

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD111319AL\
 Data File : FD031481.D
 Signal(s) : FID2B.CH
 Acq On : 13 Nov 2019 14:20
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Nov 14 02:12:46 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 110519.M
 Quant Title : GC Extractables
 QLast Update : Wed Nov 06 06:45:13 2019
 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)	11.544	3010040	19.782 ug/ml
Spiked Amount 50.000		Recovery =	39.56%
12) S 1-chlorooctadecane (S...	12.974	2231194	19.635 ug/ml
Spiked Amount 50.000		Recovery =	39.27%
Target Compounds			
1) T n-Nonane (C9)	3.336	2793863	21.061 ug/ml
2) T n-Decane (C10)	4.401	2824999	21.181 ug/ml
3) T A~Naphthalene (C11.7)	5.980	3165969	21.138 ug/ml
4) T n-Dodecane (C12)	6.412	2841129	21.097 ug/ml
5) T A~2-methylnaphthalene...	7.032	3185266	21.016 ug/ml
6) T n-Tetradecane (C14)	8.200	2805108	20.818 ug/ml
7) T n-Hexadecane (C16)	9.793	2761916	20.599 ug/ml
8) T n-Octadecane (C18)	11.229	2700551	20.247 ug/ml
10) T n-Eicosane (C20)	12.532	2628924	19.930 ug/ml
11) T n-Heneicosane (C21)	13.141	2613641	19.752 ug/ml
13) T n-Docosane (C22)	13.725	2578907	19.640 ug/ml
14) T n-Tetracosane (C24)	14.822	2557108	19.541 ug/ml
15) T n-Hexacosane (C26)	15.838	2482617	19.217 ug/ml
16) T n-Octacosane (C28)	16.782	2430318	18.992 ug/ml
17) T n-Tricontane (C30)	17.665	2438463	19.117 ug/ml
18) T n-Dotriacontane (C32)	18.493	2364686	19.168 ug/ml
19) T n-Tetratriacontane (C34)	19.270	2324893	19.436 ug/mlm
20) T n-Hexatriacontane (C36)	20.007	2281637	19.991 ug/ml
21) T n-Octatriacontane (C38)	20.725	2151021	20.480 ug/ml
22) T n-Tetracontane (C40)	21.595	2220171	20.675 ug/ml

