

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD042020AL\
 Data File : FD033067.D
 Signal(s) : FID2B.CH
 Acq On : 21 Apr 2020 6:57
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Apr 21 07:29:31 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 040720.M
 Quant Title : GC Extractables
 QLast Update : Tue Apr 07 14:10:50 2020
 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)	11.496	2879267	19.163 ug/ml
Spiked Amount 50.000		Recovery =	38.33%
12) S 1-chlorooctadecane (S...	12.927	2258229	19.240 ug/ml
Spiked Amount 50.000		Recovery =	38.48%
Target Compounds			
1) T n-Nonane (C9)	3.305	2732924	20.439 ug/ml
2) T n-Decane (C10)	4.365	2766231	20.647 ug/ml
3) T A~Naphthalene (C11.7)	5.940	3031714	20.570 ug/ml
4) T n-Dodecane (C12)	6.371	2824129	20.829 ug/ml
5) T A~2-methylnaphthalene...	6.991	3050421	20.533 ug/ml
6) T n-Tetradecane (C14)	8.155	2850650	20.850 ug/ml
7) T n-Hexadecane (C16)	9.747	2836658	20.649 ug/ml
8) T n-Octadecane (C18)	11.182	2796040	20.191 ug/ml
10) T n-Eicosane (C20)	12.485	2732307	19.670 ug/ml
11) T n-Heneicosane (C21)	13.095	2692664	19.223 ug/ml
13) T n-Docosane (C22)	13.677	2687056	19.354 ug/ml
14) T n-Tetracosane (C24)	14.775	2722849	19.843 ug/ml
15) T n-Hexacosane (C26)	15.792	2635086	19.816 ug/ml
16) T n-Octacosane (C28)	16.737	2593778	20.549 ug/ml
17) T n-Tricontane (C30)	17.621	2463401	21.641 ug/ml
18) T n-Dotriacontane (C32)	18.448	1906470	22.695 ug/ml
19) T n-Tetratriacontane (C34)	19.228	1364534	22.499 ug/ml
20) T n-Hexatriacontane (C36)	19.964	1176167	23.442 ug/ml
21) T n-Octatriacontane (C38)	20.677	1082895	22.493 ug/ml
22) T n-Tetracontane (C40)	21.534	1045644	20.723 ug/ml

