

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD082021AL\
 Data File : FD038682.D
 Signal(s) : FID2B.CH
 Acq On : 20 Aug 2021 13:42
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Aug 20 15:08:16 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 080321.M
 Quant Title : GC Extractables
 QLast Update : Wed Aug 04 03:20:37 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)	11.358	2895087	21.209 ug/ml
Spiked Amount 50.000		Recovery =	42.42%
12) S 1-chlorooctadecane (S...	12.795	2281153	21.213 ug/ml
Spiked Amount 50.000		Recovery =	42.43%
Target Compounds			
1) T n-Nonane (C9)	3.187	2571627	21.905 ug/ml
2) T n-Decane (C10)	4.239	2604593	22.091 ug/ml
3) T A~Naphthalene (C11.7)	5.802	2902203	22.233 ug/ml
4) T n-Dodecane (C12)	6.241	2683861	22.602 ug/ml
5) T A~2-methylnaphthalene...	6.853	2934548	22.426 ug/ml
6) T n-Tetradecane (C14)	8.025	2750897	22.635 ug/ml
7) T n-Hexadecane (C16)	9.617	2770831	22.672 ug/ml
8) T n-Octadecane (C18)	11.052	2825034	22.438 ug/ml
10) T n-Eicosane (C20)	12.355	2788105	22.118 ug/ml
11) T n-Heneicosane (C21)	12.964	2760230	21.623 ug/ml
13) T n-Docosane (C22)	13.547	2812370	22.092 ug/ml
14) T n-Tetracosane (C24)	14.645	2885091	22.429 ug/ml
15) T n-Hexacosane (C26)	15.660	2833627	22.251 ug/ml
16) T n-Octacosane (C28)	16.605	2799636	21.943 ug/ml
17) T n-Tricontane (C30)	17.487	2811011	22.187 ug/ml
18) T n-Dotriacontane (C32)	18.315	2568066	20.900 ug/ml
19) T n-Tetratriacontane (C34)	19.095	2303637	19.301 ug/ml
20) T n-Hexatriacontane (C36)	19.830	2157396	19.357 ug/ml
21) T n-Octatriacontane (C38)	20.530	2086663	20.185 ug/ml
22) T n-Tetracontane (C40)	21.336	2127772	21.199 ug/ml