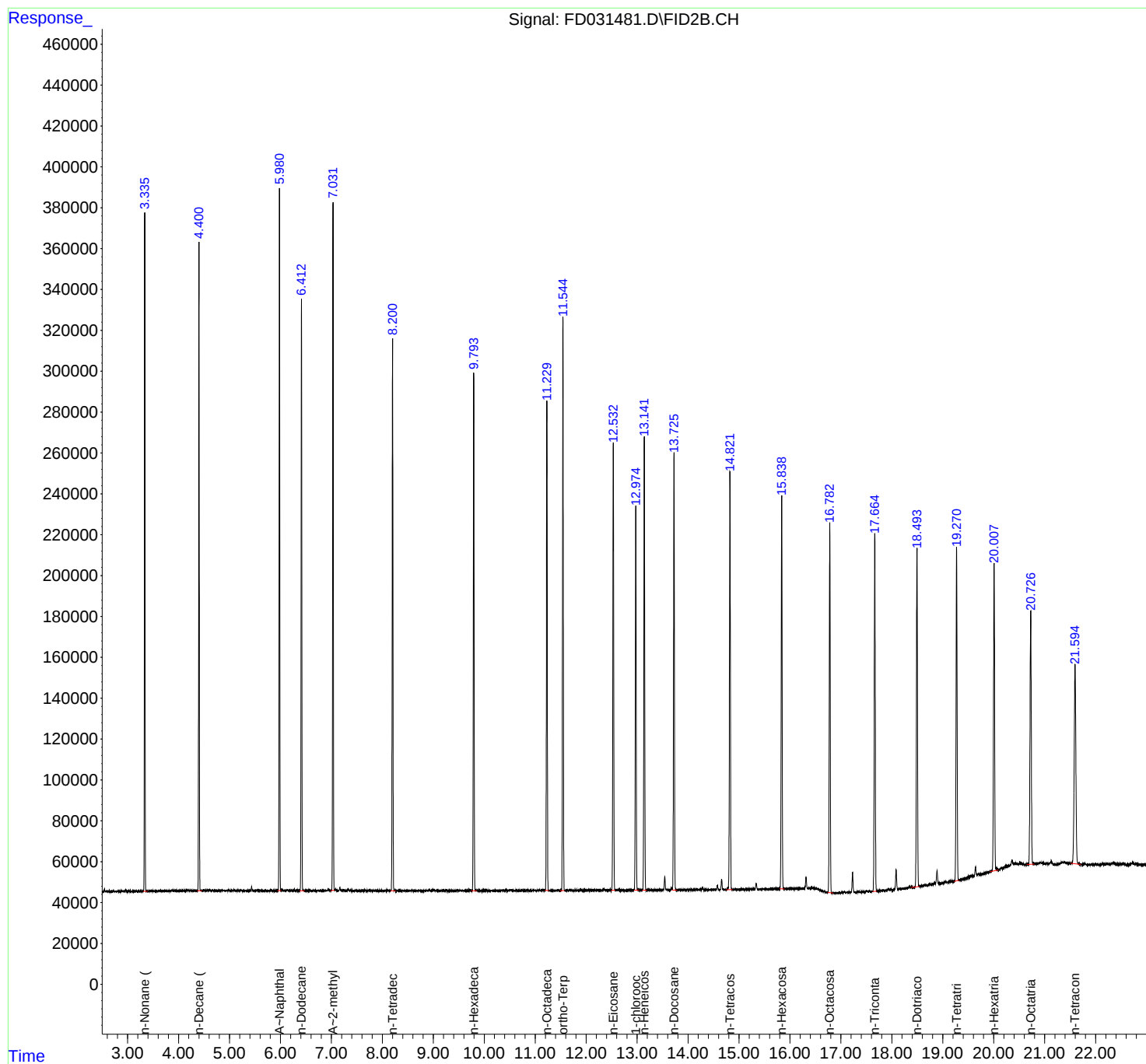
(f)=RT Delta > 1/2 Window

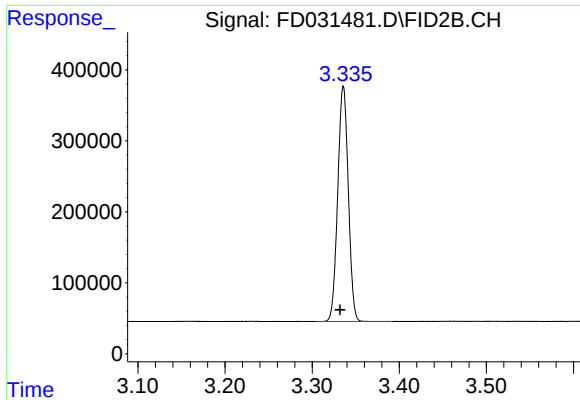
(m)=manual int.

