

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD032222AL\
 Data File : FD041669.D
 Signal(s) : FID2B.CH
 Acq On : 23 Mar 2022 2:00
 Operator : UA/NP
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Mar 23 05:08:06 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 032222.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 23 05:05:55 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)	11.229	3314354	18.690 ug/ml
Spiked Amount 50.000		Recovery =	37.38%
12) S 1-chlorooctadecane (S...	12.669	2595774	18.746 ug/ml
Spiked Amount 50.000		Recovery =	37.49%
Target Compounds			
1) T n-Nonane (C9)	3.095	2768887	18.823 ug/ml
2) T n-Decane (C10)	4.140	2743079	18.785 ug/ml
3) T A~Naphthalene (C11.7)	5.691	2965837	18.987 ug/ml
4) T n-Dodecane (C12)	6.136	2835598	18.824 ug/ml
5) T A~2-methylnaphthalene...	6.737	2969943	19.093 ug/ml
6) T n-Tetradecane (C14)	7.912	2858192	18.764 ug/ml
7) T n-Hexadecane (C16)	9.500	2901240	18.816 ug/ml
8) T n-Octadecane (C18)	10.930	2953923	18.749 ug/ml
10) T n-Eicosane (C20)	12.230	2975087	18.807 ug/ml
11) T n-Heneicosane (C21)	12.839	3001917	18.746 ug/ml
13) T n-Docosane (C22)	13.420	3007724	18.727 ug/ml
14) T n-Tetracosane (C24)	14.516	3026686	18.724 ug/ml
15) T n-Hexacosane (C26)	15.531	3019582	18.696 ug/ml
16) T n-Octacosane (C28)	16.476	3010156	18.700 ug/ml
17) T n-Tricontane (C30)	17.359	2938696	18.648 ug/ml
18) T n-Dotriacontane (C32)	18.186	2742185	18.479 ug/ml
19) T n-Tetratriacontane (C34)	18.965	2493487	18.610 ug/ml
20) T n-Hexatriacontane (C36)	19.701	2244401	18.744 ug/ml
21) T n-Octatriacontane (C38)	20.398	2068928	18.693 ug/ml
22) T n-Tetracontane (C40)	21.176	2000419	18.580 ug/ml

