

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD042522AL\
 Data File : FD042081.D
 Signal(s) : FID2B.CH
 Acq On : 25 Apr 2022 23:11
 Operator : UA/NP
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Apr 26 02:43:16 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 042122.M
 Quant Title : GC Extractables
 QLast Update : Fri Apr 22 01:55:29 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)	11.206	3458947	20.625 ug/ml
Spiked Amount 50.000		Recovery =	41.25%
12) S 1-chlorooctadecane (S...	12.645	2692606	20.405 ug/ml
Spiked Amount 50.000		Recovery =	40.81%
Target Compounds			
1) T n-Nonane (C9)	3.079	2917871	21.407 ug/ml
2) T n-Decane (C10)	4.123	2926957	21.841 ug/ml
3) T A~Naphthalene (C11.7)	5.672	3116227	21.498 ug/ml
4) T n-Dodecane (C12)	6.117	3035034	21.319 ug/ml
5) T A~2-methylnaphthalene...	6.718	3162635	22.695 ug/ml
6) T n-Tetradecane (C14)	7.893	3062269	21.498 ug/ml
7) T n-Hexadecane (C16)	9.479	3092375	21.280 ug/ml
8) T n-Octadecane (C18)	10.909	3136547	20.928 ug/ml
10) T n-Eicosane (C20)	12.208	3122669	20.401 ug/ml
11) T n-Heneicosane (C21)	12.816	3128208	20.291 ug/ml
13) T n-Docosane (C22)	13.397	3163596	20.524 ug/ml
14) T n-Tetracosane (C24)	14.493	3199757	20.690 ug/ml
15) T n-Hexacosane (C26)	15.507	3147578	20.463 ug/ml
16) T n-Octacosane (C28)	16.451	3129121	20.466 ug/ml
17) T n-Tricontane (C30)	17.333	3035127	20.235 ug/ml
18) T n-Dotriacontane (C32)	18.160	2797460	19.784 ug/ml
19) T n-Tetratriacontane (C34)	18.939	2506138	19.474 ug/ml
20) T n-Hexatriacontane (C36)	19.674	2245684	19.845 ug/ml
21) T n-Octatriacontane (C38)	20.369	2096322	21.010 ug/ml
22) T n-Tetracontane (C40)	21.141	2046366	22.687 ug/ml

