

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD042822AL\
 Data File : FD042185.D
 Signal(s) : FID2B.CH
 Acq On : 28 Apr 2022 22:48
 Operator : UA/NP
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Apr 29 03:21:20 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)	11.204	3378915	20.148 ug/ml
Spiked Amount 50.000		Recovery =	40.30%
12) S 1-chlorooctadecane (S...	12.643	2621772	19.868 ug/ml
Spiked Amount 50.000		Recovery =	39.74%
Target Compounds			
1) T n-Nonane (C9)	3.076	2915804	21.392 ug/ml
2) T n-Decane (C10)	4.120	2928419	21.852 ug/ml
3) T A~Naphthalene (C11.7)	5.670	3080550	21.252 ug/ml
4) T n-Dodecane (C12)	6.115	3027880	21.268 ug/ml
5) T A~2-methylnaphthalene...	6.716	3090856	22.180 ug/ml
6) T n-Tetradecane (C14)	7.891	3031301	21.280 ug/ml
7) T n-Hexadecane (C16)	9.477	3053752	21.014 ug/ml
8) T n-Octadecane (C18)	10.906	3085468	20.587 ug/ml
10) T n-Eicosane (C20)	12.206	3071702	20.068 ug/ml
11) T n-Heneicosane (C21)	12.813	3045347	19.754 ug/ml
13) T n-Docosane (C22)	13.395	3148858	20.428 ug/ml
14) T n-Tetracosane (C24)	14.490	3256485	21.057 ug/ml
15) T n-Hexacosane (C26)	15.506	3281404	21.333 ug/ml
16) T n-Octacosane (C28)	16.450	3353844	21.936 ug/ml
17) T n-Tricontane (C30)	17.331	3308388	22.056 ug/ml
18) T n-Dotriacontane (C32)	18.158	3066346	21.686 ug/ml
19) T n-Tetratriacontane (C34)	18.937	2691831	20.917 ug/ml
20) T n-Hexatriacontane (C36)	19.672	2347742	20.747 ug/ml
21) T n-Octatriacontane (C38)	20.369	2170005	21.749 ug/ml
22) T n-Tetracontane (C40)	21.138	2096159	23.239 ug/ml

