 ug/ml