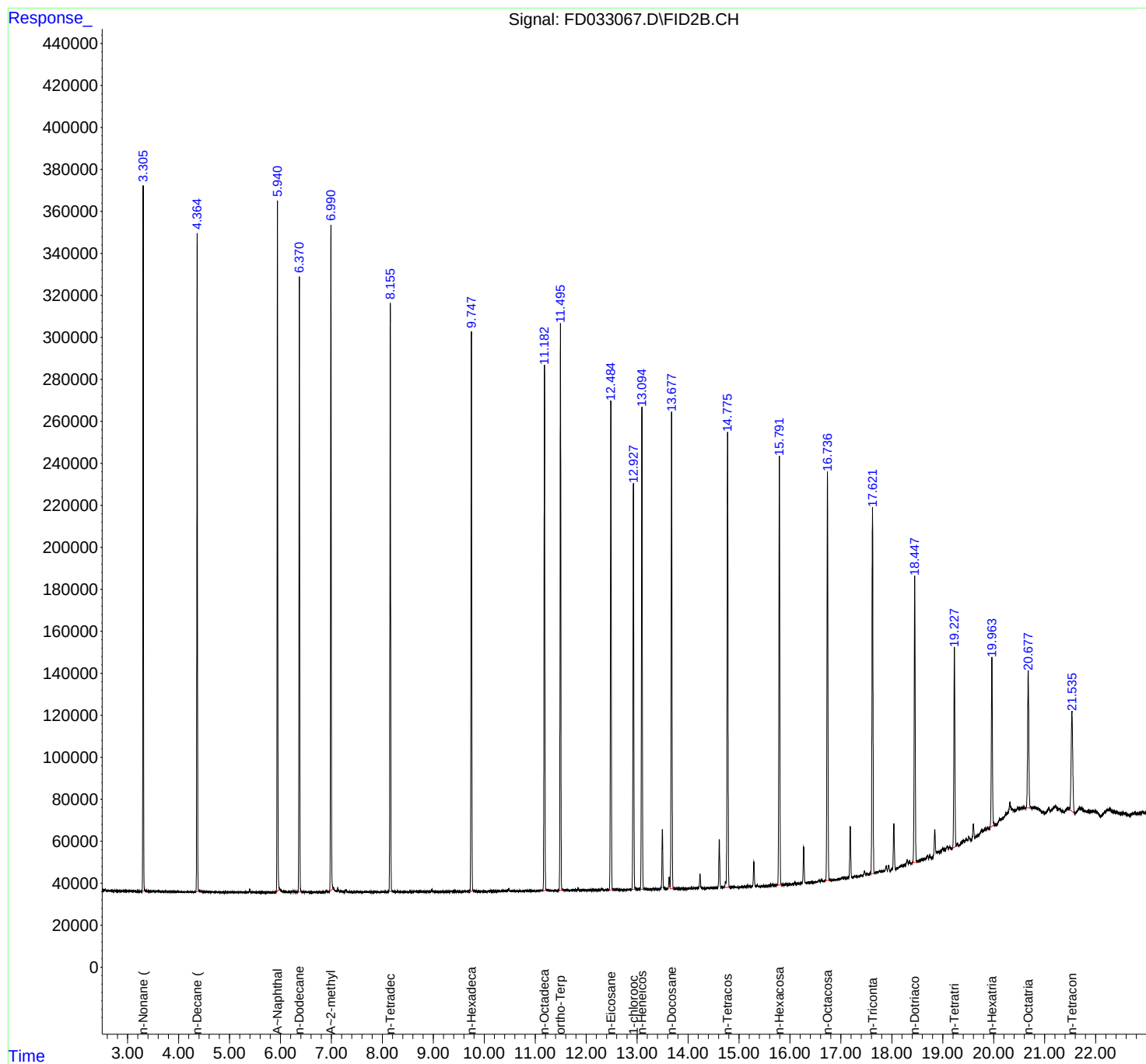
(f)=RT Delta > 1/2 Window

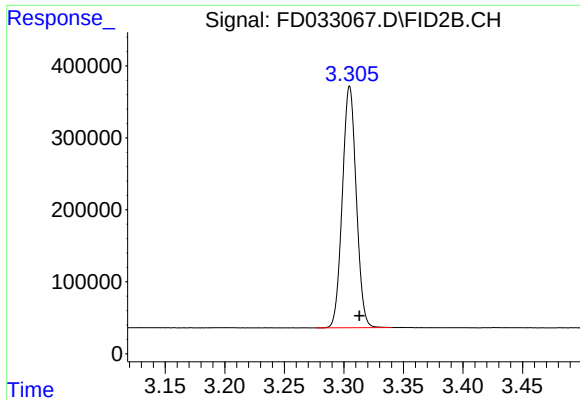
(m)=manual int.