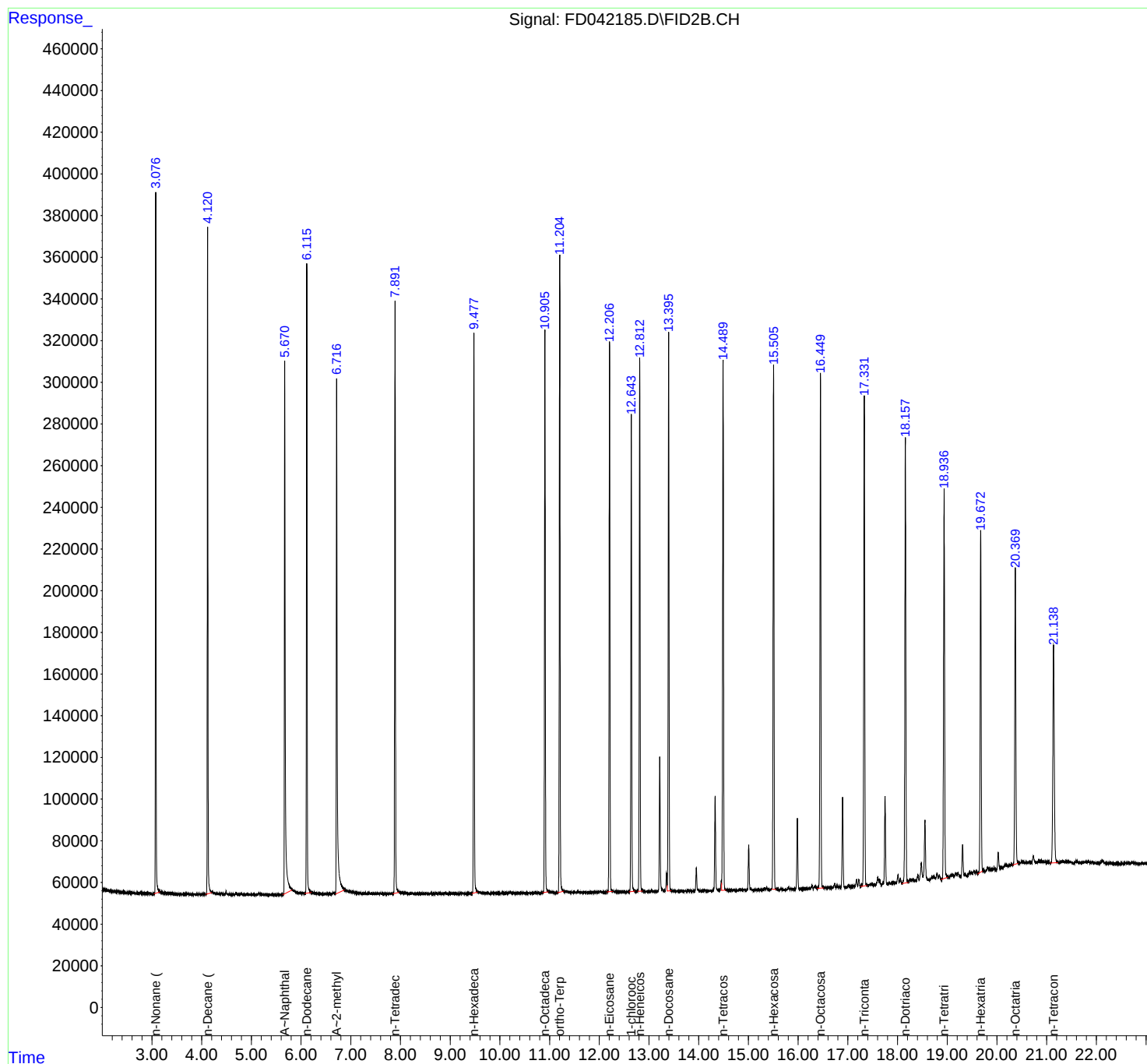
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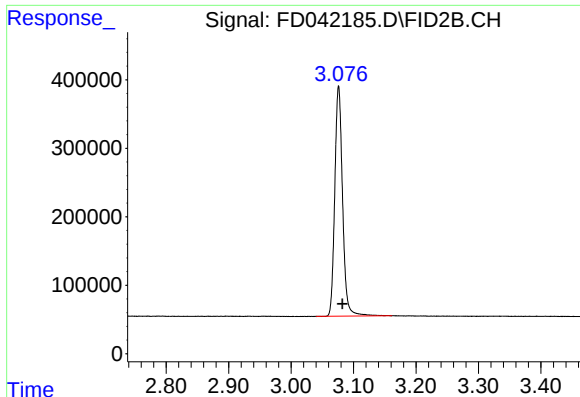
(m)=manual int.

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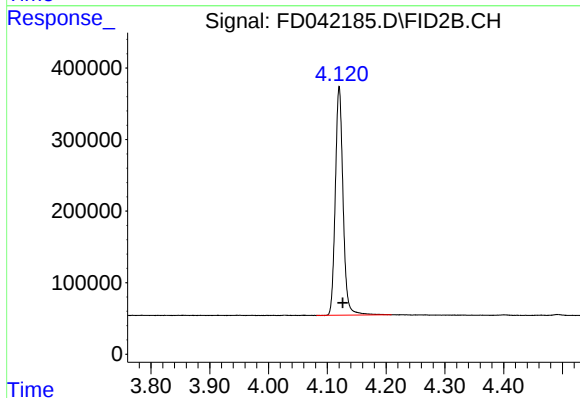
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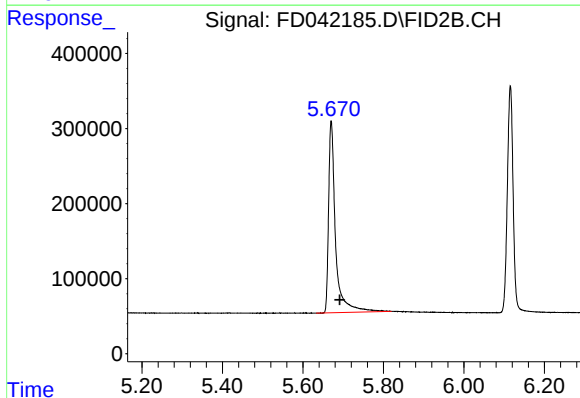
#1 n-Nonane (C9)