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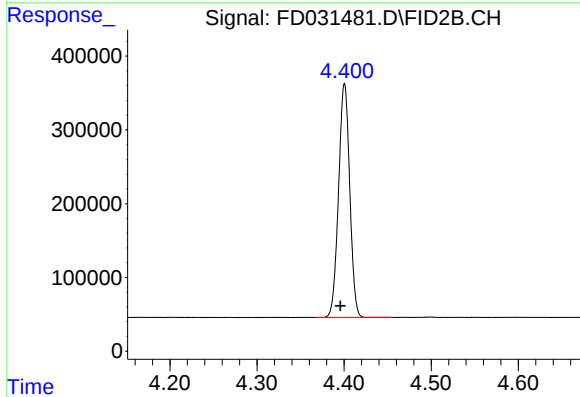
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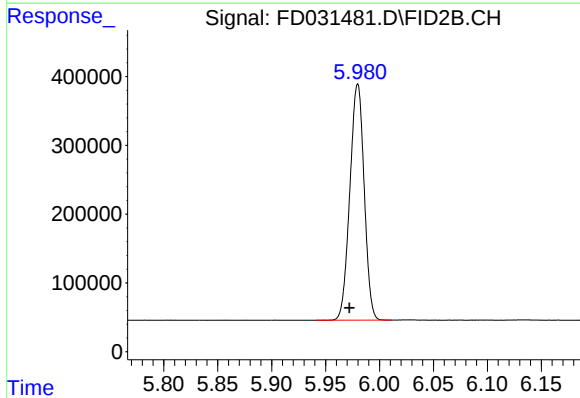
#1 n-Nonane (C9)

R.T.: 3.336 min
Delta R.T.: 0.004 min
Response: 2793863
Conc: 21.06 ug/ml



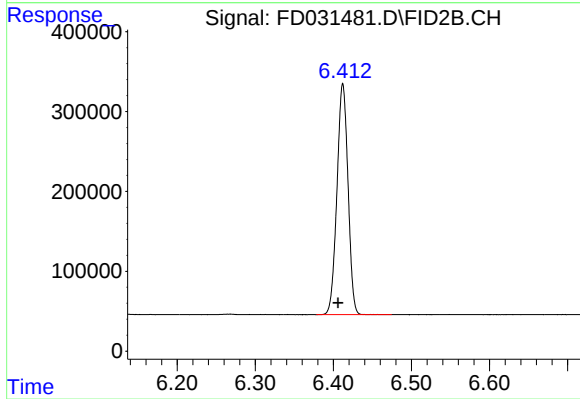
#2 n-Decane (C10)

R.T.: 4.401 min
Delta R.T.: 0.005 min
Response: 2824999
Conc: 21.18 ug/ml



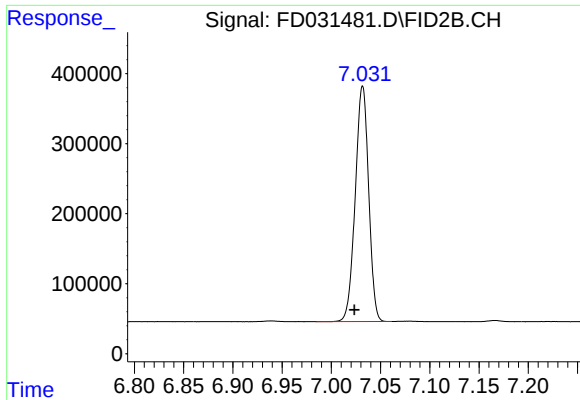
#3 A~Naphthalene (C11.7)

R.T.: 5.980 min
Delta R.T.: 0.007 min
Response: 3165969
Conc: 21.14 ug/ml



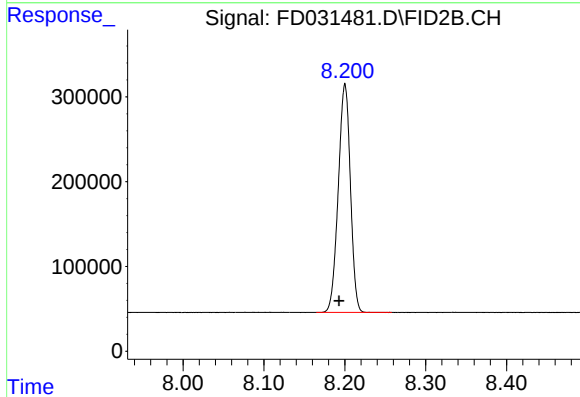
#4 n-Dodecane (C12)

