

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC072821AL\
 Data File : FC054888.D
 Signal(s) : FID1A.CH
 Acq On : 28 Jul 2021 10:12
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jul 29 02:02:21 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 072121.M
 Quant Title : GC Extractables
 QLast Update : Wed Jul 21 03:37:32 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)	11.314	2684485	19.299 ug/ml
Spiked Amount 50.000		Recovery =	38.60%
12) S 1-chlorooctadecane (S...	12.757	2089115	18.793 ug/ml
Spiked Amount 50.000		Recovery =	37.59%
Target Compounds			
1) T n-Nonane (C9)	3.130	2435750	21.228 ug/ml
2) T n-Decane (C10)	4.183	2485168	21.384 ug/ml
3) T A~Naphthalene (C11.7)	5.750	2593734	21.557 ug/ml
4) T n-Dodecane (C12)	6.189	2548672	21.324 ug/ml
5) T A~2-methylnaphthalene...	6.803	2642926	21.641 ug/ml
6) T n-Tetradecane (C14)	7.978	2595578	21.099 ug/ml
7) T n-Hexadecane (C16)	9.573	2594648	20.582 ug/ml
8) T n-Octadecane (C18)	11.011	2611194	19.921 ug/ml
10) T n-Eicosane (C20)	12.317	2526927	19.178 ug/ml
11) T n-Heneicosane (C21)	12.926	2510175	18.848 ug/ml
13) T n-Docosane (C22)	13.512	2437365	18.406 ug/ml
14) T n-Tetracosane (C24)	14.612	2347141	17.803 ug/ml
15) T n-Hexacosane (C26)	15.631	2219883	17.259 ug/ml
16) T n-Octacosane (C28)	16.579	2155542	16.366 ug/ml
17) T n-Tricontane (C30)	17.467	2089292	14.682 ug/ml
18) T n-Dotriacontane (C32)	18.299	2038999	16.476 ug/ml
19) T n-Tetratriacontane (C34)	19.082	2046925	19.991 ug/ml
20) T n-Hexatriacontane (C36)	19.822	2045566	21.599 ug/ml
21) T n-Octatriacontane (C38)	20.528	2124256	22.814 ug/ml
22) T n-Tetracontane (C40)	21.345	2067108	21.298 ug/ml