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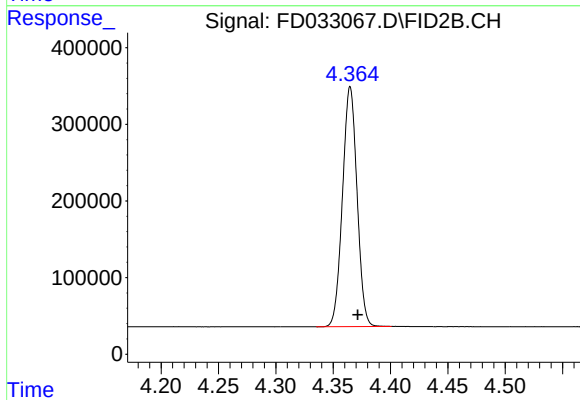
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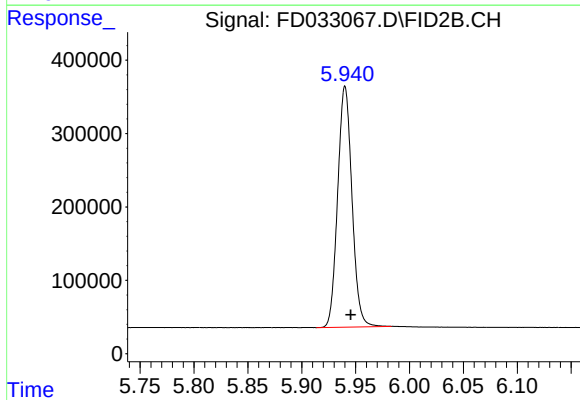
#1 n-Nonane (C9)

R.T.: 3.305 min
Delta R.T.: -0.008 min
Response: 2732924
Conc: 20.44 ug/ml



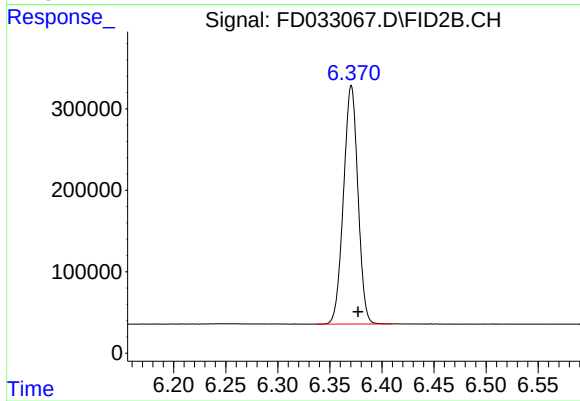
#2 n-Decane (C10)

R.T.: 4.365 min
Delta R.T.: -0.007 min
Response: 2766231
Conc: 20.65 ug/ml



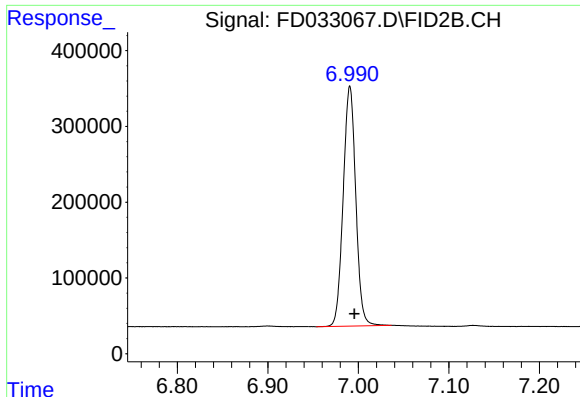
#3 A~Naphthalene (C11.7)

R.T.: 5.940 min
Delta R.T.: -0.005 min
Response: 3031714
Conc: 20.57 ug/ml



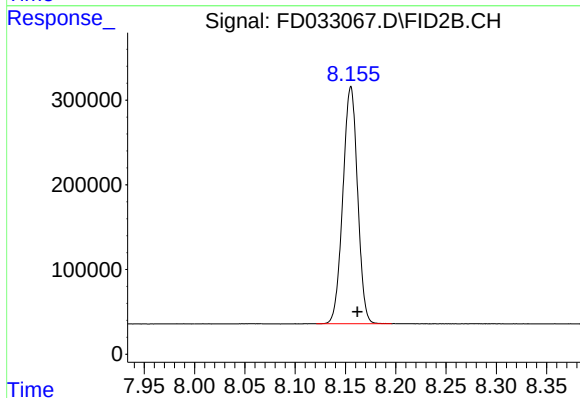
#4 n-Dodecane (C12)