R.T.: 3.076 min
Delta R.T.: -0.006 min
Response: 2915804
Conc: 21.39 ug/ml



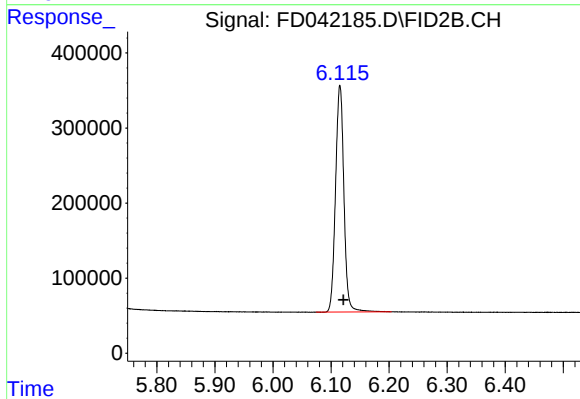
#2 n-Decane (C10)

R.T.: 4.120 min
Delta R.T.: -0.006 min
Response: 2928419
Conc: 21.85 ug/ml



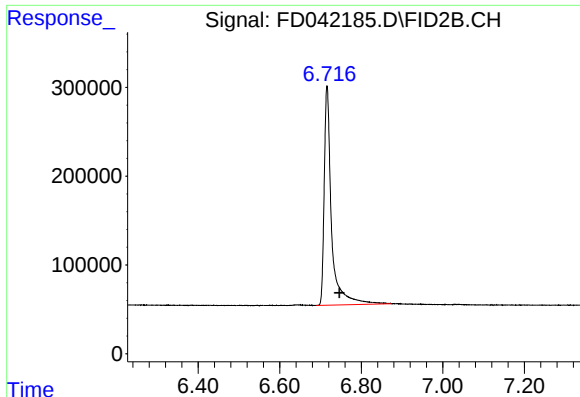
#3 A~Naphthalene (C11.7)

R.T.: 5.670 min
Delta R.T.: -0.021 min
Response: 3080550
Conc: 21.25 ug/ml



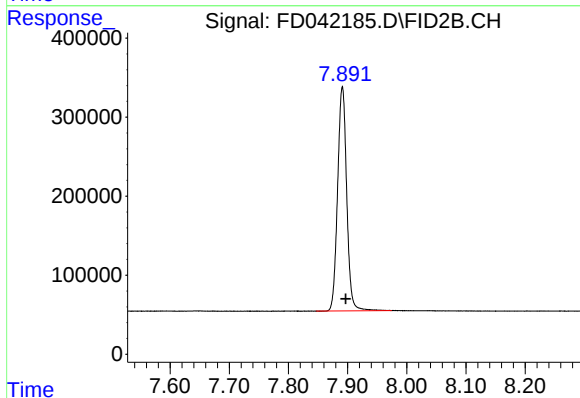
#4 n-Dodecane (C12)