R.T.: 6.412 min
Delta R.T.: 0.006 min
Response: 2841129
Conc: 21.10 ug/ml



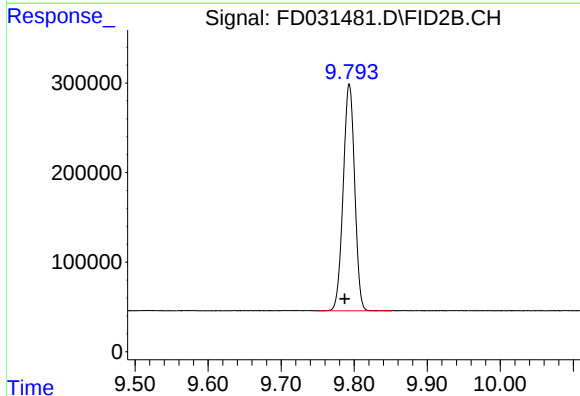
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.032 min
Delta R.T.: 0.008 min
Response: 3185266
Conc: 21.02 ug/ml



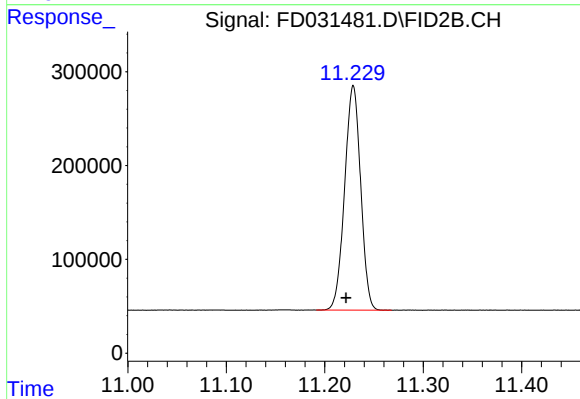
#6 n-Tetradecane (C14)

R.T.: 8.200 min
Delta R.T.: 0.007 min
Response: 2805108
Conc: 20.82 ug/ml



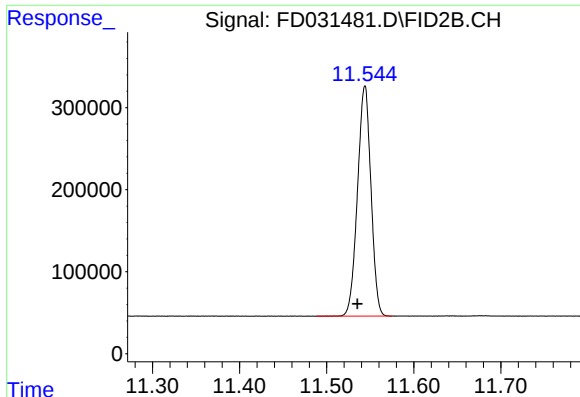
#7 n-Hexadecane (C16)

R.T.: 9.793 min
Delta R.T.: 0.006 min
Response: 2761916
Conc: 20.60 ug/ml



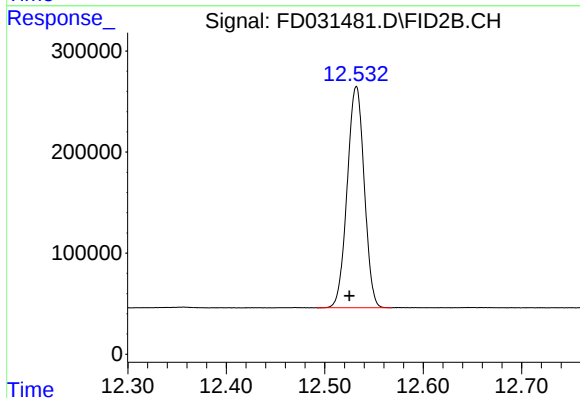
#8 n-Octadecane (C18)