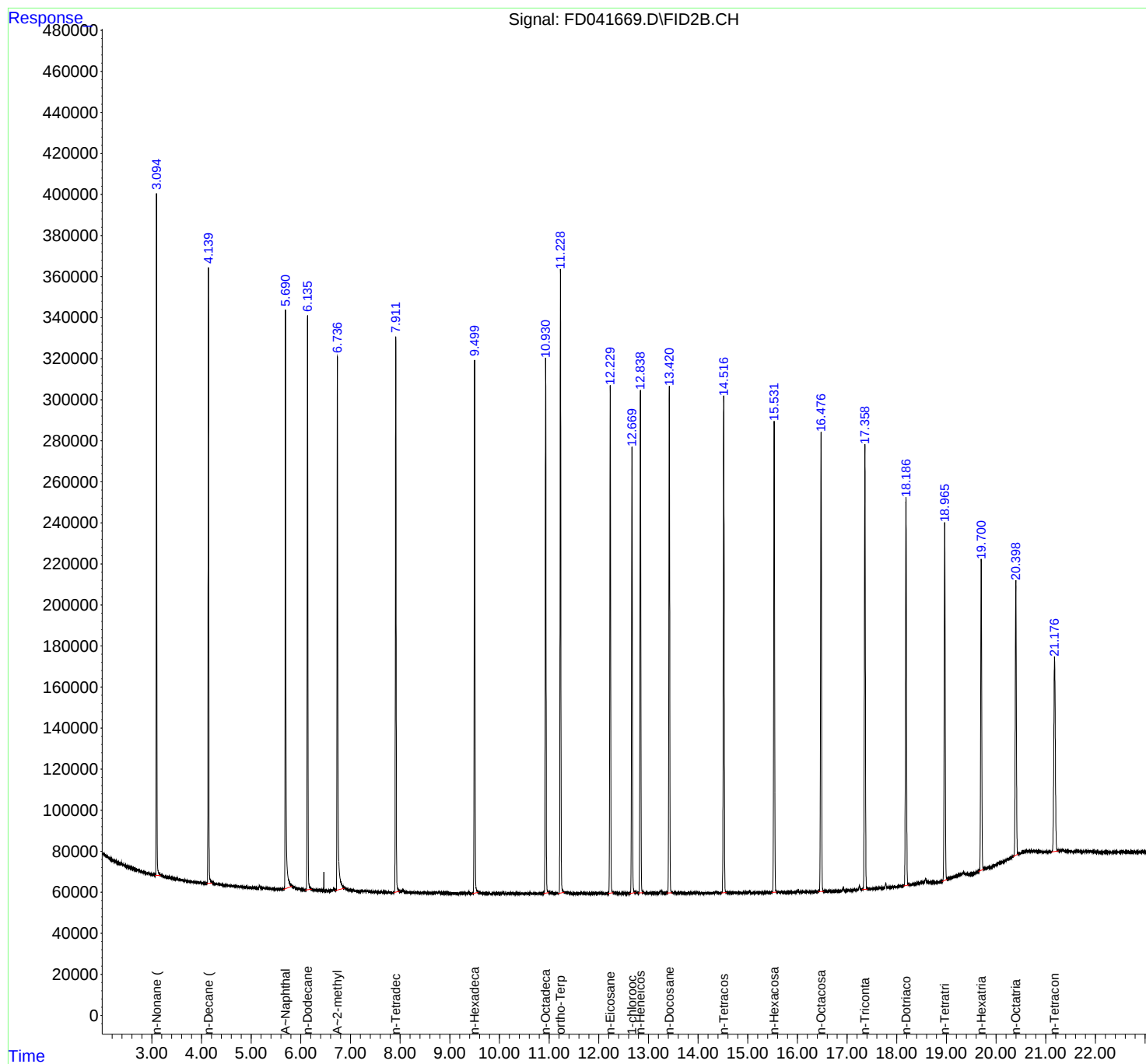
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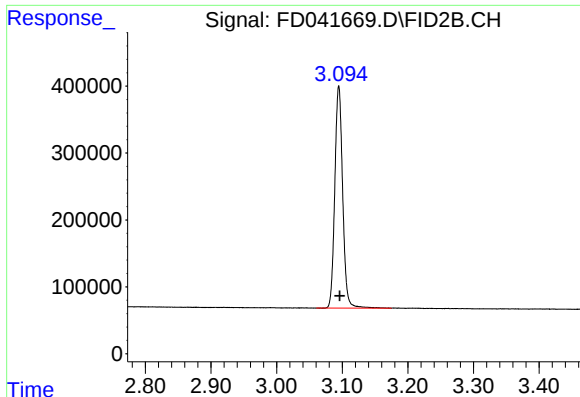
(m)=manual int.

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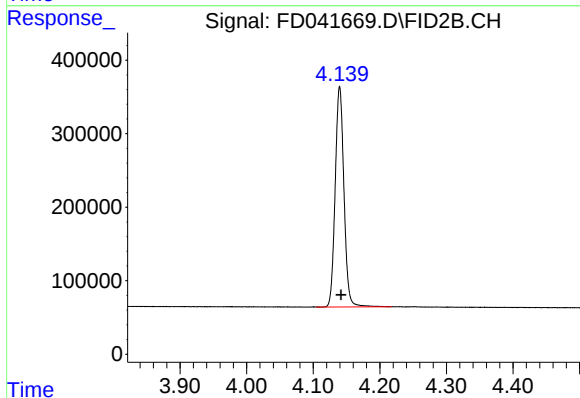
Volume Inj. : 1 u1
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Signal Info : 20M x 0.18mm x 0.18um