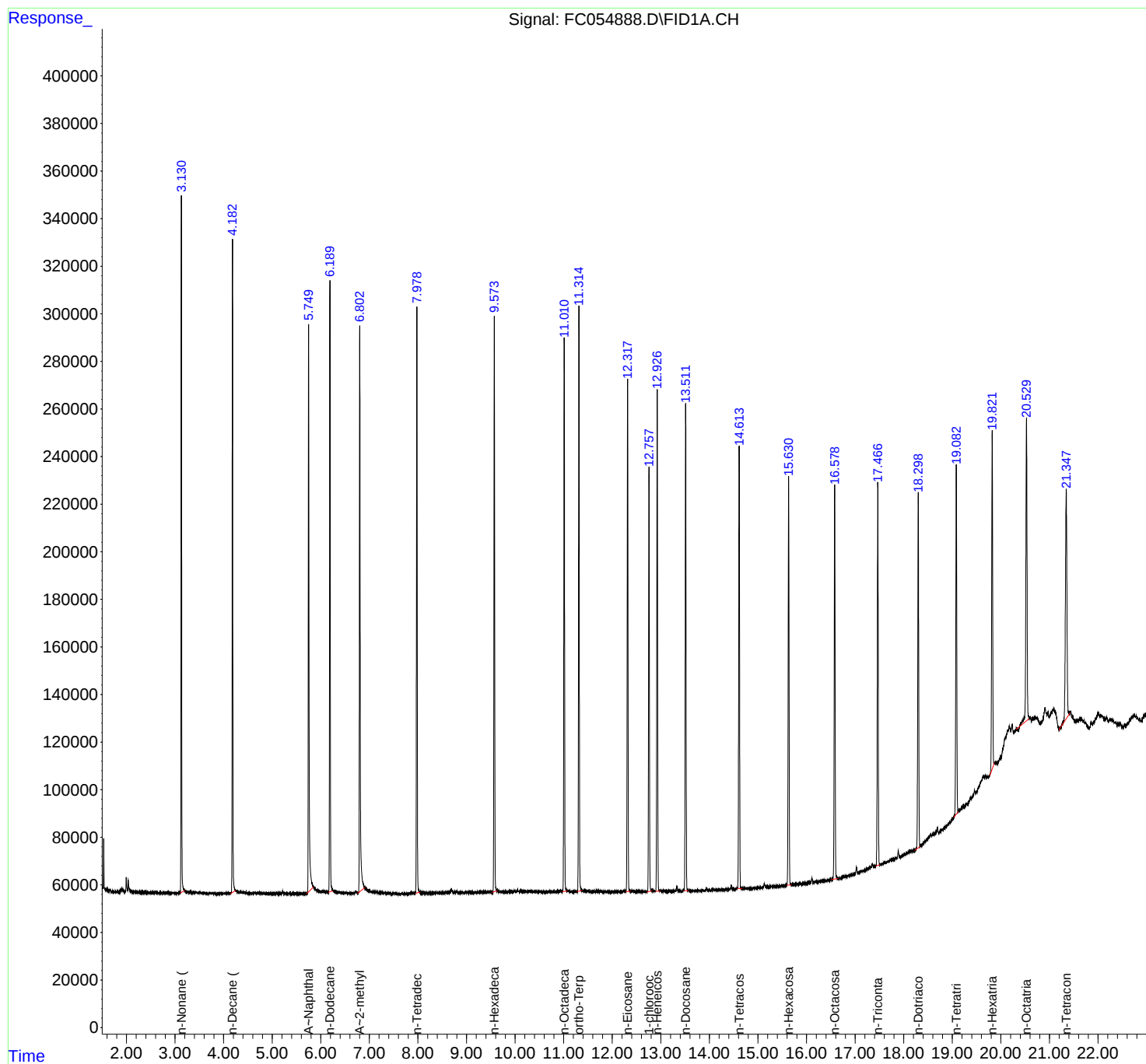
(f)=RT Delta > 1/2 Window

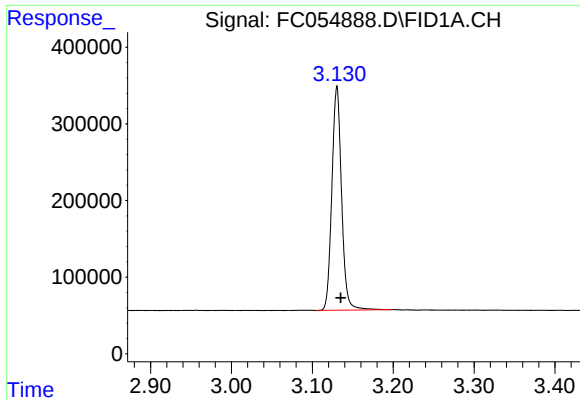
(m)=manual int.