R.T.: 11.229 min
Delta R.T.: 0.007 min
Response: 2700551
Conc: 20.25 ug/ml



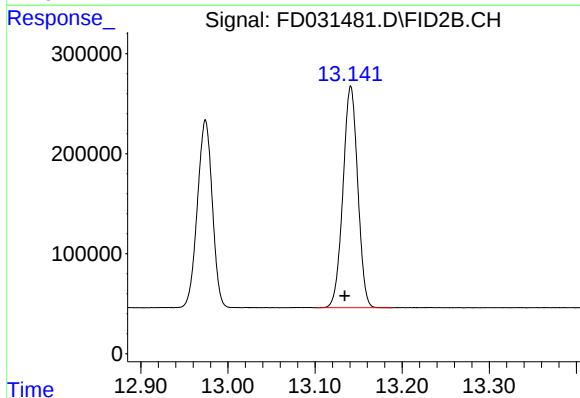
#9 ortho-Terphenyl (SURR)

R.T.: 11.544 min
Delta R.T.: 0.009 min
Response: 3010040
Conc: 19.78 ug/ml



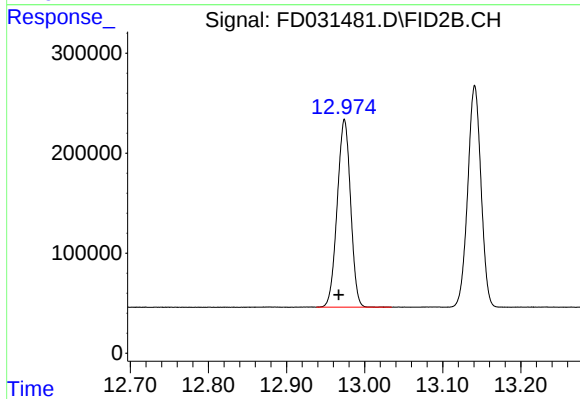
#10 n-Eicosane (C20)

R.T.: 12.532 min
Delta R.T.: 0.007 min
Response: 2628924
Conc: 19.93 ug/ml



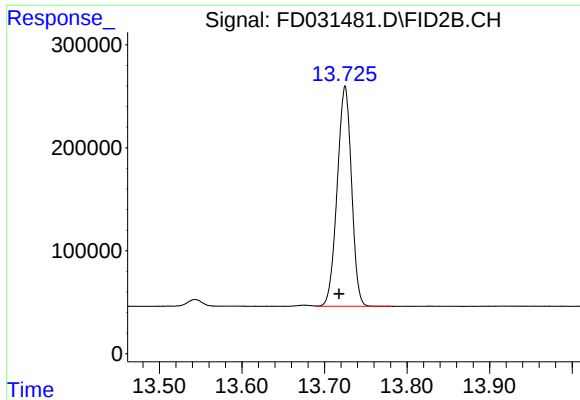
#11 n-Heneicosane (C21)

R.T.: 13.141 min
Delta R.T.: 0.007 min
Response: 2613641
Conc: 19.75 ug/ml



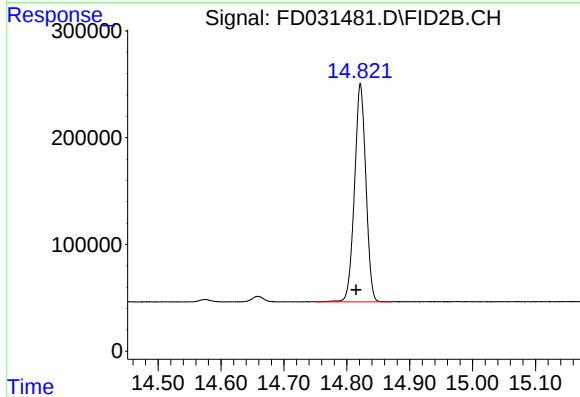
#12 1-chlorooctadecane (SURR)

