

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD042922AL\
 Data File : FD042197.D
 Signal(s) : FID2B.CH
 Acq On : 29 Apr 2022 12:59
 Operator : UA/NP
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Apr 29 23:45:38 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)	11.202	3236732	19.300 ug/ml
Spiked Amount 50.000		Recovery =	38.60%
12) S 1-chlorooctadecane (S...	12.642	2507363	19.001 ug/ml
Spiked Amount 50.000		Recovery =	38.00%
Target Compounds			
1) T n-Nonane (C9)	3.074	2758736	20.240 ug/ml
2) T n-Decane (C10)	4.119	2751058	20.528 ug/ml
3) T A~Naphthalene (C11.7)	5.669	2914728	20.108 ug/ml
4) T n-Dodecane (C12)	6.113	2874765	20.193 ug/ml
5) T A~2-methylnaphthalene...	6.715	2909722	20.880 ug/ml
6) T n-Tetradecane (C14)	7.890	2888483	20.278 ug/ml
7) T n-Hexadecane (C16)	9.476	2910088	20.026 ug/ml
8) T n-Octadecane (C18)	10.906	2946227	19.658 ug/ml
10) T n-Eicosane (C20)	12.204	2947969	19.260 ug/ml
11) T n-Heneicosane (C21)	12.812	2919233	18.936 ug/ml
13) T n-Docosane (C22)	13.395	3030770	19.662 ug/ml
14) T n-Tetracosane (C24)	14.490	3176969	20.542 ug/ml
15) T n-Hexacosane (C26)	15.504	3165238	20.578 ug/ml
16) T n-Octacosane (C28)	16.448	3251248	21.265 ug/ml
17) T n-Tricontane (C30)	17.330	3225906	21.506 ug/ml
18) T n-Dotriacontane (C32)	18.158	2997984	21.202 ug/ml
19) T n-Tetratriacontane (C34)	18.936	2625849	20.404 ug/ml
20) T n-Hexatriacontane (C36)	19.672	2261532	19.985 ug/ml
21) T n-Octatriacontane (C38)	20.369	2103377	21.081 ug/ml
22) T n-Tetracontane (C40)	21.139	2012163	22.308 ug/ml