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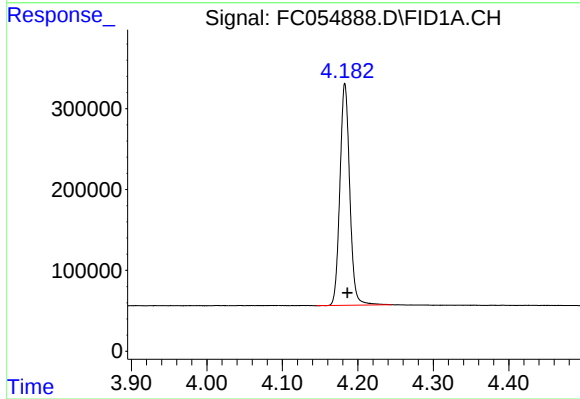
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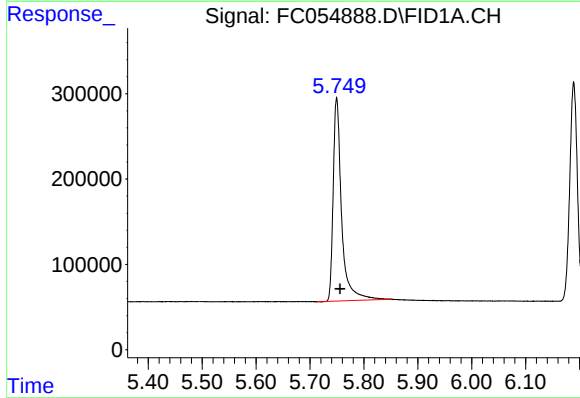
#1 n-Nonane (C9)

R.T.: 3.130 min
Delta R.T.: -0.005 min
Response: 2435750
Conc: 21.23 ug/ml



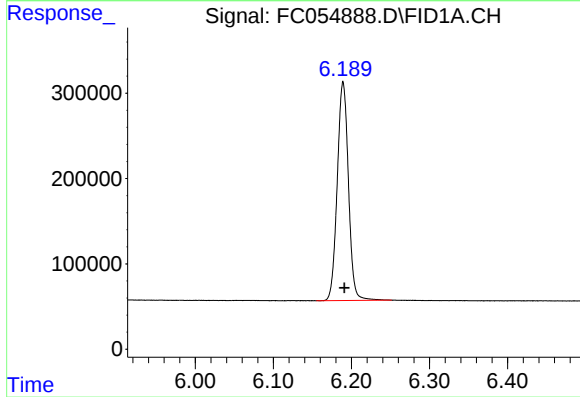
#2 n-Decane (C10)

R.T.: 4.183 min
Delta R.T.: -0.003 min
Response: 2485168
Conc: 21.38 ug/ml



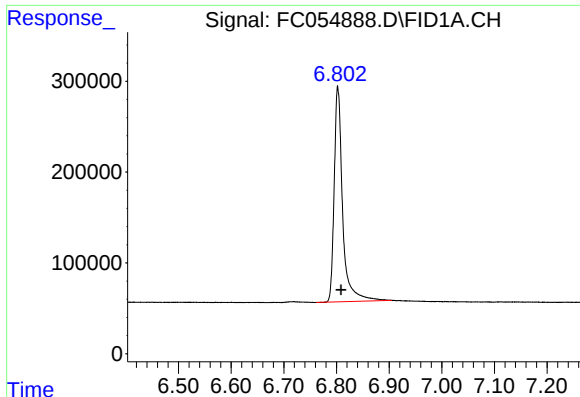
#3 A~Naphthalene (C11.7)

R.T.: 5.750 min
Delta R.T.: -0.006 min
Response: 2593734
Conc: 21.56 ug/ml



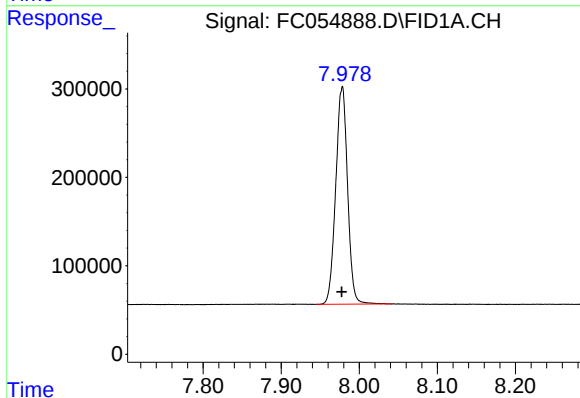
#4 n-Dodecane (C12)