R.T.: 6.371 min
Delta R.T.: -0.006 min
Response: 2824129
Conc: 20.83 ug/ml



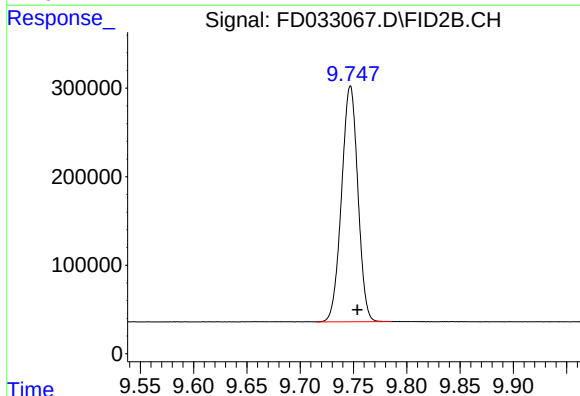
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.991 min
Delta R.T.: -0.005 min
Response: 3050421
Conc: 20.53 ug/ml



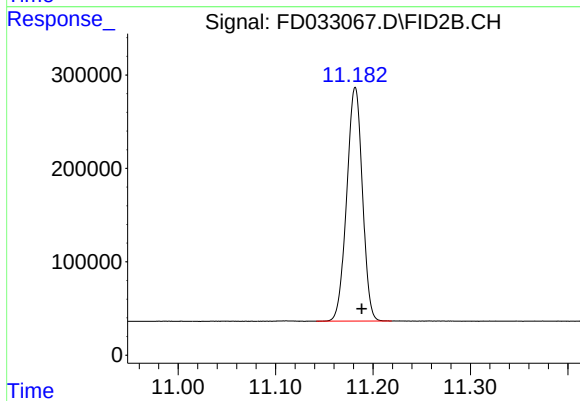
#6 n-Tetradecane (C14)

R.T.: 8.155 min
Delta R.T.: -0.006 min
Response: 2850650
Conc: 20.85 ug/ml



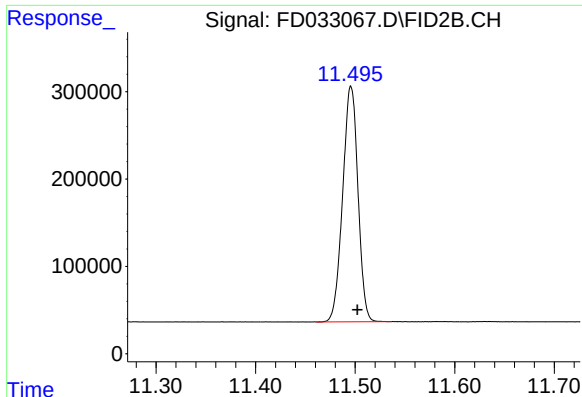
#7 n-Hexadecane (C16)

R.T.: 9.747 min
Delta R.T.: -0.007 min
Response: 2836658
Conc: 20.65 ug/ml



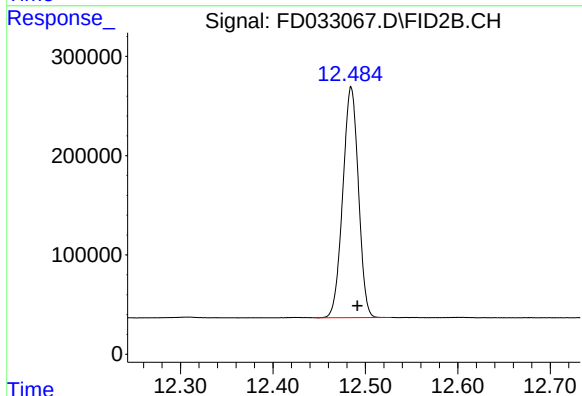
#8 n-Octadecane (C18)