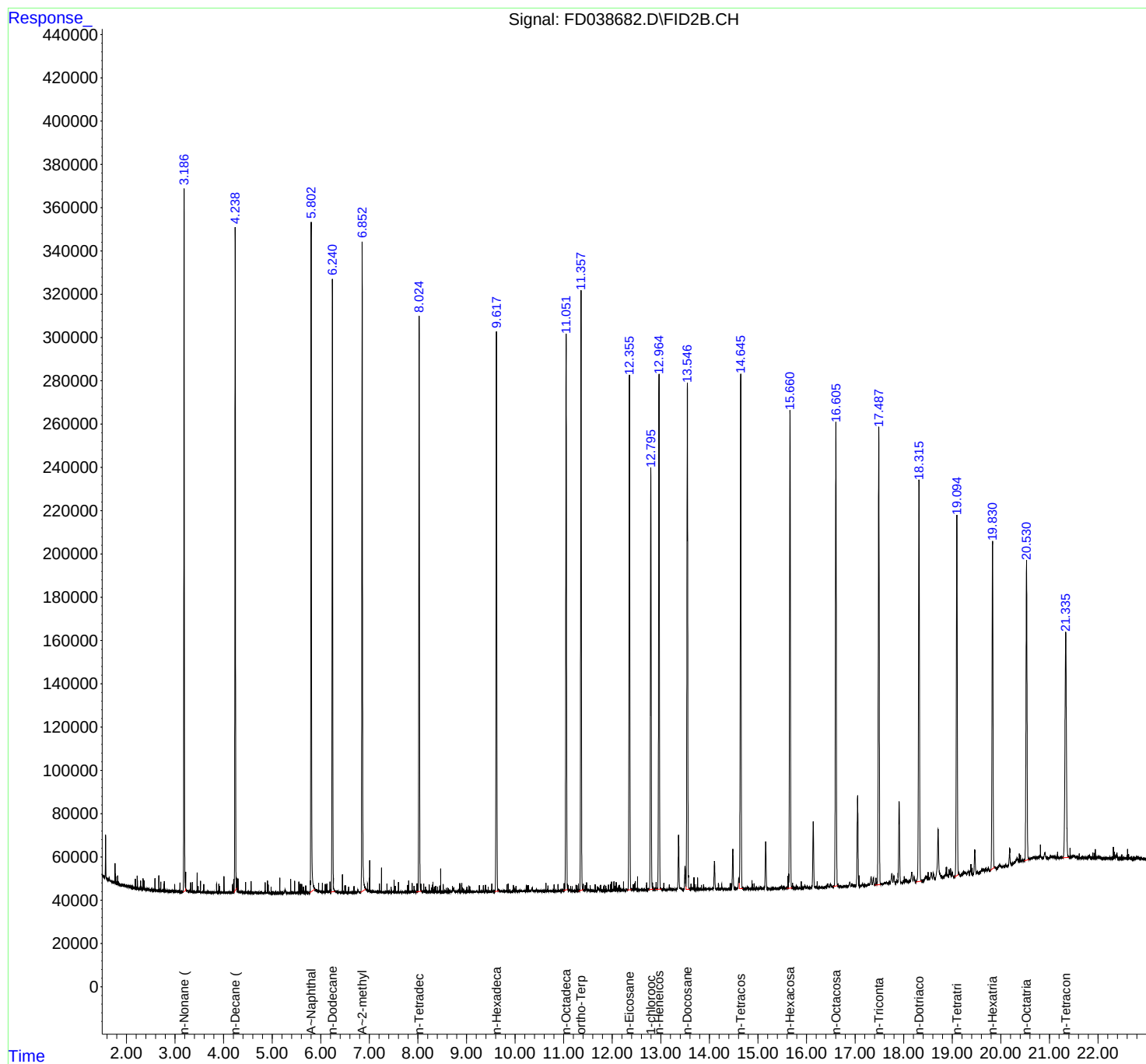
(f)=RT Delta > 1/2 Window

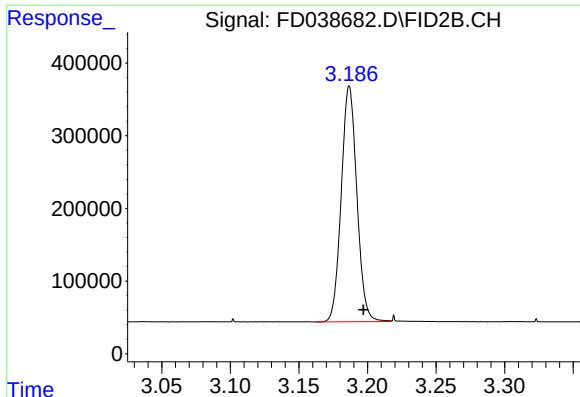
(m)=manual int.