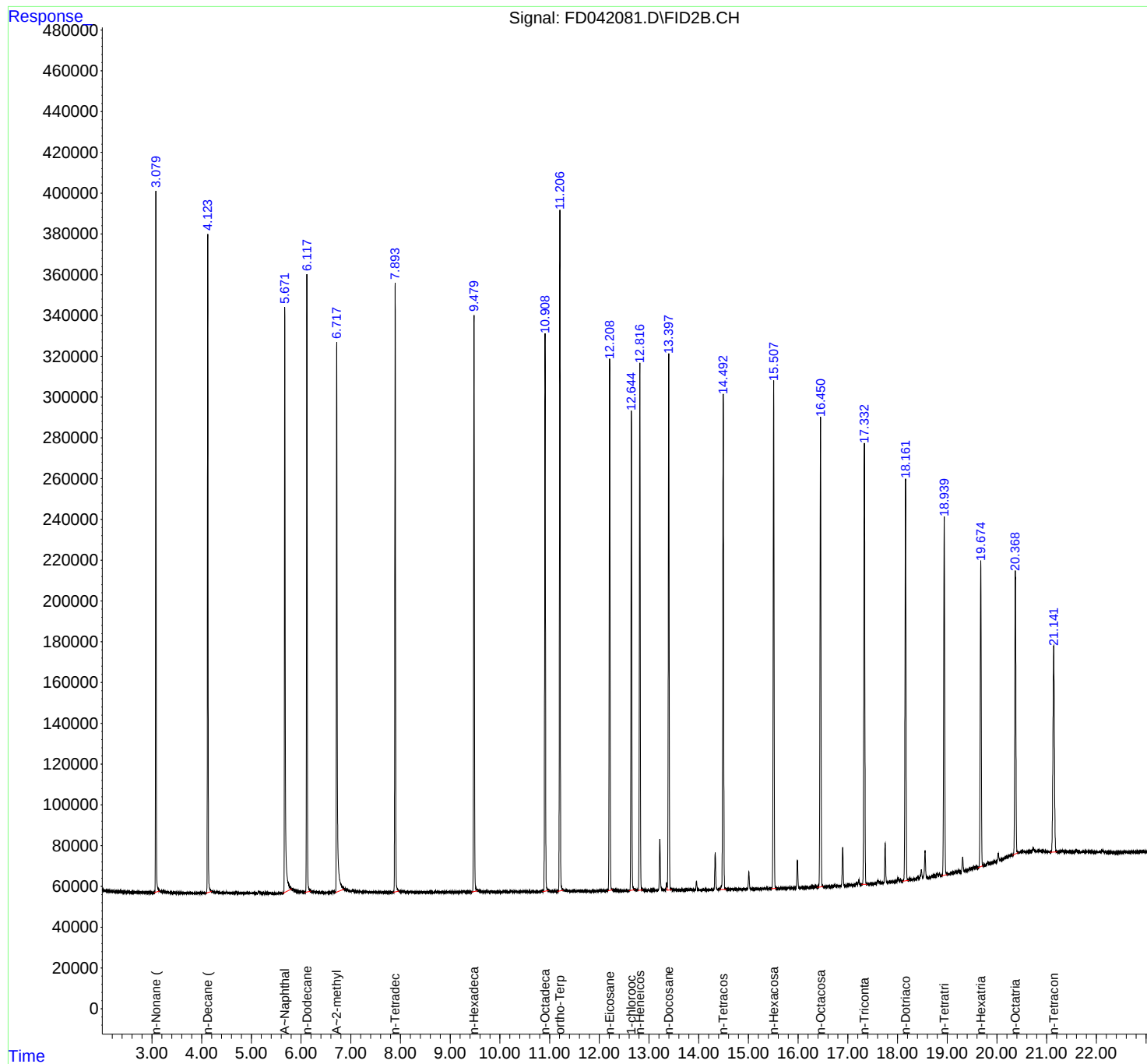
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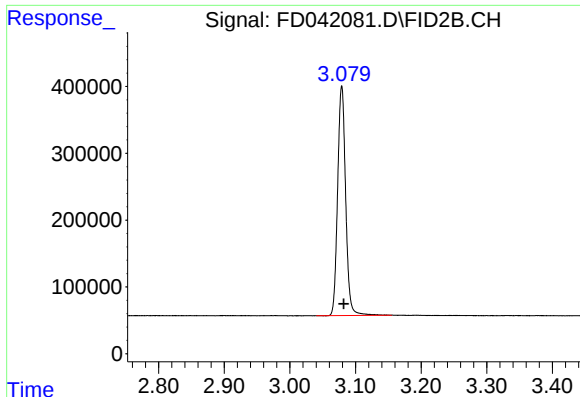
(m)=manual int.