R.T.: 6.189 min
Delta R.T.: -0.001 min
Response: 2548672
Conc: 21.32 ug/ml



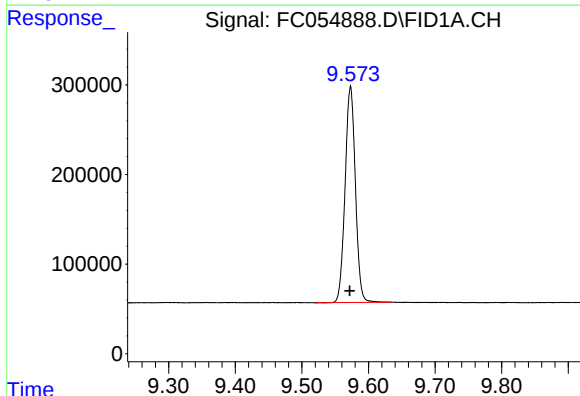
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.803 min
Delta R.T.: -0.006 min
Response: 2642926
Conc: 21.64 ug/ml



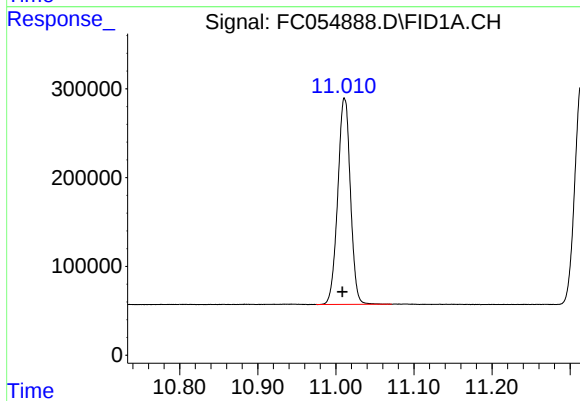
#6 n-Tetradecane (C14)

R.T.: 7.978 min
Delta R.T.: 0.000 min
Response: 2595578
Conc: 21.10 ug/ml



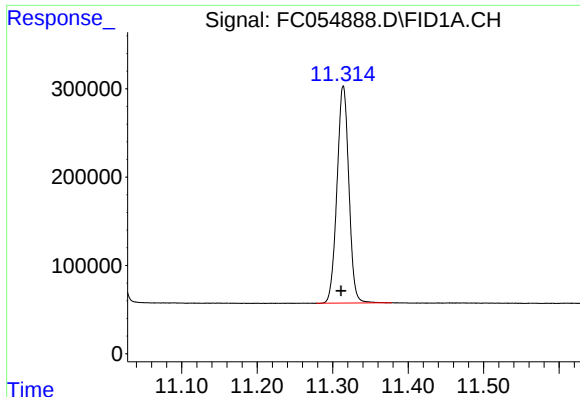
#7 n-Hexadecane (C16)

R.T.: 9.573 min
Delta R.T.: 0.001 min
Response: 2594648
Conc: 20.58 ug/ml



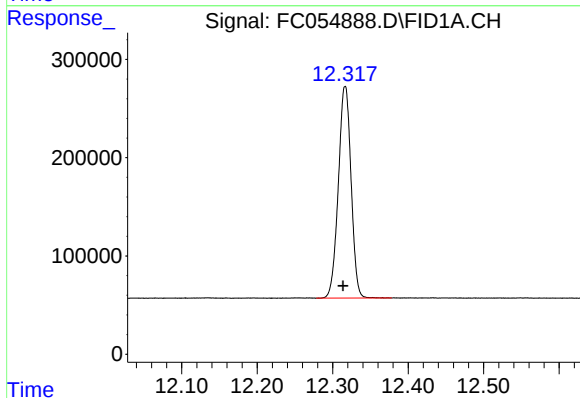
#8 n-Octadecane (C18)