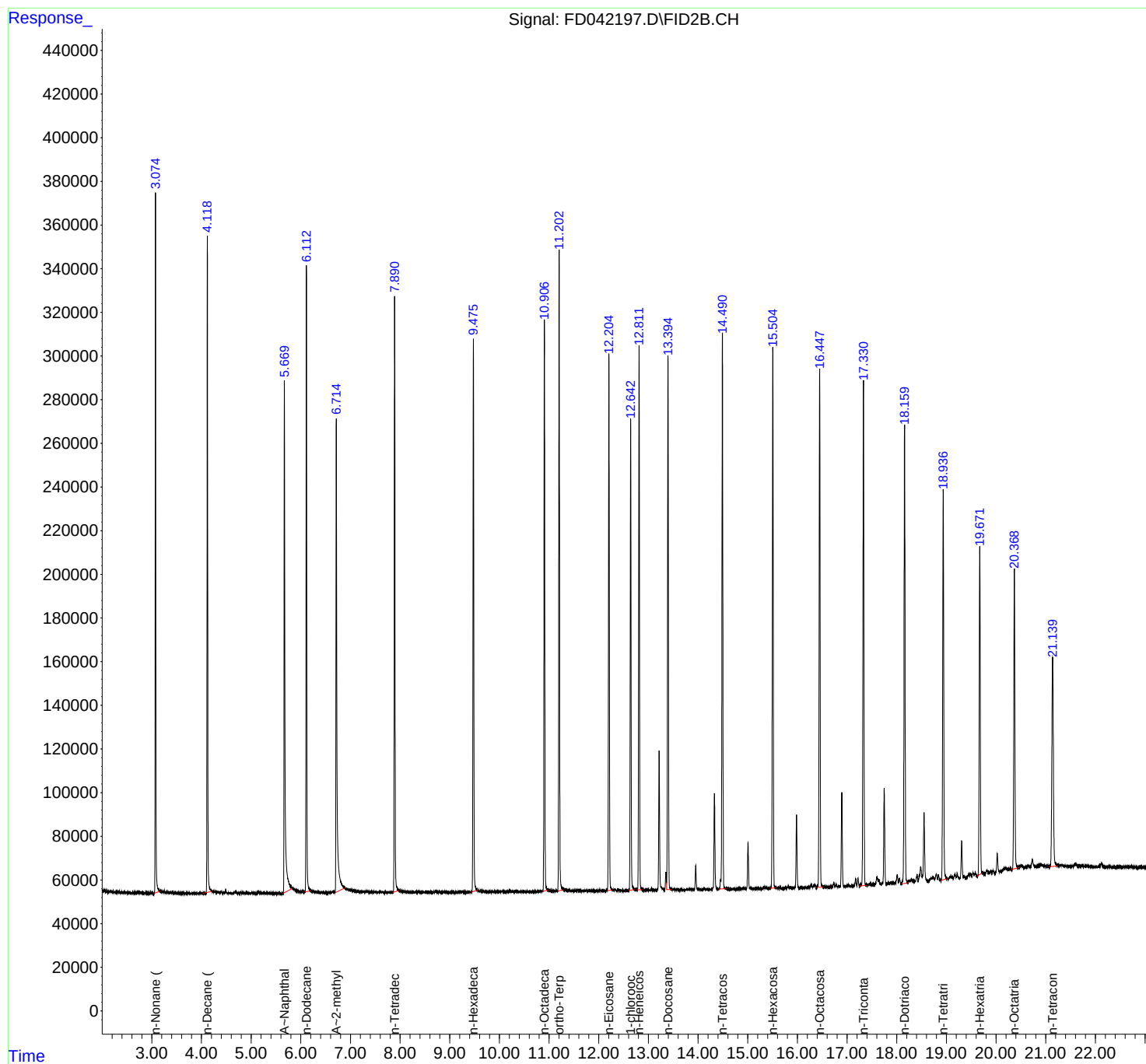
(f)=RT Delta > 1/2 Window

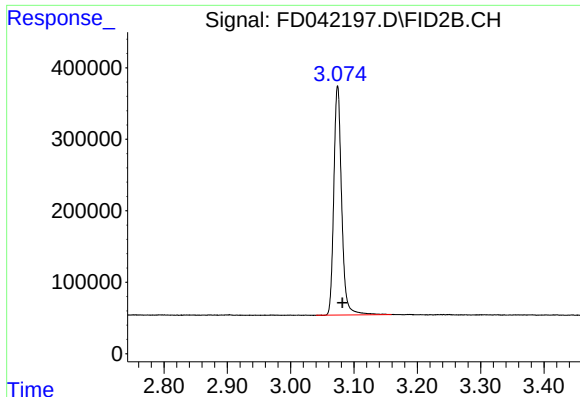
(m)=manual int.

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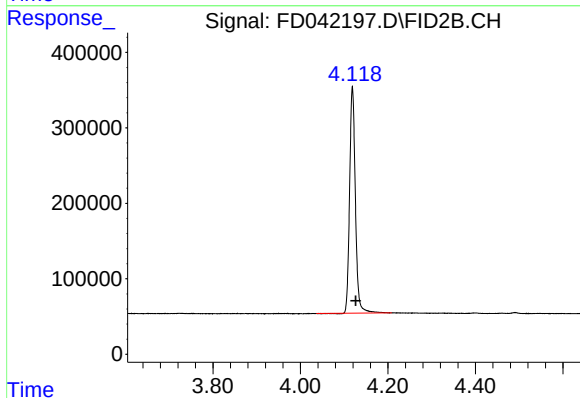
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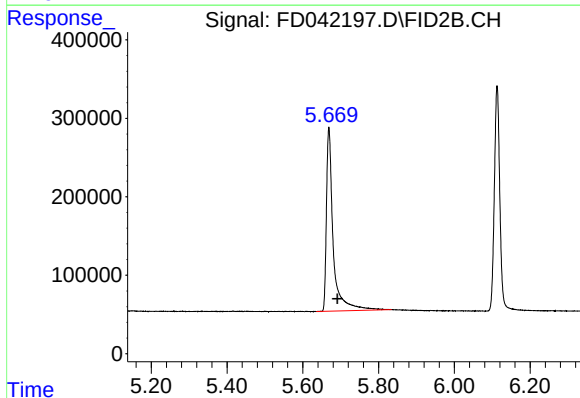
#1 n-Nonane (C9)

R.T.: 3.074 min
Delta R.T.: -0.008 min
Response: 2758736
Conc: 20.24 ug/ml



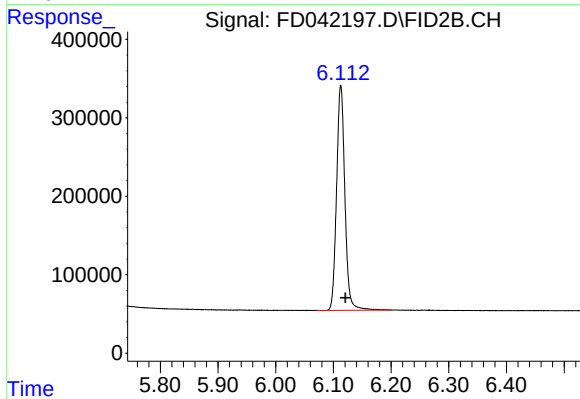
#2 n-Decane (C10)