R.T.: 6.115 min
Delta R.T.: -0.006 min
Response: 3027880
Conc: 21.27 ug/ml



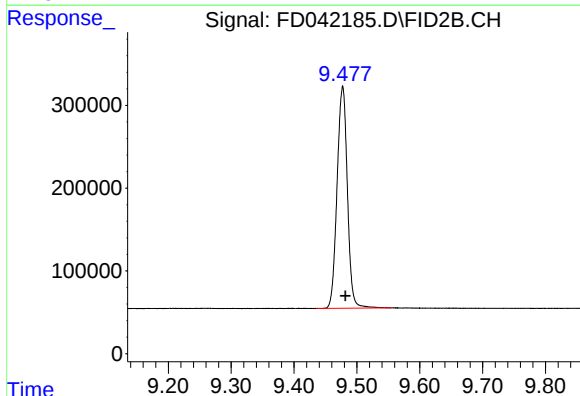
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.716 min
Delta R.T.: -0.030 min
Response: 3090856
Conc: 22.18 ug/ml



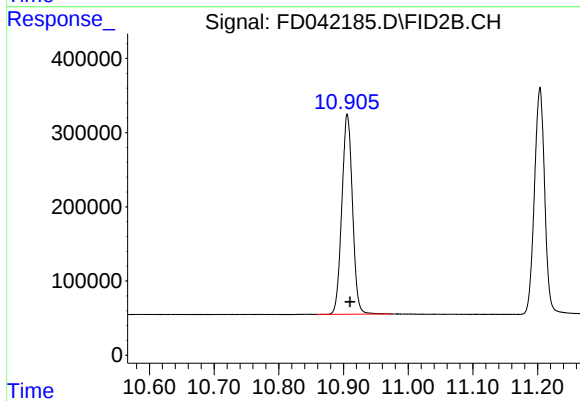
#6 n-Tetradecane (C14)

R.T.: 7.891 min
Delta R.T.: -0.006 min
Response: 3031301
Conc: 21.28 ug/ml



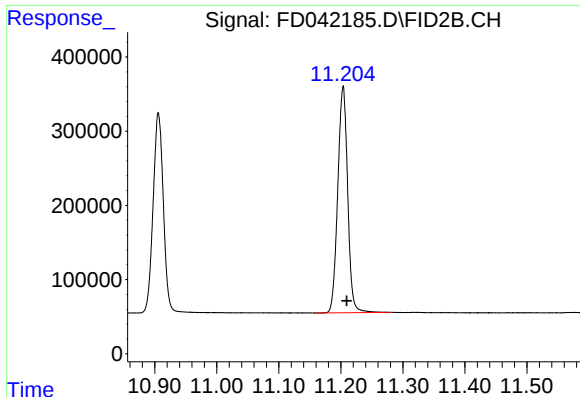
#7 n-Hexadecane (C16)

R.T.: 9.477 min
Delta R.T.: -0.005 min
Response: 3053752
Conc: 21.01 ug/ml



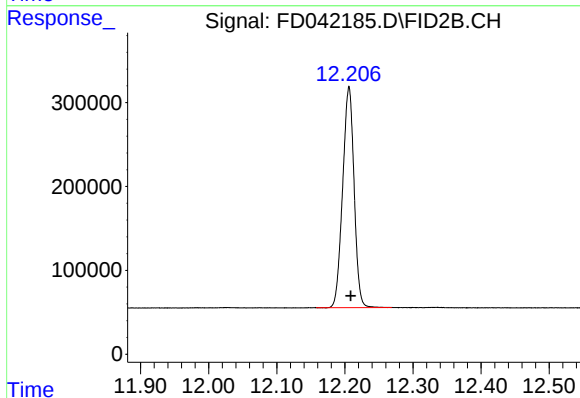
#8 n-Octadecane (C18)