R.T.: 11.011 min
Delta R.T.: 0.003 min
Response: 2611194
Conc: 19.92 ug/ml



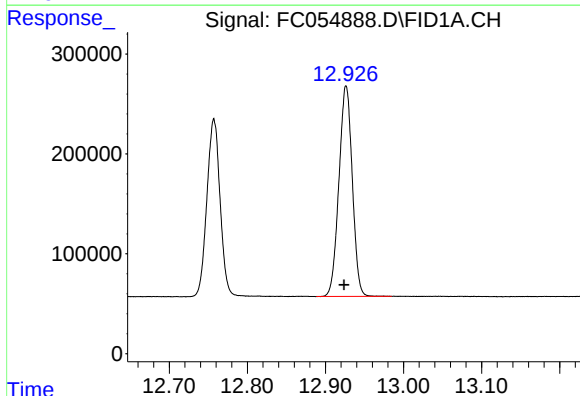
#9 ortho-Terphenyl (SURR)

R.T.: 11.314 min
Delta R.T.: 0.003 min
Response: 2684485
Conc: 19.30 ug/ml



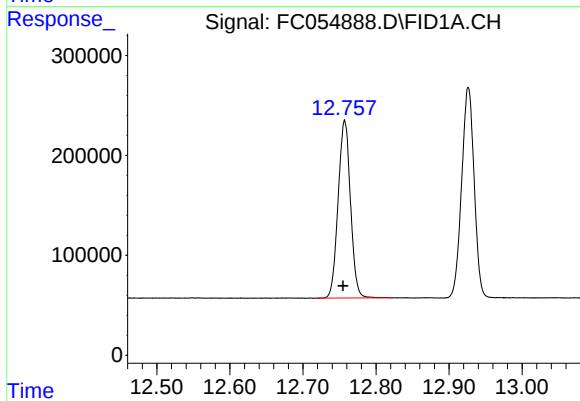
#10 n-Eicosane (C20)

R.T.: 12.317 min
Delta R.T.: 0.003 min
Response: 2526927
Conc: 19.18 ug/ml



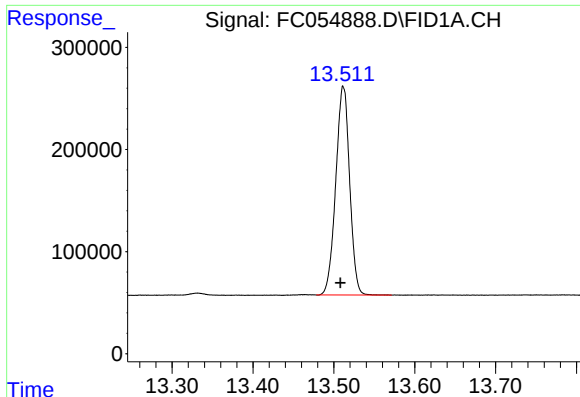
#11 n-Heneicosane (C21)

R.T.: 12.926 min
Delta R.T.: 0.003 min
Response: 2510175
Conc: 18.85 ug/ml



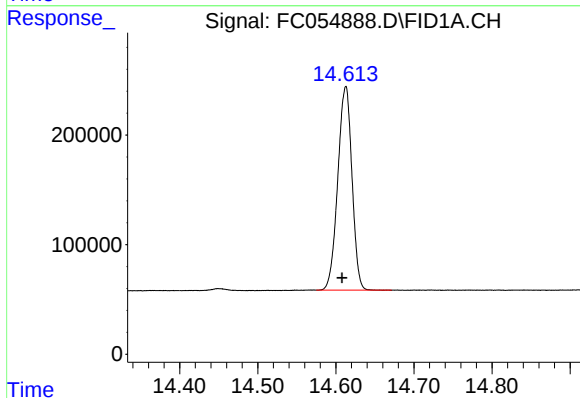
#12 1-chlorooctadecane (SURR)