R.T.: 4.119 min
Delta R.T.: -0.008 min
Response: 2751058
Conc: 20.53 ug/ml



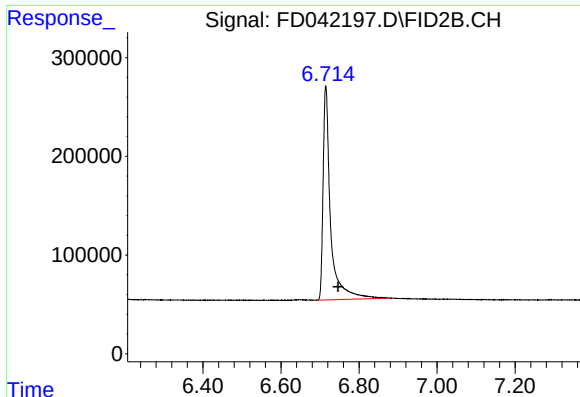
#3 A~Naphthalene (C11.7)

R.T.: 5.669 min
Delta R.T.: -0.022 min
Response: 2914728
Conc: 20.11 ug/ml



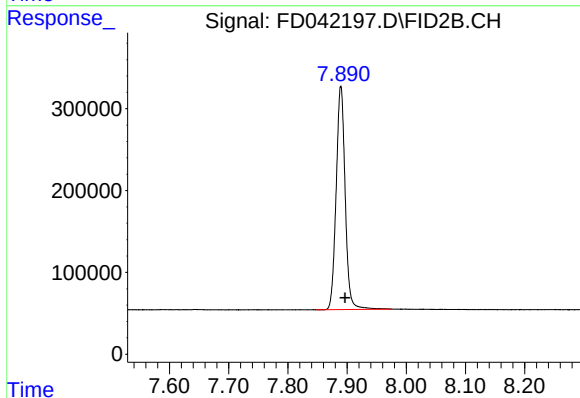
#4 n-Dodecane (C12)

R.T.: 6.113 min
Delta R.T.: -0.008 min
Response: 2874765
Conc: 20.19 ug/ml



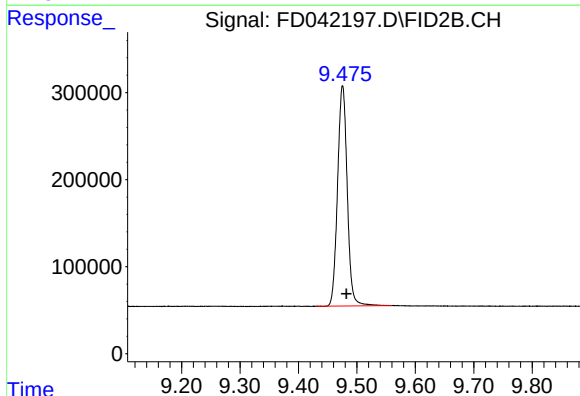
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.715 min
Delta R.T.: -0.031 min
Response: 2909722
Conc: 20.88 ug/ml



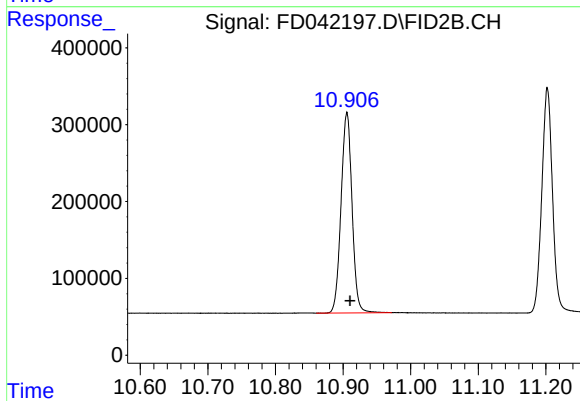
#6 n-Tetradecane (C14)

R.T.: 7.890 min
Delta R.T.: -0.007 min
Response: 2888483
Conc: 20.28 ug/ml



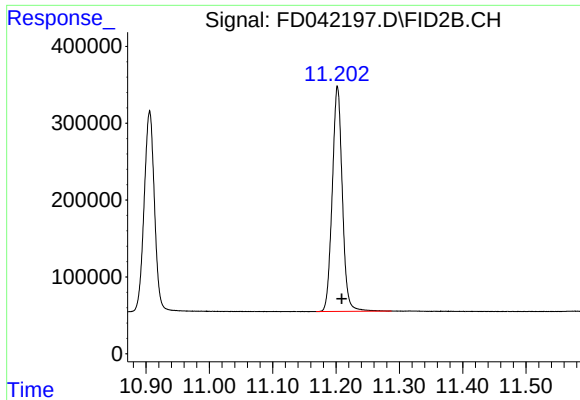
#7 n-Hexadecane (C16)