R.T.: 10.906 min
Delta R.T.: -0.004 min
Response: 3085468
Conc: 20.59 ug/ml



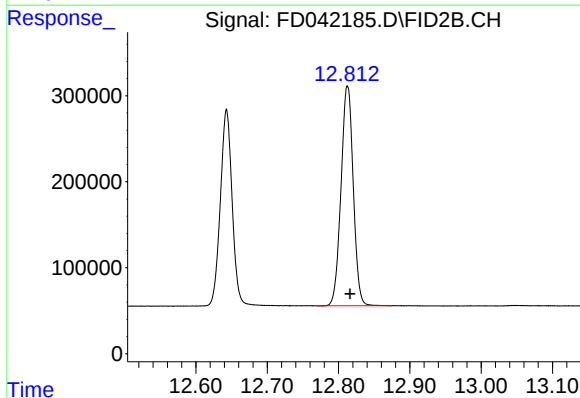
#9 ortho-Terphenyl (SURR)

R.T.: 11.204 min
Delta R.T.: -0.006 min
Response: 3378915
Conc: 20.15 ug/ml



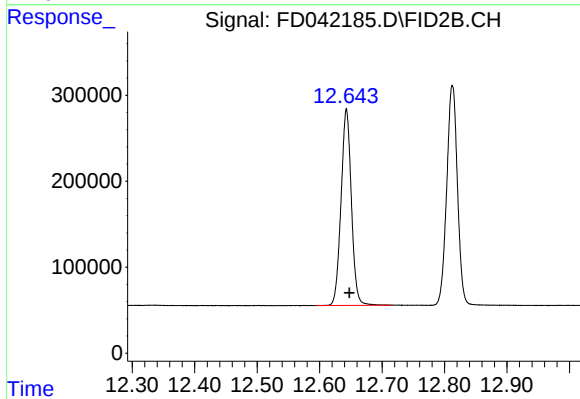
#10 n-Eicosane (C20)

R.T.: 12.206 min
Delta R.T.: -0.003 min
Response: 3071702
Conc: 20.07 ug/ml



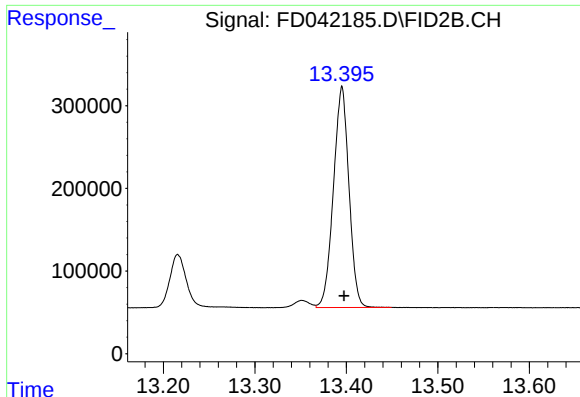
#11 n-Heneicosane (C21)

R.T.: 12.813 min
Delta R.T.: -0.003 min
Response: 3045347
Conc: 19.75 ug/ml



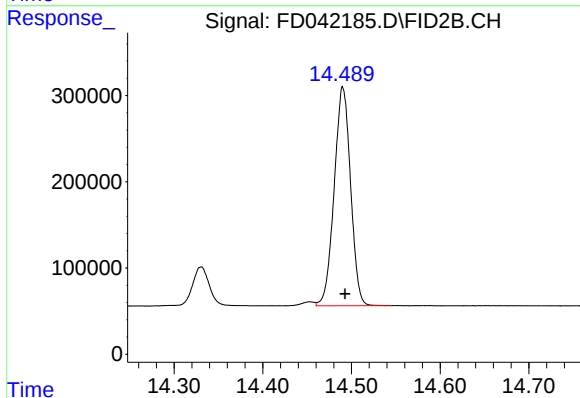
#12 1-chlorooctadecane (SURR)