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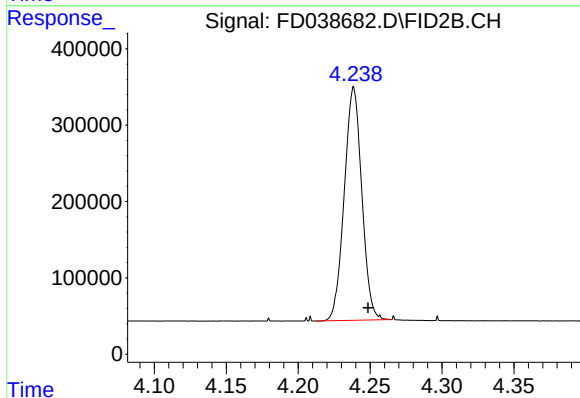
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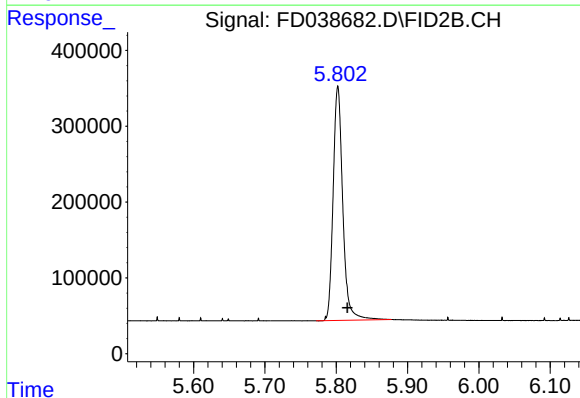
#1 n-Nonane (C9)

R.T.: 3.187 min
Delta R.T.: -0.010 min
Response: 2571627
Conc: 21.90 ug/ml



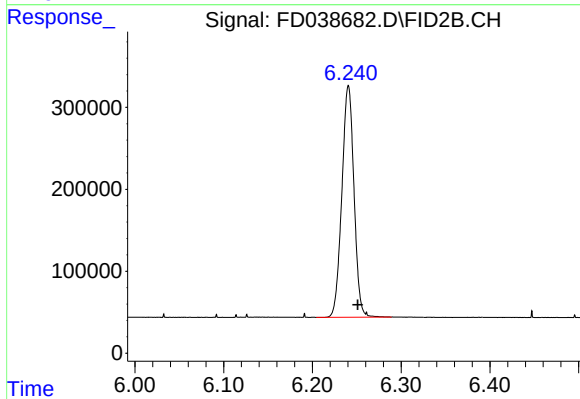
#2 n-Decane (C10)

R.T.: 4.239 min
Delta R.T.: -0.010 min
Response: 2604593
Conc: 22.09 ug/ml



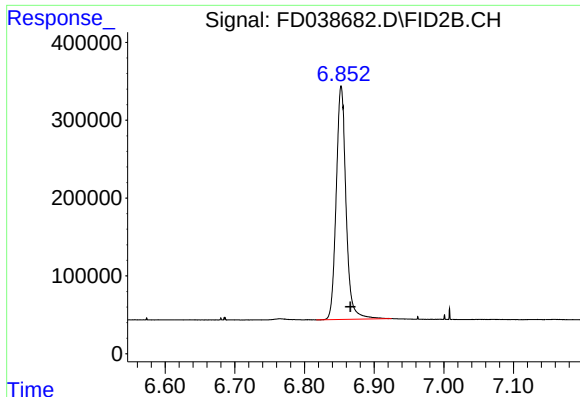
#3 A~Naphthalene (C11.7)

R.T.: 5.802 min
Delta R.T.: -0.013 min
Response: 2902203
Conc: 22.23 ug/ml



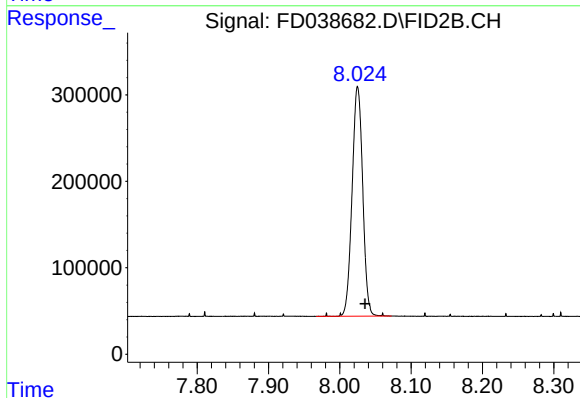
#4 n-Dodecane (C12)