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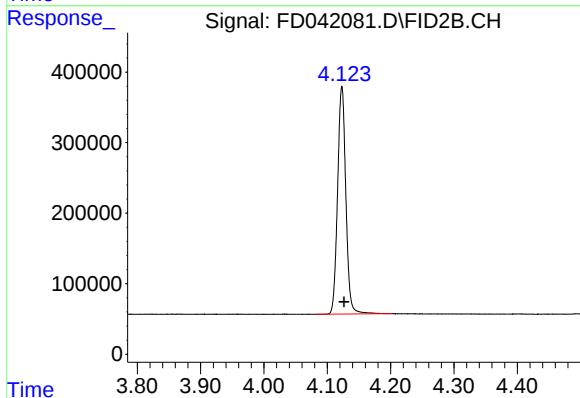
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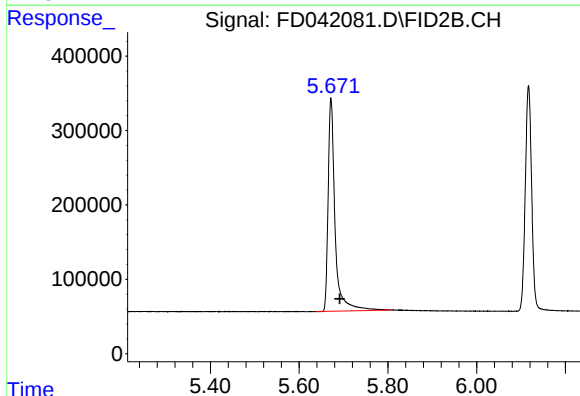
#1 n-Nonane (C9)

R.T.: 3.079 min
Delta R.T.: -0.003 min
Response: 2917871
Conc: 21.41 ug/ml



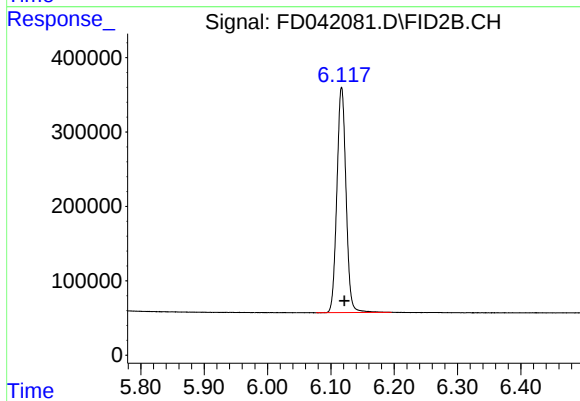
#2 n-Decane (C10)

R.T.: 4.123 min
Delta R.T.: -0.003 min
Response: 2926957
Conc: 21.84 ug/ml



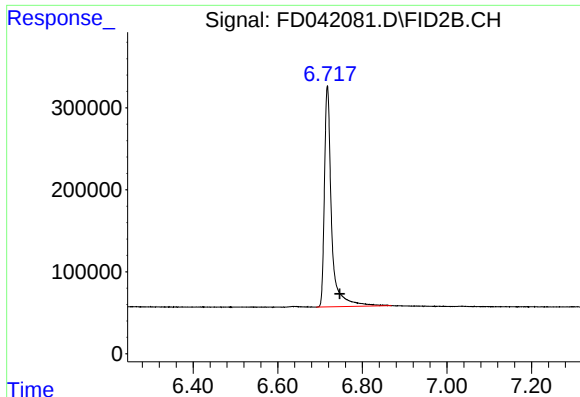
#3 A~Naphthalene (C11.7)

R.T.: 5.672 min
Delta R.T.: -0.019 min
Response: 3116227
Conc: 21.50 ug/ml



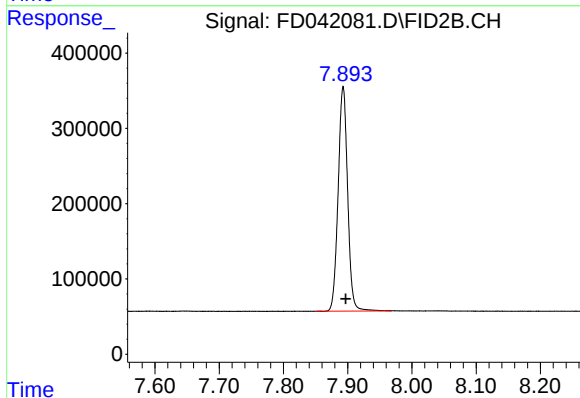
#4 n-Dodecane (C12)