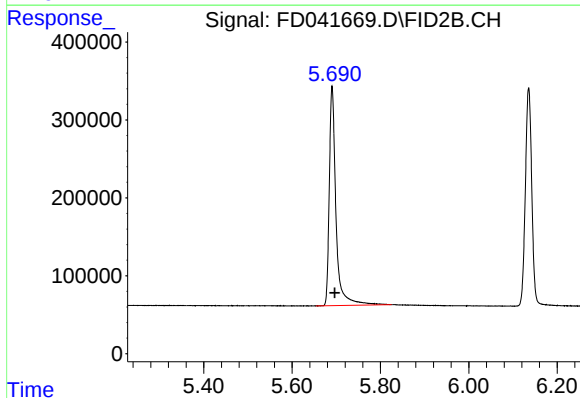
#1 n-Nonane (C9)

R.T.: 3.095 min
Delta R.T.: -0.001 min
Response: 2768887
Conc: 18.82 ug/ml



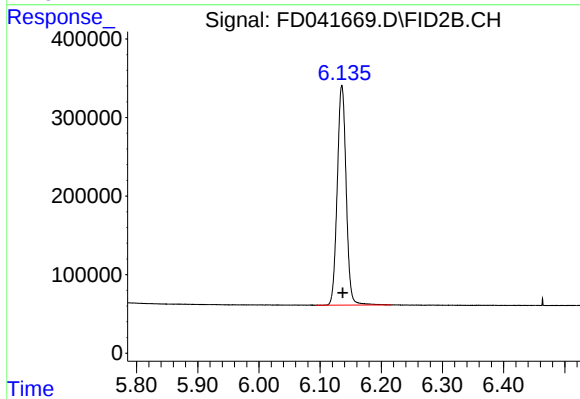
#2 n-Decane (C10)

R.T.: 4.140 min
Delta R.T.: -0.002 min
Response: 2743079
Conc: 18.79 ug/ml



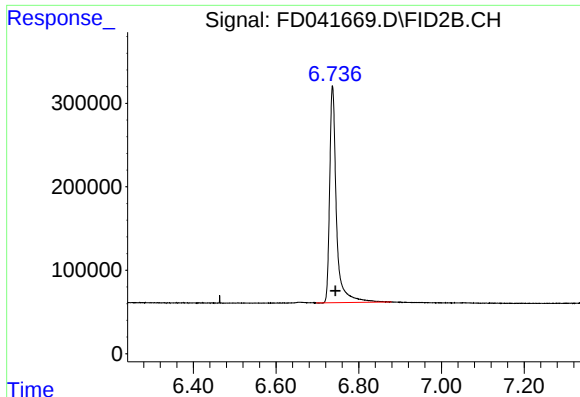
#3 A~Naphthalene (C11.7)

R.T.: 5.691 min
Delta R.T.: -0.006 min
Response: 2965837
Conc: 18.99 ug/ml



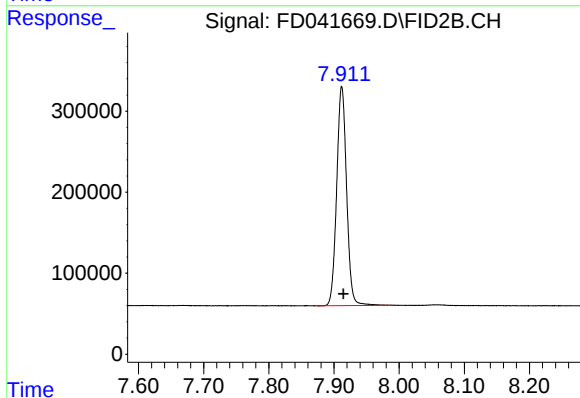
#4 n-Dodecane (C12)