R.T.: 6.241 min
Delta R.T.: -0.010 min
Response: 2683861
Conc: 22.60 ug/ml



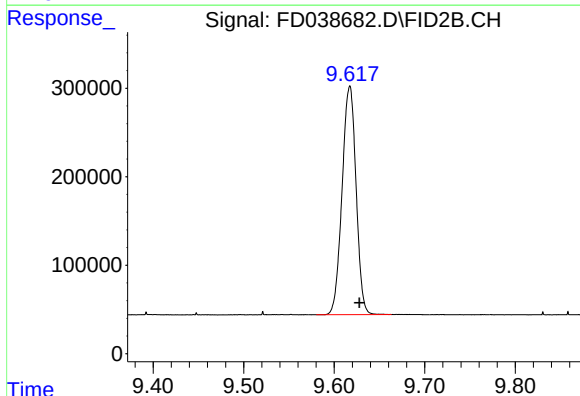
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.853 min
Delta R.T.: -0.013 min
Response: 2934548
Conc: 22.43 ug/ml



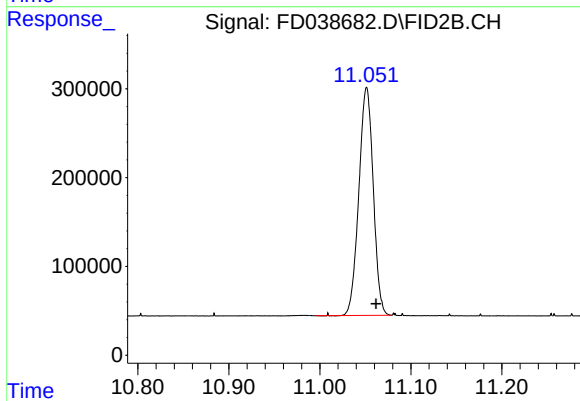
#6 n-Tetradecane (C14)

R.T.: 8.025 min
Delta R.T.: -0.011 min
Response: 2750897
Conc: 22.63 ug/ml



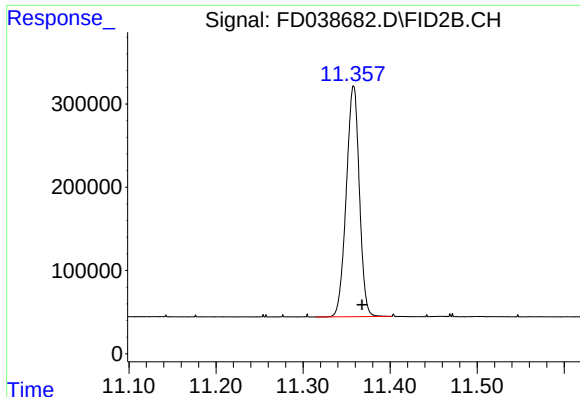
#7 n-Hexadecane (C16)

R.T.: 9.617 min
Delta R.T.: -0.010 min
Response: 2770831
Conc: 22.67 ug/ml



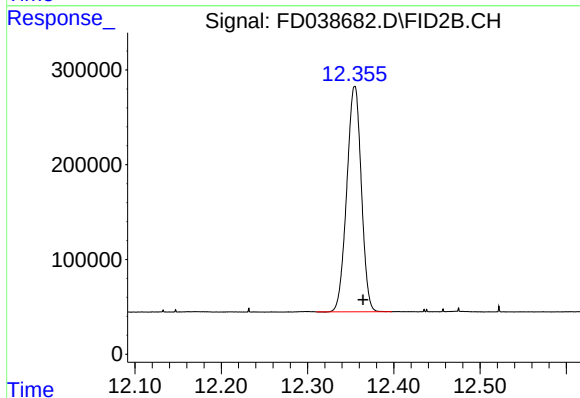
#8 n-Octadecane (C18)