R.T.: 12.757 min
Delta R.T.: 0.002 min
Response: 2089115
Conc: 18.79 ug/ml



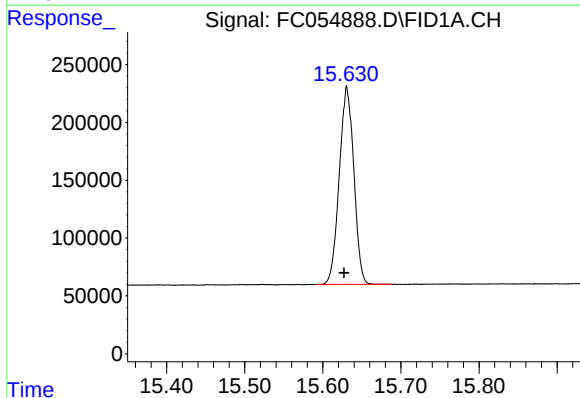
#13 n-Docosane (C22)

R.T.: 13.512 min
Delta R.T.: 0.004 min
Response: 2437365
Conc: 18.41 ug/ml



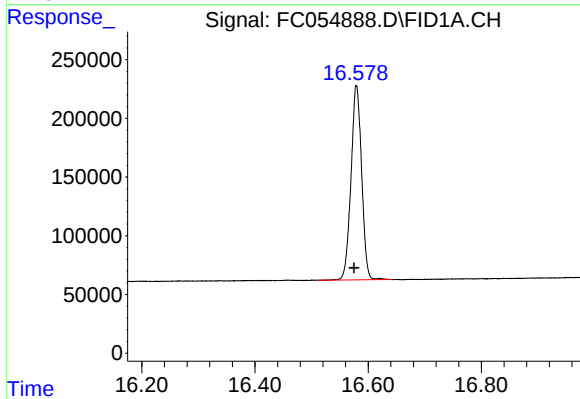
#14 n-Tetracosane (C24)

R.T.: 14.612 min
Delta R.T.: 0.004 min
Response: 2347141
Conc: 17.80 ug/ml



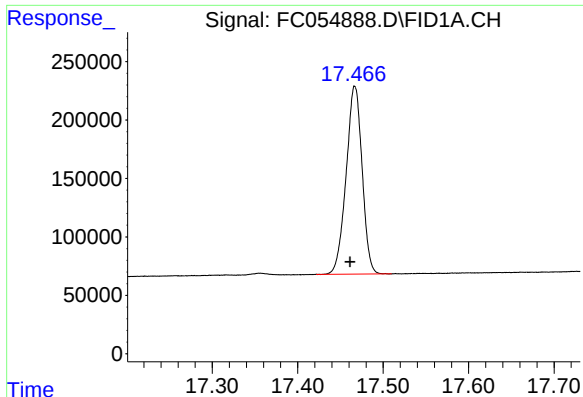
#15 n-Hexacosane (C26)

R.T.: 15.631 min
Delta R.T.: 0.004 min
Response: 2219883
Conc: 17.26 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.579 min
Delta R.T.: 0.004 min
Response: 2155542
Conc: 16.37 ug/ml



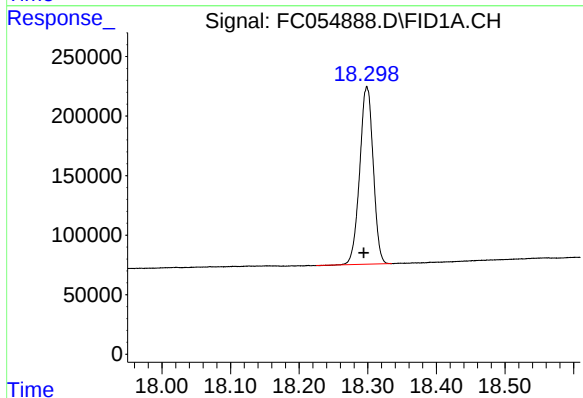
#17 n-Tricontane (C30)