R.T.: 11.182 min
Delta R.T.: -0.007 min
Response: 2796040
Conc: 20.19 ug/ml



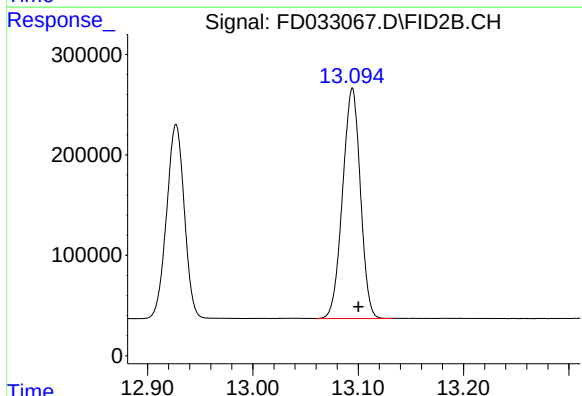
#9 ortho-Terphenyl (SURR)

R.T.: 11.496 min
Delta R.T.: -0.006 min
Response: 2879267
Conc: 19.16 ug/ml



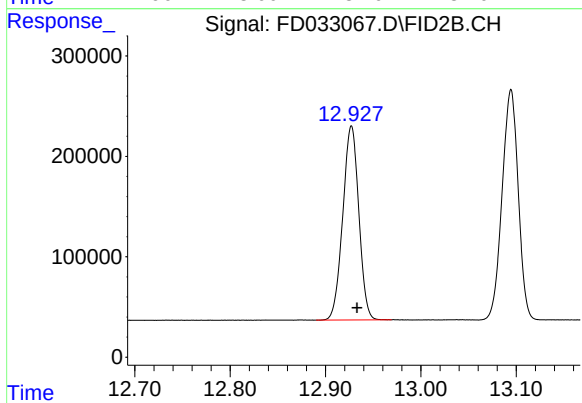
#10 n-Eicosane (C20)

R.T.: 12.485 min
Delta R.T.: -0.007 min
Response: 2732307
Conc: 19.67 ug/ml



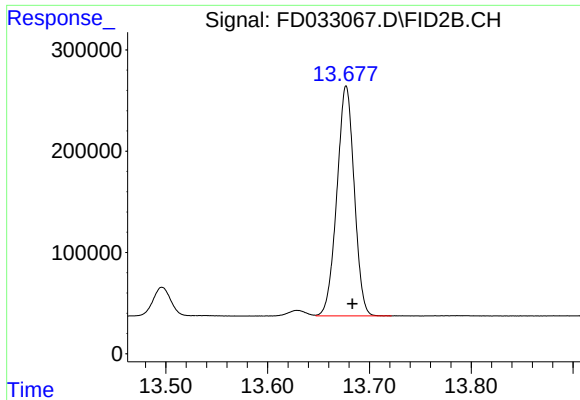
#11 n-Heneicosane (C21)

R.T.: 13.095 min
Delta R.T.: -0.006 min
Response: 2692664
Conc: 19.22 ug/ml



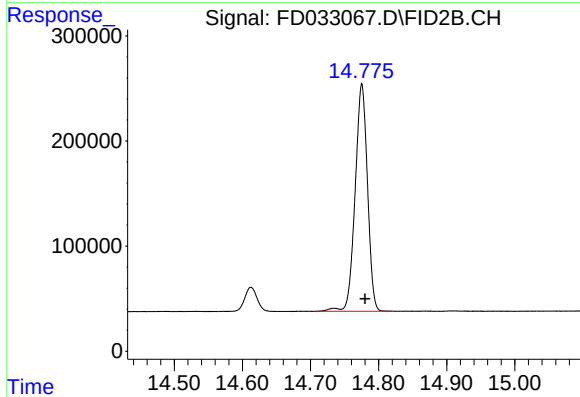
#12 1-chlorooctadecane (SURR)