R.T.: 12.643 min
Delta R.T.: -0.004 min
Response: 2621772
Conc: 19.87 ug/ml



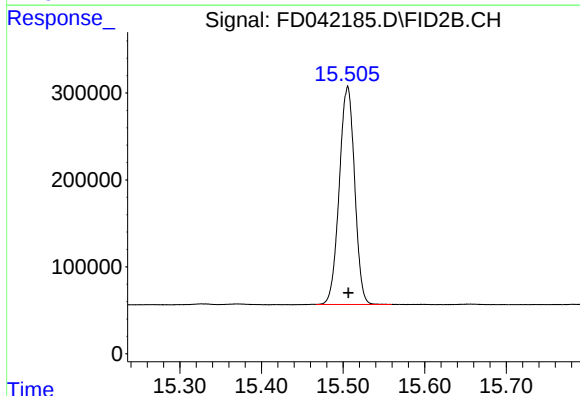
#13 n-Docosane (C22)

R.T.: 13.395 min
Delta R.T.: -0.002 min
Response: 3148858
Conc: 20.43 ug/ml



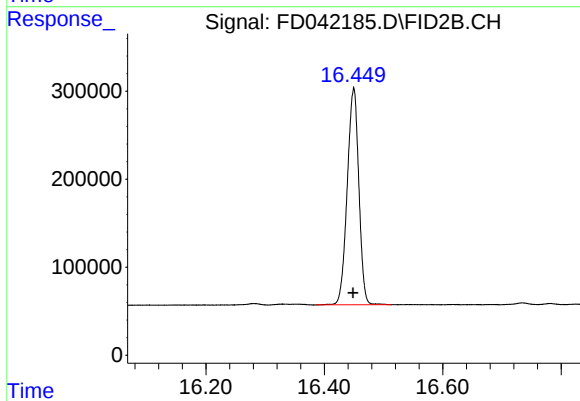
#14 n-Tetracosane (C24)

R.T.: 14.490 min
Delta R.T.: -0.003 min
Response: 3256485
Conc: 21.06 ug/ml



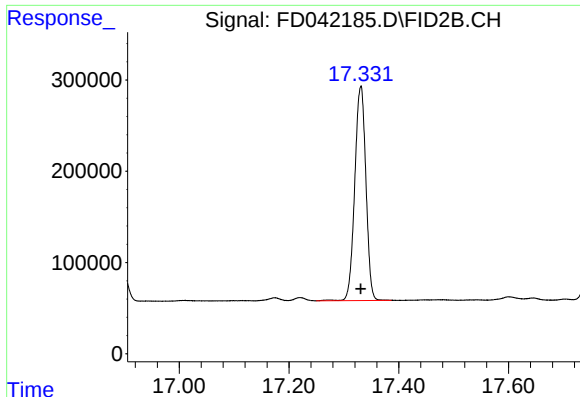
#15 n-Hexacosane (C26)

R.T.: 15.506 min
Delta R.T.: 0.000 min
Response: 3281404
Conc: 21.33 ug/ml



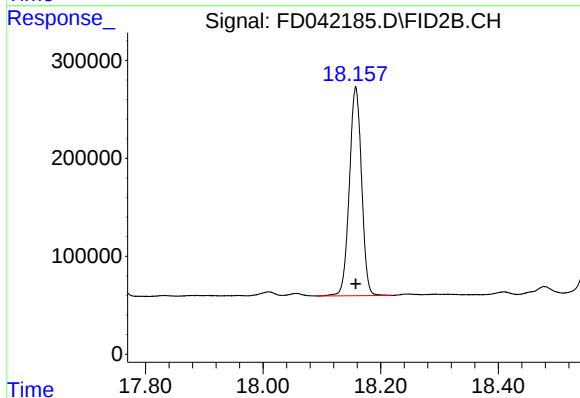
#16 n-Octacosane (C28)