R.T.: 6.136 min
Delta R.T.: -0.002 min
Response: 2835598
Conc: 18.82 ug/ml



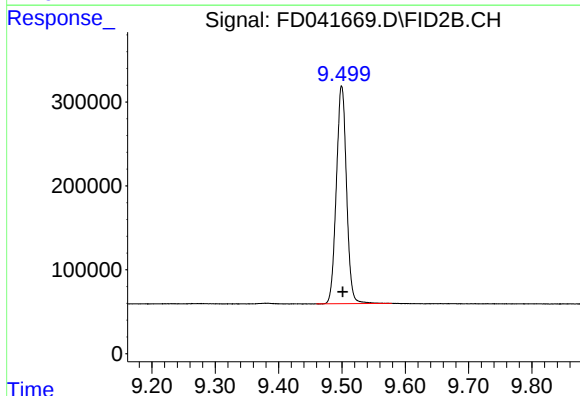
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.737 min
Delta R.T.: -0.007 min
Response: 2969943
Conc: 19.09 ug/ml



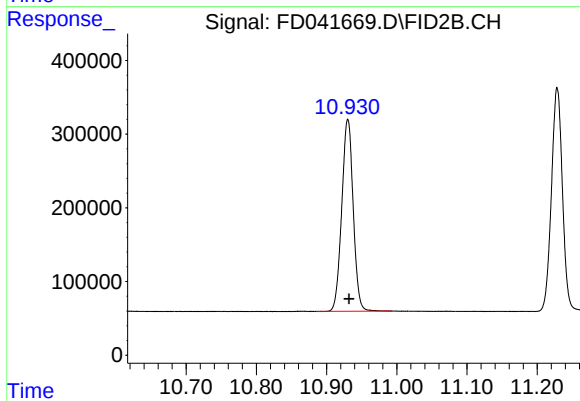
#6 n-Tetradecane (C14)

R.T.: 7.912 min
Delta R.T.: -0.002 min
Response: 2858192
Conc: 18.76 ug/ml



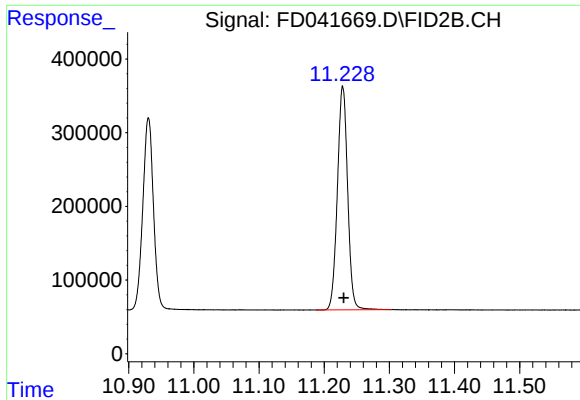
#7 n-Hexadecane (C16)

R.T.: 9.500 min
Delta R.T.: -0.002 min
Response: 2901240
Conc: 18.82 ug/ml



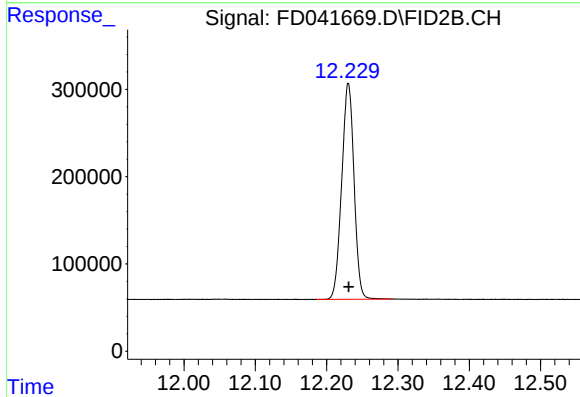
#8 n-Octadecane (C18)