R.T.: 6.117 min
Delta R.T.: -0.004 min
Response: 3035034
Conc: 21.32 ug/ml



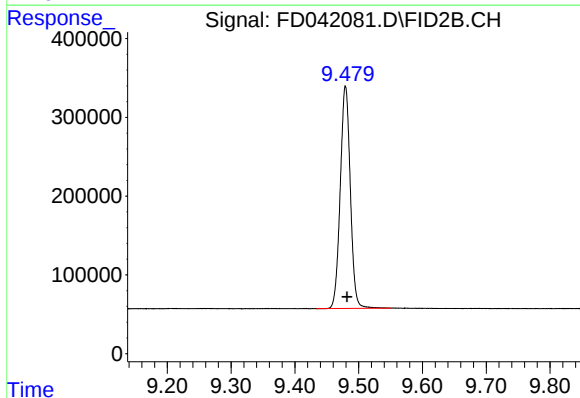
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.718 min
Delta R.T.: -0.029 min
Response: 3162635
Conc: 22.70 ug/ml



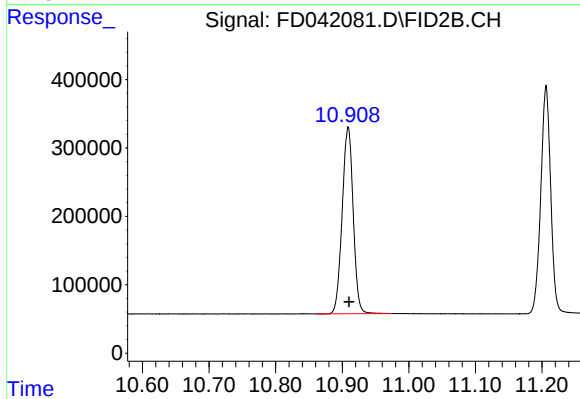
#6 n-Tetradecane (C14)

R.T.: 7.893 min
Delta R.T.: -0.004 min
Response: 3062269
Conc: 21.50 ug/ml



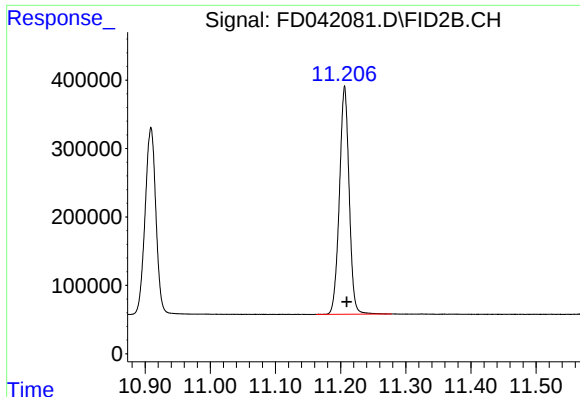
#7 n-Hexadecane (C16)

R.T.: 9.479 min
Delta R.T.: -0.003 min
Response: 3092375
Conc: 21.28 ug/ml



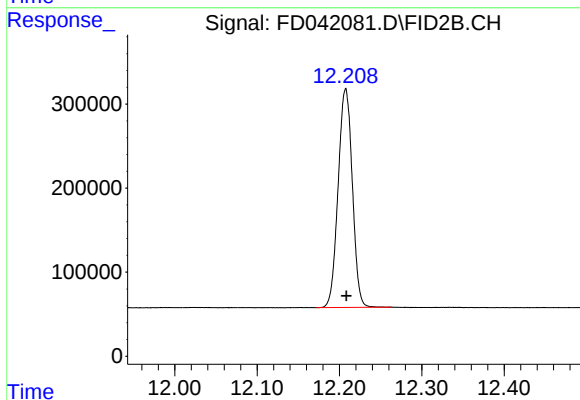
#8 n-Octadecane (C18)