R.T.: 17.467 min

Delta R.T.: 0.005 min

Response: 2089292

Conc: 14.68 ug/ml



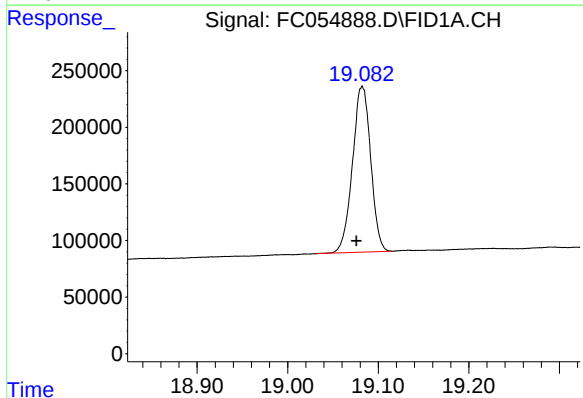
#18 n-Dotriacontane (C32)

R.T.: 18.299 min

Delta R.T.: 0.004 min

Response: 2038999

Conc: 16.48 ug/ml



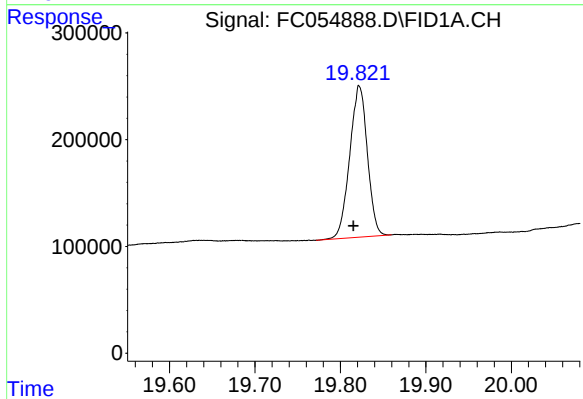
#19 n-Tetratriacontane (C34)

R.T.: 19.082 min

Delta R.T.: 0.006 min

Response: 2046925

Conc: 19.99 ug/ml



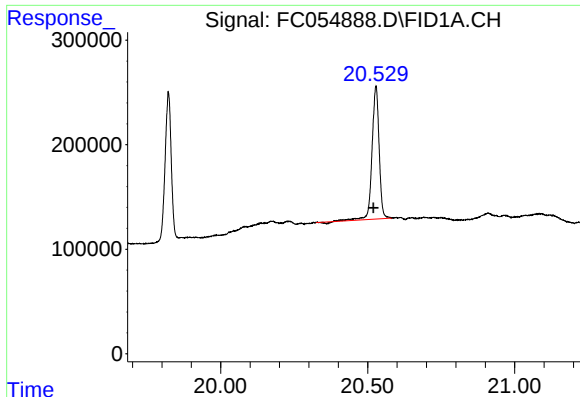
#20 n-Hexatriacontane (C36)

R.T.: 19.822 min

Delta R.T.: 0.007 min

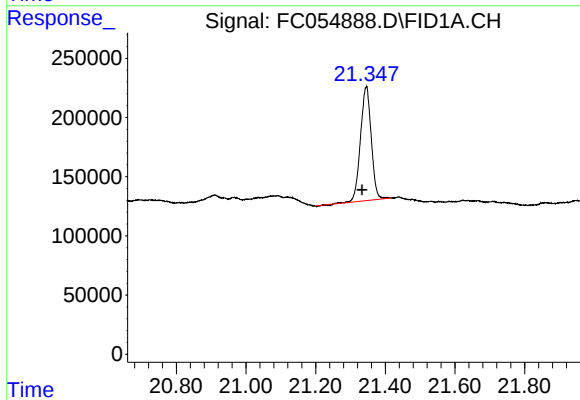
Response: 2045566

Conc: 21.60 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.528 min
Delta R.T.: 0.008 min
Response: 2124256
Conc: 22.81 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.345 min
Delta R.T.: 0.012 min
Response: 2067108
Conc: 21.30 ug/ml