R.T.: 11.052 min
Delta R.T.: -0.010 min
Response: 2825034
Conc: 22.44 ug/ml



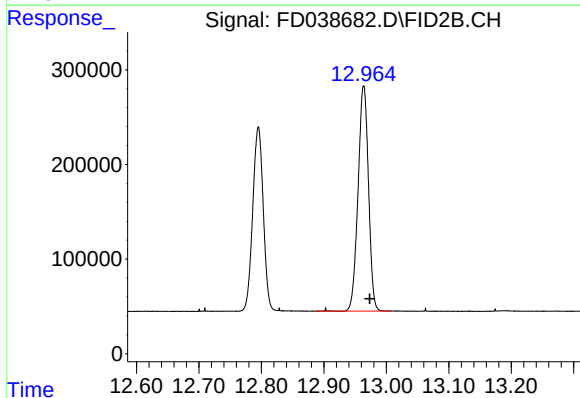
#9 ortho-Terphenyl (SURR)

R.T.: 11.358 min
Delta R.T.: -0.010 min
Response: 2895087
Conc: 21.21 ug/ml



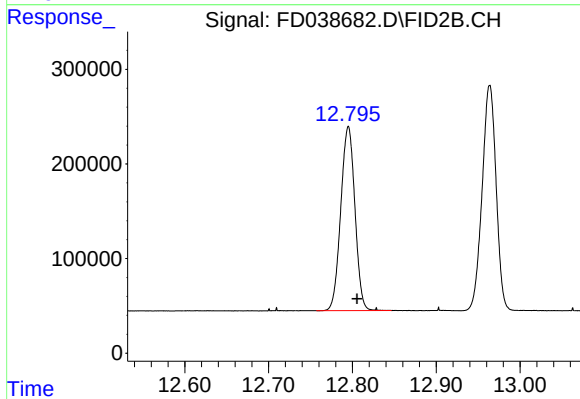
#10 n-Eicosane (C20)

R.T.: 12.355 min
Delta R.T.: -0.009 min
Response: 2788105
Conc: 22.12 ug/ml



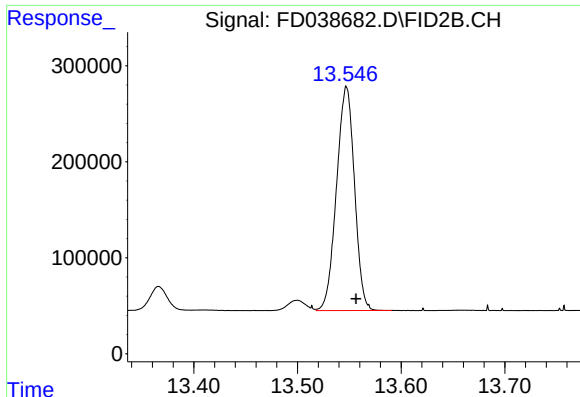
#11 n-Heneicosane (C21)

R.T.: 12.964 min
Delta R.T.: -0.010 min
Response: 2760230
Conc: 21.62 ug/ml



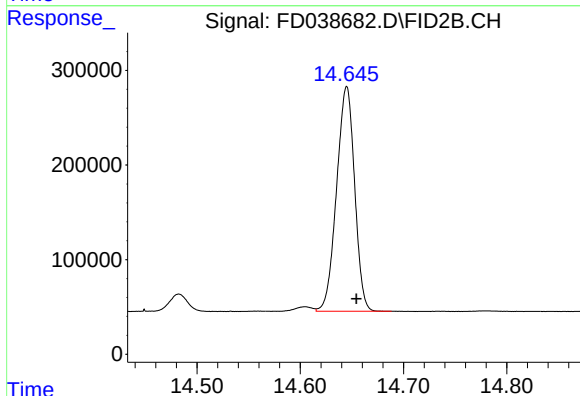
#12 1-chlorooctadecane (SURR)