R.T.: 10.930 min
Delta R.T.: -0.002 min
Response: 2953923
Conc: 18.75 ug/ml



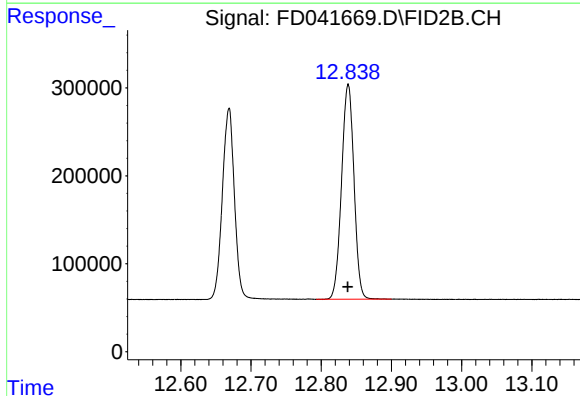
#9 ortho-Terphenyl (SURR)

R.T.: 11.229 min
Delta R.T.: -0.001 min
Response: 3314354
Conc: 18.69 ug/ml



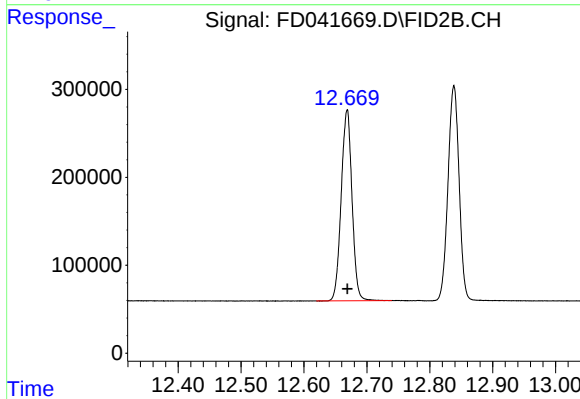
#10 n-Eicosane (C20)

R.T.: 12.230 min
Delta R.T.: 0.000 min
Response: 2975087
Conc: 18.81 ug/ml



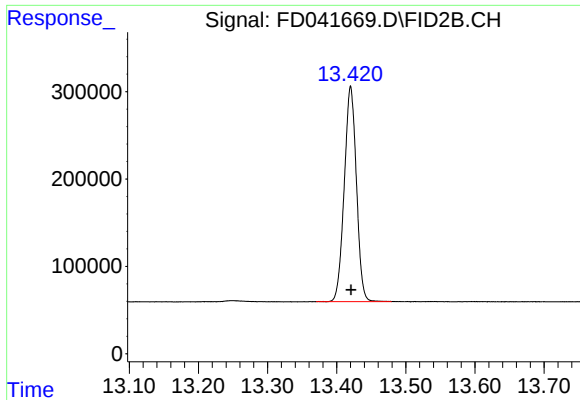
#11 n-Heneicosane (C21)

R.T.: 12.839 min
Delta R.T.: 0.000 min
Response: 3001917
Conc: 18.75 ug/ml



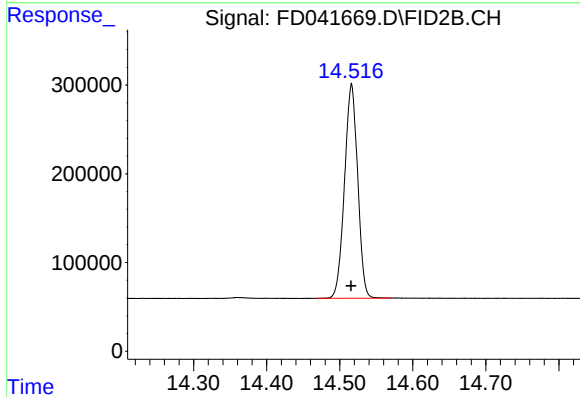
#12 1-chlorooctadecane (SURR)