R.T.: 9.476 min
Delta R.T.: -0.007 min
Response: 2910088
Conc: 20.03 ug/ml



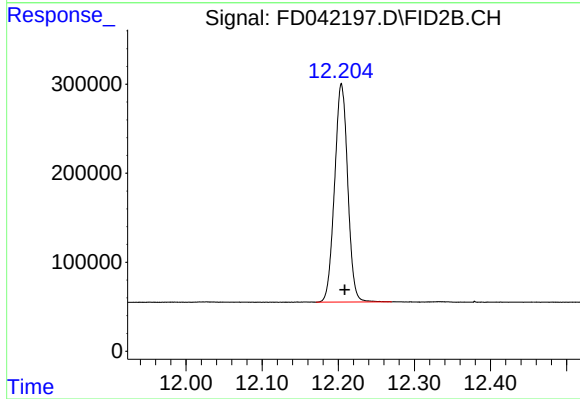
#8 n-Octadecane (C18)

R.T.: 10.906 min
Delta R.T.: -0.005 min
Response: 2946227
Conc: 19.66 ug/ml



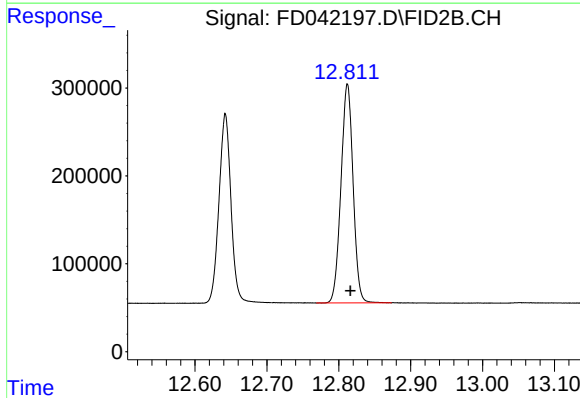
#9 ortho-Terphenyl (SURR)

R.T.: 11.202 min
Delta R.T.: -0.007 min
Response: 3236732
Conc: 19.30 ug/ml



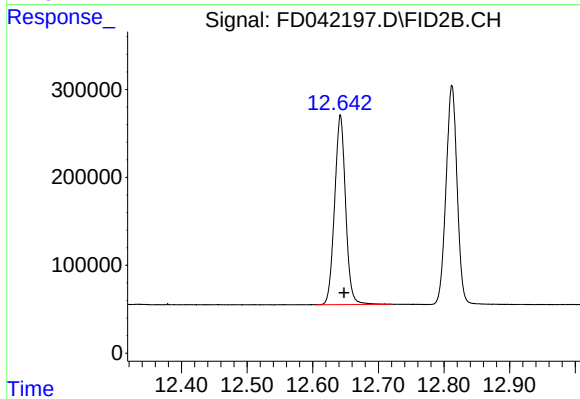
#10 n-Eicosane (C20)

R.T.: 12.204 min
Delta R.T.: -0.004 min
Response: 2947969
Conc: 19.26 ug/ml



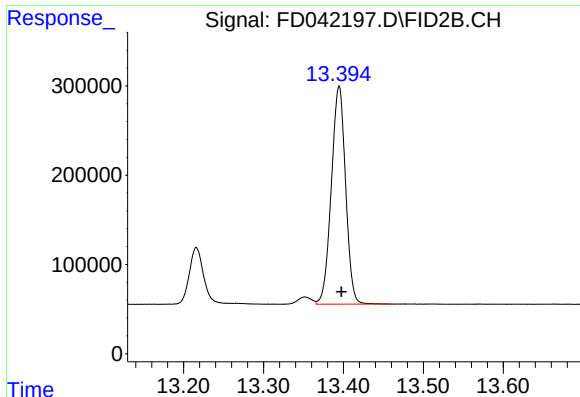
#11 n-Heneicosane (C21)