R.T.: 10.909 min
Delta R.T.: -0.001 min
Response: 3136547
Conc: 20.93 ug/ml



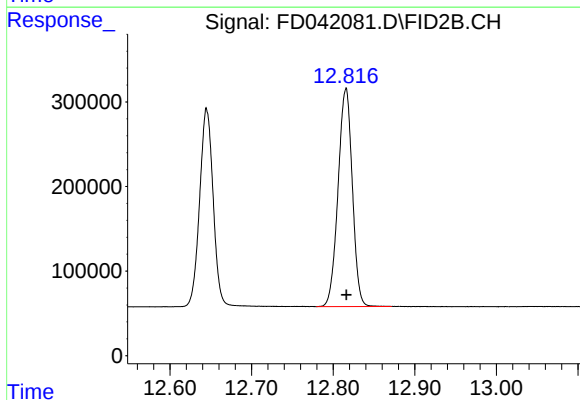
#9 ortho-Terphenyl (SURR)

R.T.: 11.206 min
Delta R.T.: -0.003 min
Response: 3458947
Conc: 20.62 ug/ml



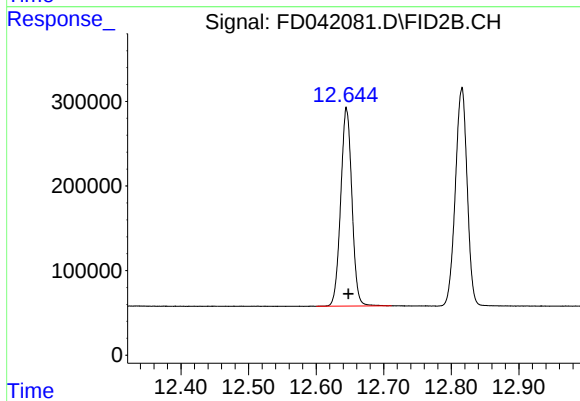
#10 n-Eicosane (C20)

R.T.: 12.208 min
Delta R.T.: -0.001 min
Response: 3122669
Conc: 20.40 ug/ml



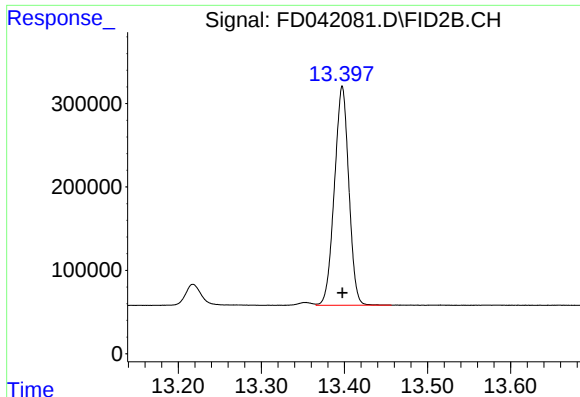
#11 n-Heneicosane (C21)

R.T.: 12.816 min
Delta R.T.: 0.000 min
Response: 3128208
Conc: 20.29 ug/ml



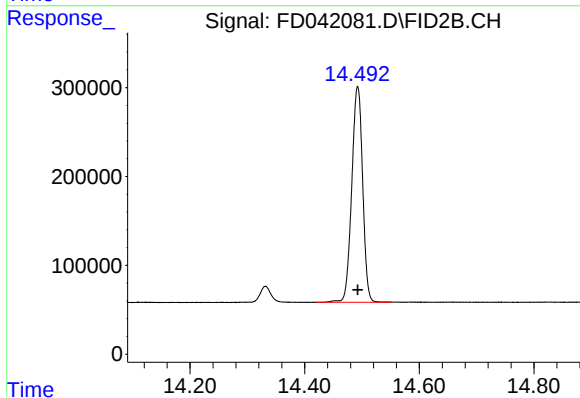
#12 1-chlorooctadecane (SURR)