R.T.: 12.795 min
Delta R.T.: -0.010 min
Response: 2281153
Conc: 21.21 ug/ml



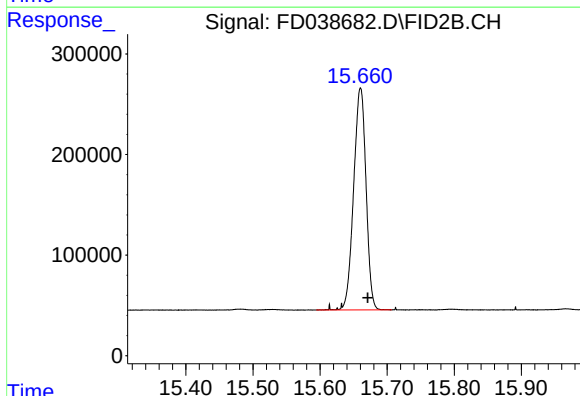
#13 n-Docosane (C22)

R.T.: 13.547 min
Delta R.T.: -0.009 min
Response: 2812370
Conc: 22.09 ug/ml



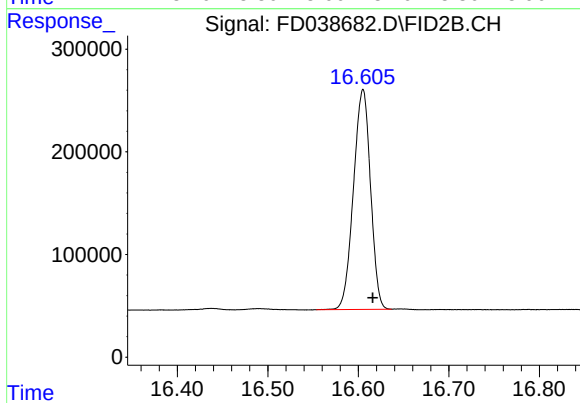
#14 n-Tetracosane (C24)

R.T.: 14.645 min
Delta R.T.: -0.009 min
Response: 2885091
Conc: 22.43 ug/ml



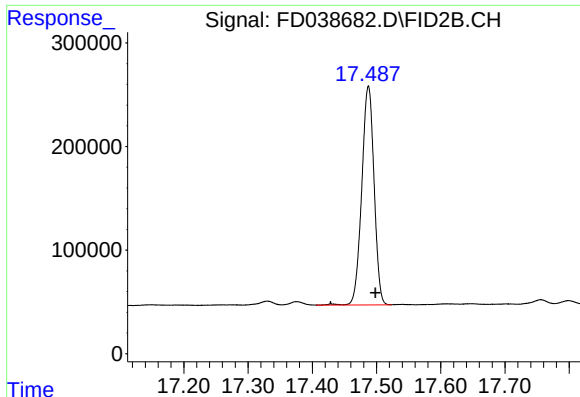
#15 n-Hexacosane (C26)

R.T.: 15.660 min
Delta R.T.: -0.011 min
Response: 2833627
Conc: 22.25 ug/ml



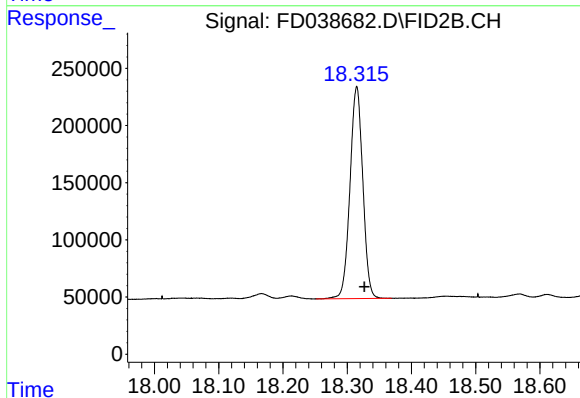
#16 n-Octacosane (C28)