R.T.: 12.927 min
Delta R.T.: -0.006 min
Response: 2258229
Conc: 19.24 ug/ml



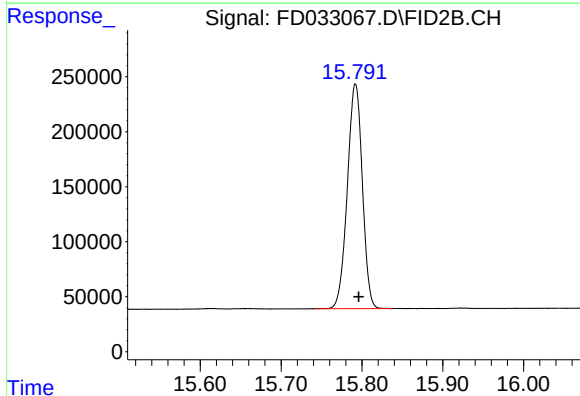
#13 n-Docosane (C22)

R.T.: 13.677 min
Delta R.T.: -0.006 min
Response: 2687056
Conc: 19.35 ug/ml



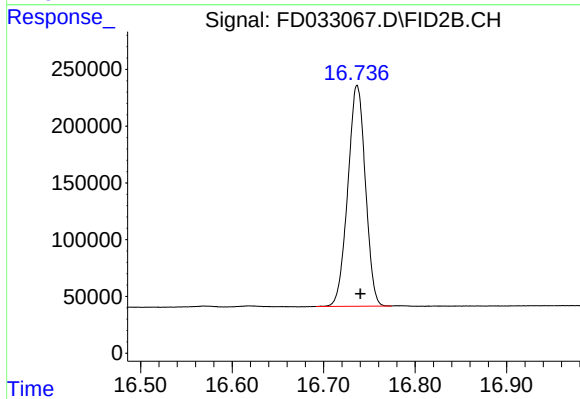
#14 n-Tetracosane (C24)

R.T.: 14.775 min
Delta R.T.: -0.005 min
Response: 2722849
Conc: 19.84 ug/ml



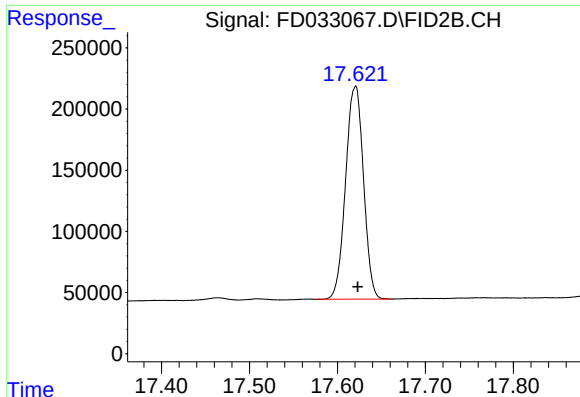
#15 n-Hexacosane (C26)

R.T.: 15.792 min
Delta R.T.: -0.004 min
Response: 2635086
Conc: 19.82 ug/ml



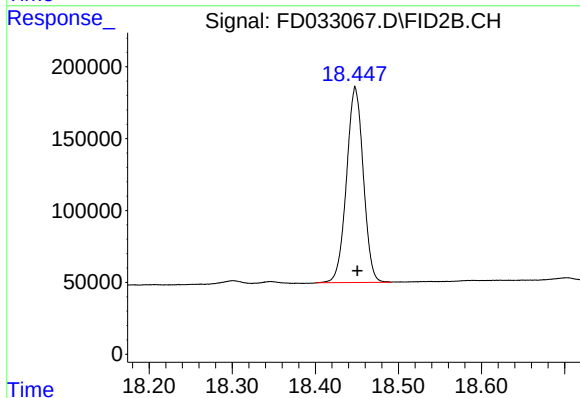
#16 n-Octacosane (C28)