R.T.: 12.645 min
Delta R.T.: -0.003 min
Response: 2692606
Conc: 20.40 ug/ml



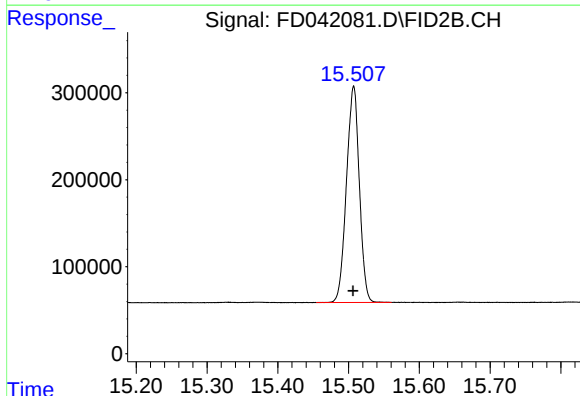
#13 n-Docosane (C22)

R.T.: 13.397 min
Delta R.T.: 0.000 min
Response: 3163596
Conc: 20.52 ug/ml



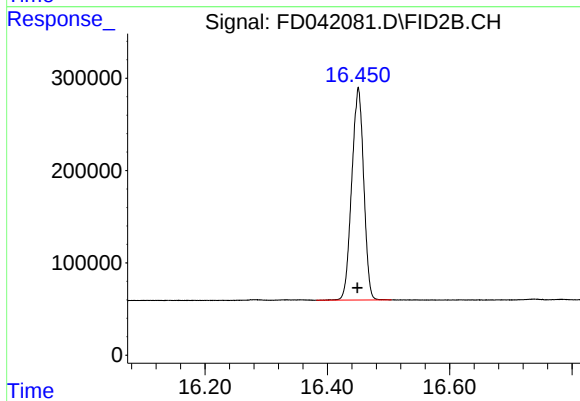
#14 n-Tetracosane (C24)

R.T.: 14.493 min
Delta R.T.: 0.000 min
Response: 3199757
Conc: 20.69 ug/ml



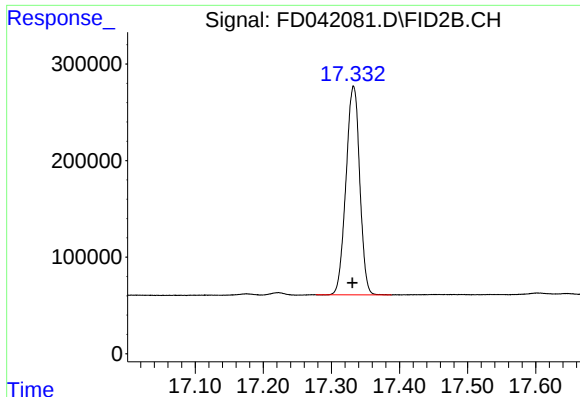
#15 n-Hexacosane (C26)

R.T.: 15.507 min
Delta R.T.: 0.000 min
Response: 3147578
Conc: 20.46 ug/ml



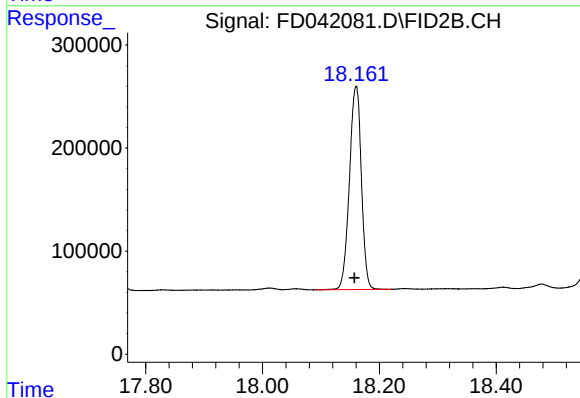
#16 n-Octacosane (C28)