R.T.: 12.974 min
Delta R.T.: 0.007 min
Response: 2231194
Conc: 19.63 ug/ml



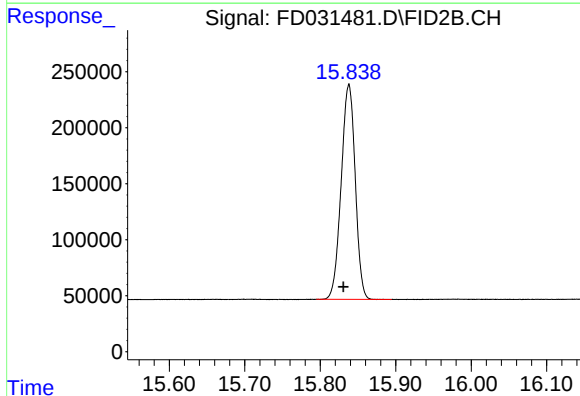
#13 n-Docosane (C22)

R.T.: 13.725 min
Delta R.T.: 0.007 min
Response: 2578907
Conc: 19.64 ug/ml



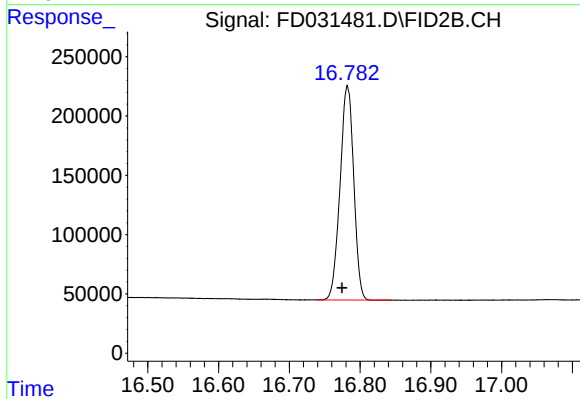
#14 n-Tetracosane (C24)

R.T.: 14.822 min
Delta R.T.: 0.007 min
Response: 2557108
Conc: 19.54 ug/ml



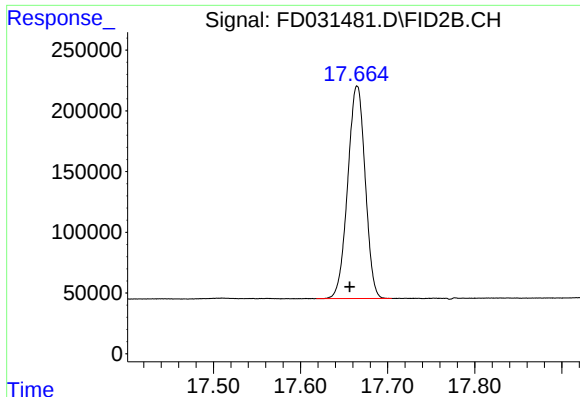
#15 n-Hexacosane (C26)

R.T.: 15.838 min
Delta R.T.: 0.007 min
Response: 2482617
Conc: 19.22 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.782 min
Delta R.T.: 0.008 min
Response: 2430318
Conc: 18.99 ug/ml



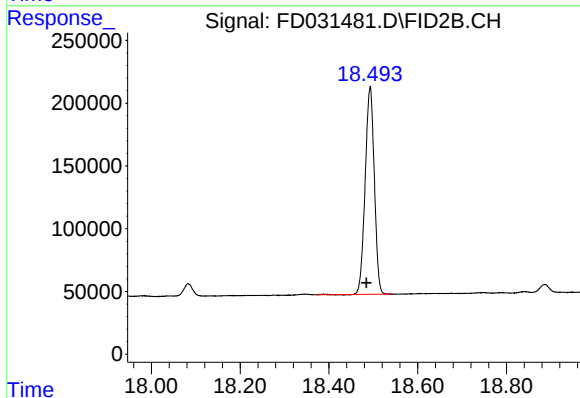
#17 n-Tricontane (C30)