R.T.: 12.669 min
Delta R.T.: 0.000 min
Response: 2595774
Conc: 18.75 ug/ml



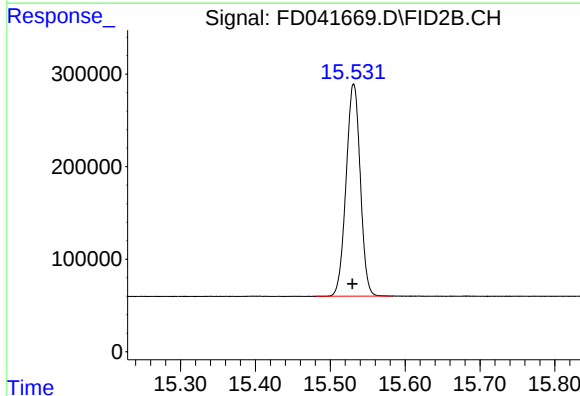
#13 n-Docosane (C22)

R.T.: 13.420 min
Delta R.T.: 0.000 min
Response: 3007724
Conc: 18.73 ug/ml



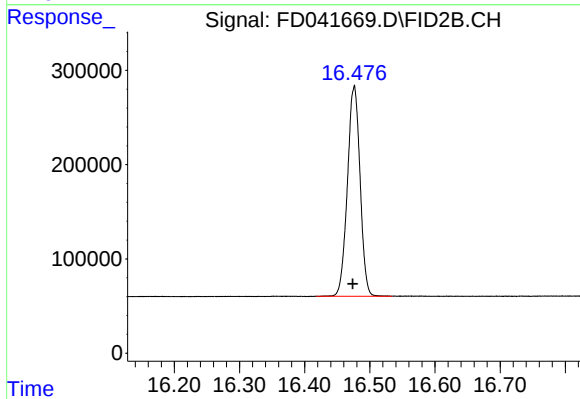
#14 n-Tetracosane (C24)

R.T.: 14.516 min
Delta R.T.: 0.000 min
Response: 3026686
Conc: 18.72 ug/ml



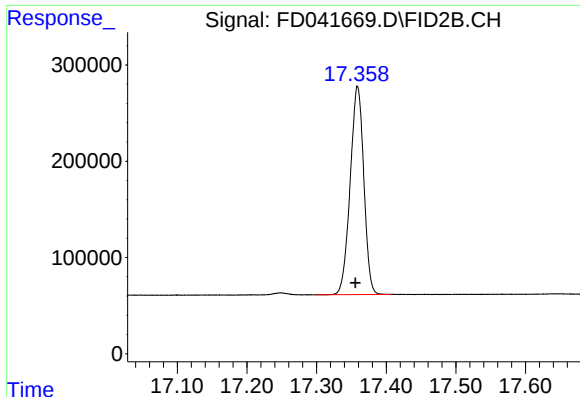
#15 n-Hexacosane (C26)

R.T.: 15.531 min
Delta R.T.: 0.002 min
Response: 3019582
Conc: 18.70 ug/ml



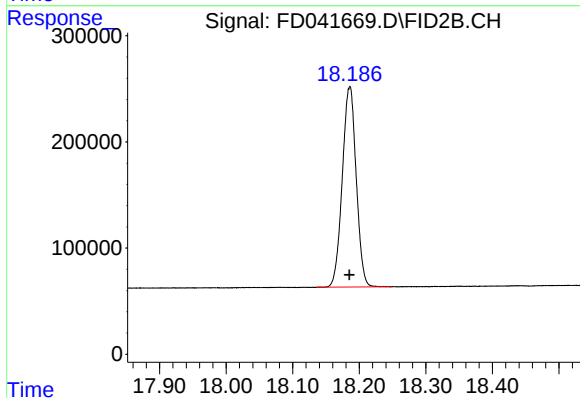
#16 n-Octacosane (C28)