R.T.: 16.451 min
Delta R.T.: 0.002 min
Response: 3129121
Conc: 20.47 ug/ml



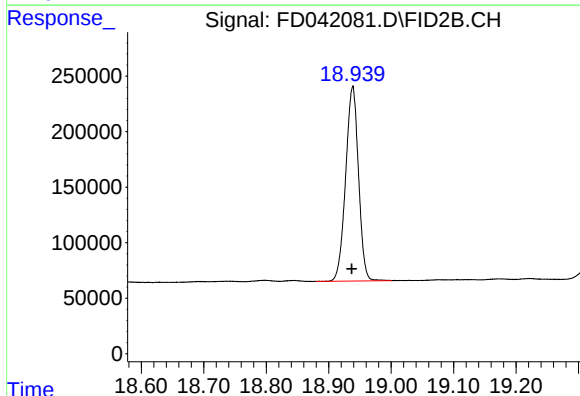
#17 n-Tricontane (C30)

R.T.: 17.333 min
Delta R.T.: 0.002 min
Response: 3035127
Conc: 20.23 ug/ml



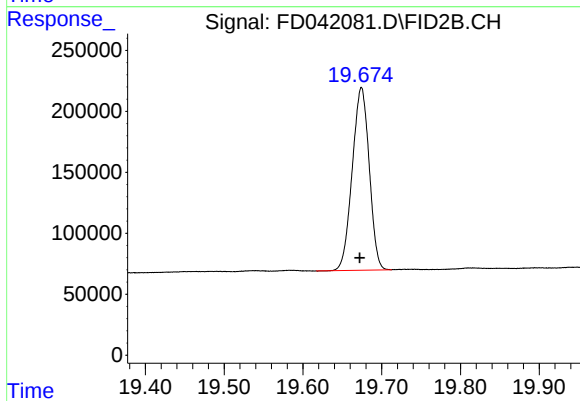
#18 n-Dotriacontane (C32)

R.T.: 18.160 min
Delta R.T.: 0.003 min
Response: 2797460
Conc: 19.78 ug/ml



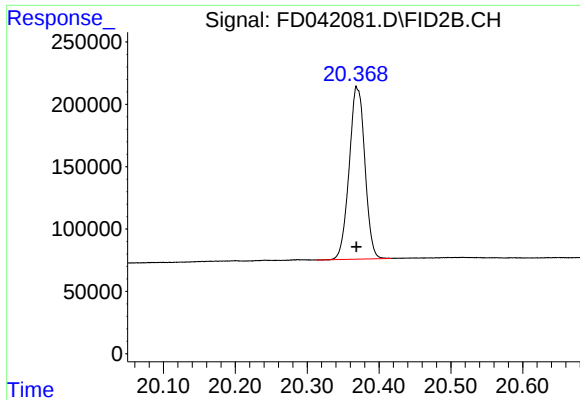
#19 n-Tetratriacontane (C34)

R.T.: 18.939 min
Delta R.T.: 0.002 min
Response: 2506138
Conc: 19.47 ug/ml



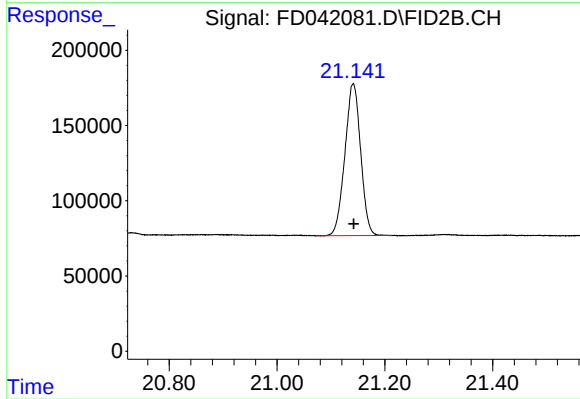
#20 n-Hexatriacontane (C36)

R.T.: 19.674 min
Delta R.T.: 0.002 min
Response: 2245684
Conc: 19.85 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.369 min
Delta R.T.: 0.000 min
Response: 2096322
Conc: 21.01 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.141 min
Delta R.T.: -0.001 min
Response: 2046366
Conc: 22.69 ug/ml