R.T.: 17.665 min

Delta R.T.: 0.008 min

Response: 2438463

Conc: 19.12 ug/ml



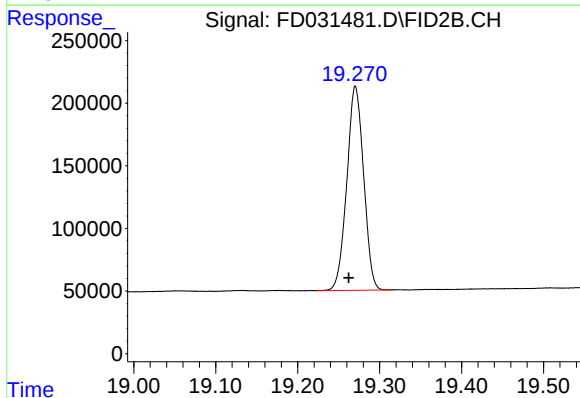
#18 n-Dotriacontane (C32)

R.T.: 18.493 min

Delta R.T.: 0.008 min

Response: 2364686

Conc: 19.17 ug/ml



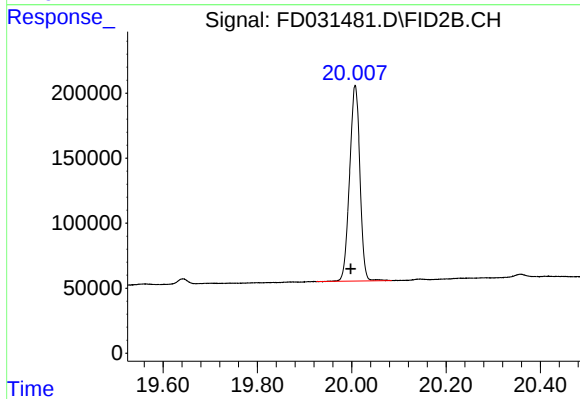
#19 n-Tetratriacontane (C34)

R.T.: 19.270 min

Delta R.T.: 0.007 min

Response: 2324893

Conc: 19.44 ug/ml m



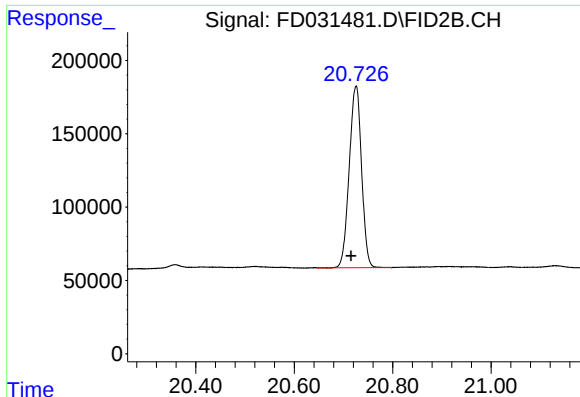
#20 n-Hexatriacontane (C36)

R.T.: 20.007 min

Delta R.T.: 0.009 min

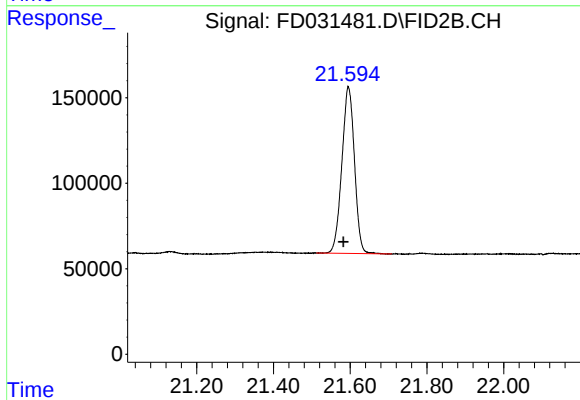
Response: 2281637

Conc: 19.99 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.725 min
Delta R.T.: 0.010 min
Response: 2151021
Conc: 20.48 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.595 min
Delta R.T.: 0.013 min
Response: 2220171
Conc: 20.67 ug/ml