R.T.: 16.476 min
Delta R.T.: 0.002 min
Response: 3010156
Conc: 18.70 ug/ml



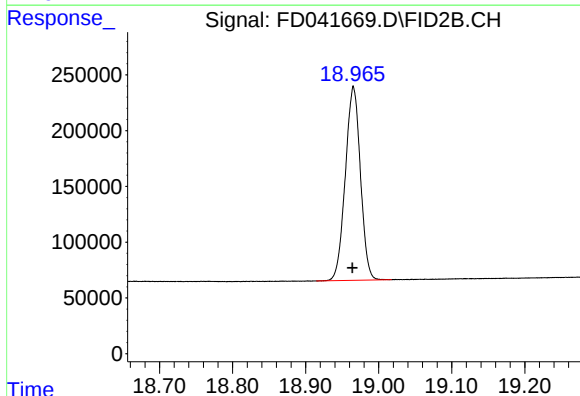
#17 n-Tricontane (C30)

R.T.: 17.359 min
Delta R.T.: 0.003 min
Response: 2938696
Conc: 18.65 ug/ml



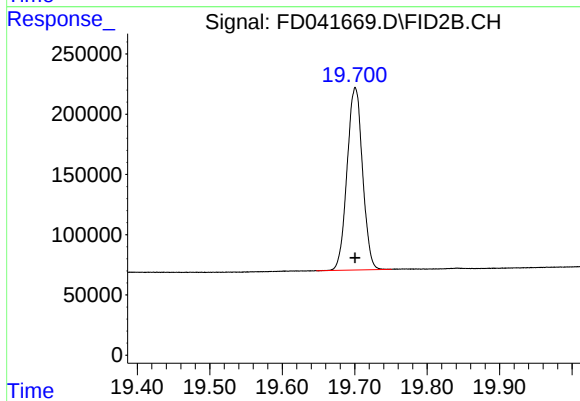
#18 n-Dotriacontane (C32)

R.T.: 18.186 min
Delta R.T.: 0.000 min
Response: 2742185
Conc: 18.48 ug/ml



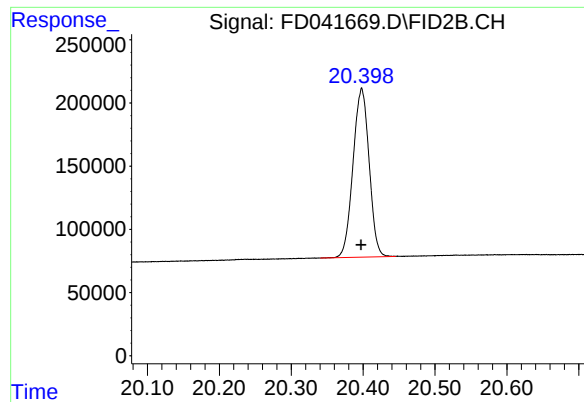
#19 n-Tetratriacontane (C34)

R.T.: 18.965 min
Delta R.T.: 0.001 min
Response: 2493487
Conc: 18.61 ug/ml



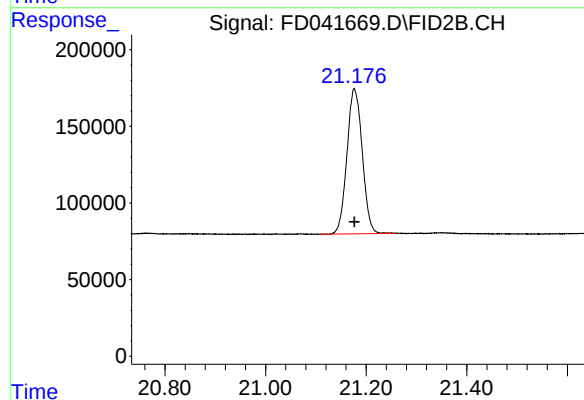
#20 n-Hexatriacontane (C36)

R.T.: 19.701 min
Delta R.T.: 0.000 min
Response: 2244401
Conc: 18.74 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.398 min
Delta R.T.: 0.001 min
Response: 2068928
Conc: 18.69 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.176 min
Delta R.T.: 0.000 min
Response: 2000419
Conc: 18.58 ug/ml