R.T.: 16.605 min
Delta R.T.: -0.011 min
Response: 2799636
Conc: 21.94 ug/ml



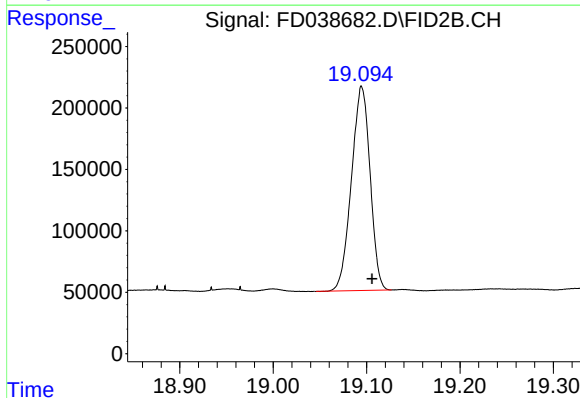
#17 n-Tricontane (C30)

R.T.: 17.487 min
Delta R.T.: -0.011 min
Response: 2811011
Conc: 22.19 ug/ml



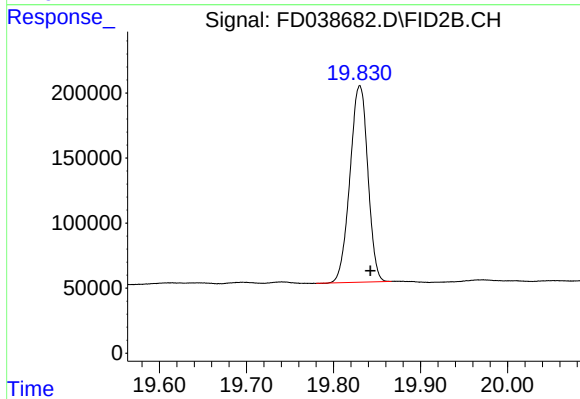
#18 n-Dotriacontane (C32)

R.T.: 18.315 min
Delta R.T.: -0.012 min
Response: 2568066
Conc: 20.90 ug/ml



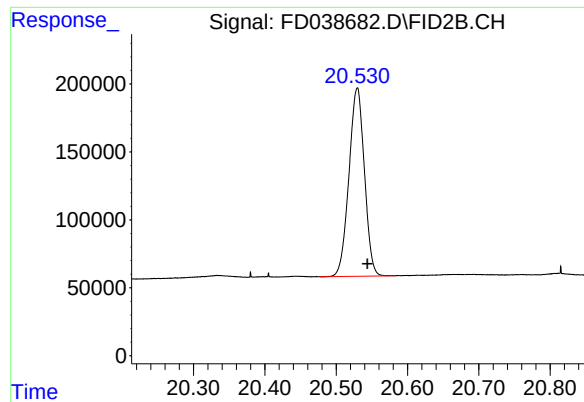
#19 n-Tetratriacontane (C34)

R.T.: 19.095 min
Delta R.T.: -0.011 min
Response: 2303637
Conc: 19.30 ug/ml



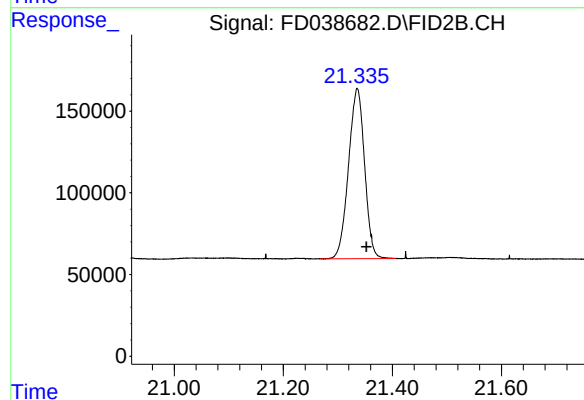
#20 n-Hexatriacontane (C36)

R.T.: 19.830 min
Delta R.T.: -0.012 min
Response: 2157396
Conc: 19.36 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.530 min
Delta R.T.: -0.014 min
Response: 2086663
Conc: 20.18 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.336 min
Delta R.T.: -0.016 min
Response: 2127772
Conc: 21.20 ug/ml