R.T.: 16.450 min
Delta R.T.: 0.000 min
Response: 3353844
Conc: 21.94 ug/ml



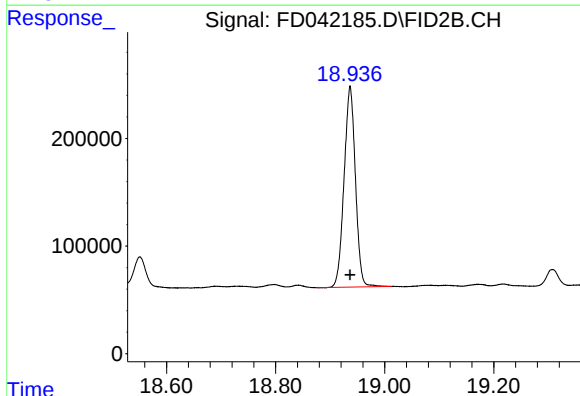
#17 n-Tricontane (C30)

R.T.: 17.331 min
Delta R.T.: 0.000 min
Response: 3308388
Conc: 22.06 ug/ml



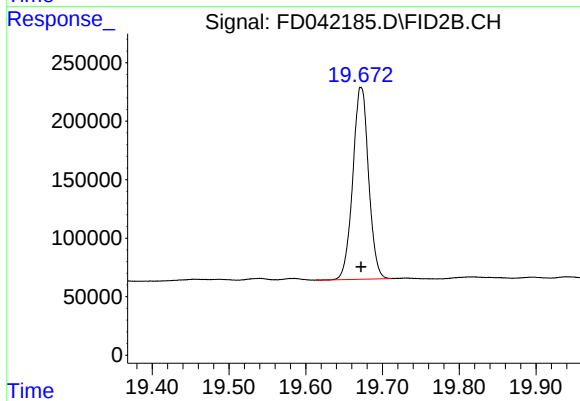
#18 n-Dotriacontane (C32)

R.T.: 18.158 min
Delta R.T.: 0.000 min
Response: 3066346
Conc: 21.69 ug/ml



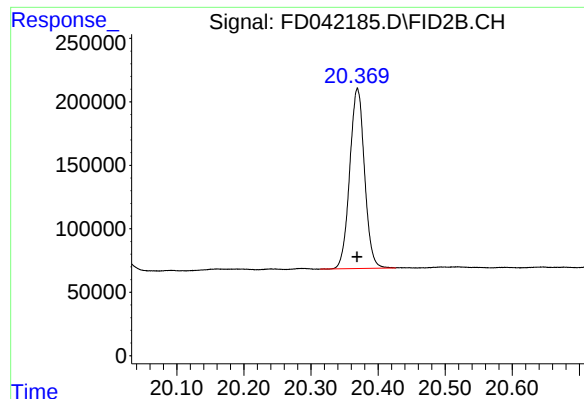
#19 n-Tetratriacontane (C34)

R.T.: 18.937 min
Delta R.T.: 0.000 min
Response: 2691831
Conc: 20.92 ug/ml



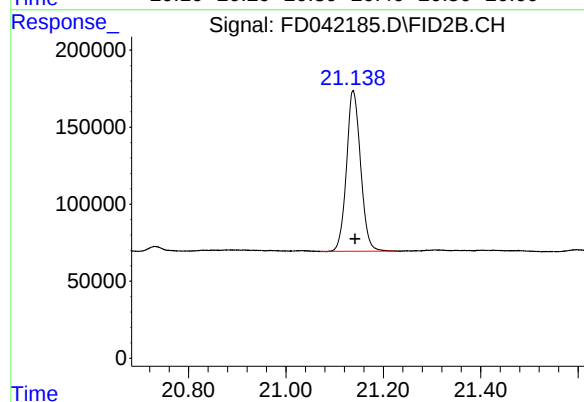
#20 n-Hexatriacontane (C36)

R.T.: 19.672 min
Delta R.T.: 0.000 min
Response: 2347742
Conc: 20.75 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.369 min
Delta R.T.: 0.000 min
Response: 2170005
Conc: 21.75 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.138 min
Delta R.T.: -0.004 min
Response: 2096159
Conc: 23.24 ug/ml