R.T.: 16.737 min
Delta R.T.: -0.003 min
Response: 2593778
Conc: 20.55 ug/ml



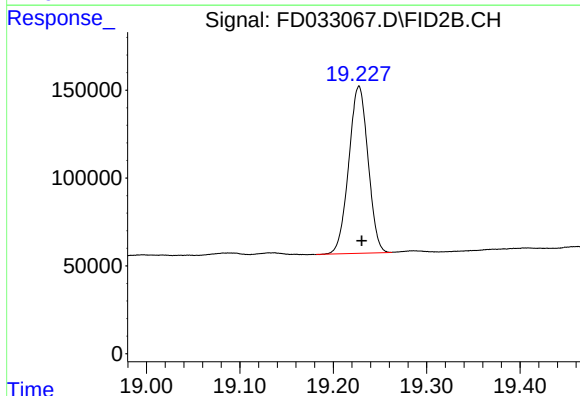
#17 n-Tricontane (C30)

R.T.: 17.621 min
Delta R.T.: -0.002 min
Response: 2463401
Conc: 21.64 ug/ml



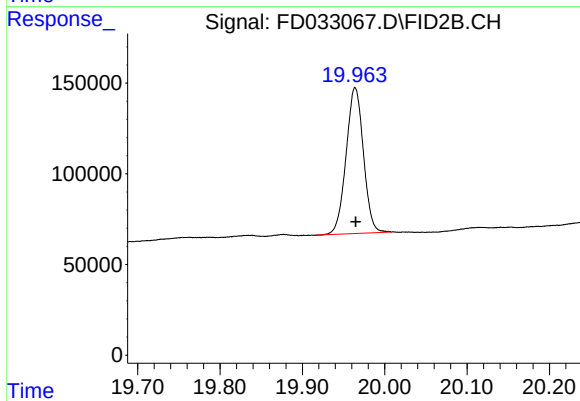
#18 n-Dotriacontane (C32)

R.T.: 18.448 min
Delta R.T.: -0.003 min
Response: 1906470
Conc: 22.70 ug/ml



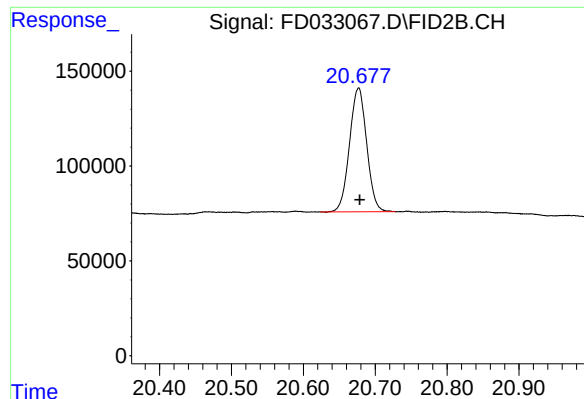
#19 n-Tetratriacontane (C34)

R.T.: 19.228 min
Delta R.T.: -0.003 min
Response: 1364534
Conc: 22.50 ug/ml



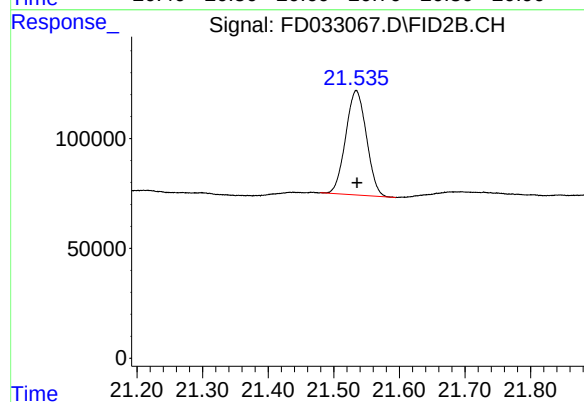
#20 n-Hexatriacontane (C36)

R.T.: 19.964 min
Delta R.T.: 0.000 min
Response: 1176167
Conc: 23.44 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.677 min
Delta R.T.: -0.001 min
Response: 1082895
Conc: 22.49 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.534 min
Delta R.T.: -0.001 min
Response: 1045644
Conc: 20.72 ug/ml