R.T.: 12.812 min
Delta R.T.: -0.004 min
Response: 2919233
Conc: 18.94 ug/ml



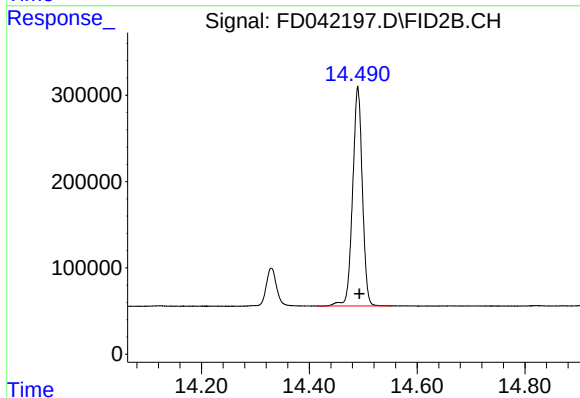
#12 1-chlorooctadecane (SURR)

R.T.: 12.642 min
Delta R.T.: -0.005 min
Response: 2507363
Conc: 19.00 ug/ml



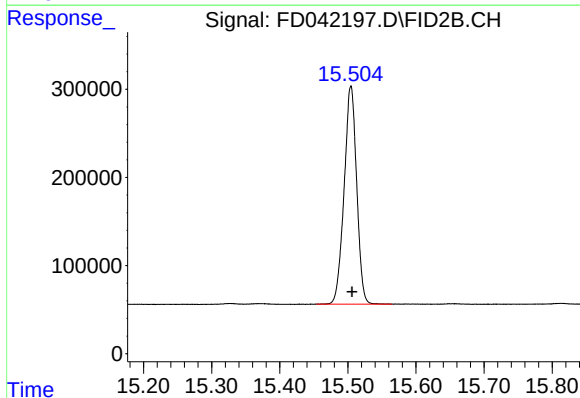
#13 n-Docosane (C22)

R.T.: 13.395 min
Delta R.T.: -0.003 min
Response: 3030770
Conc: 19.66 ug/ml



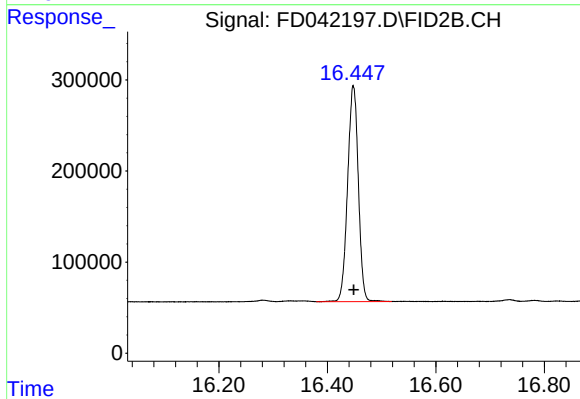
#14 n-Tetracosane (C24)

R.T.: 14.490 min
Delta R.T.: -0.003 min
Response: 3176969
Conc: 20.54 ug/ml



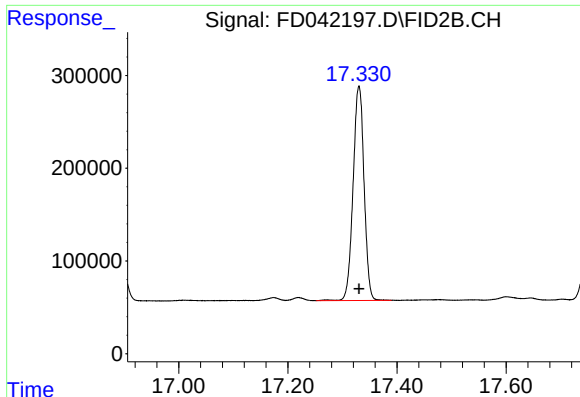
#15 n-Hexacosane (C26)

R.T.: 15.504 min
Delta R.T.: -0.002 min
Response: 3165238
Conc: 20.58 ug/ml



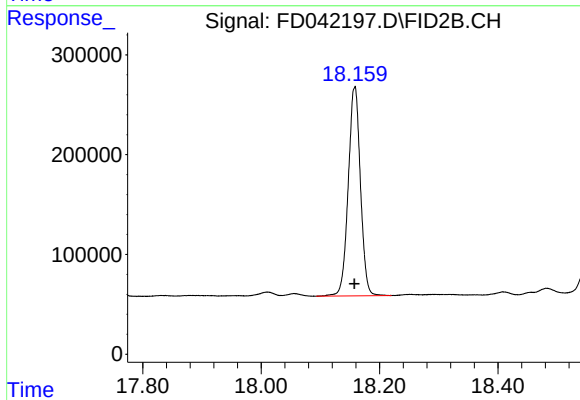
#16 n-Octacosane (C28)

R.T.: 16.448 min
Delta R.T.: 0.000 min
Response: 3251248
Conc: 21.27 ug/ml



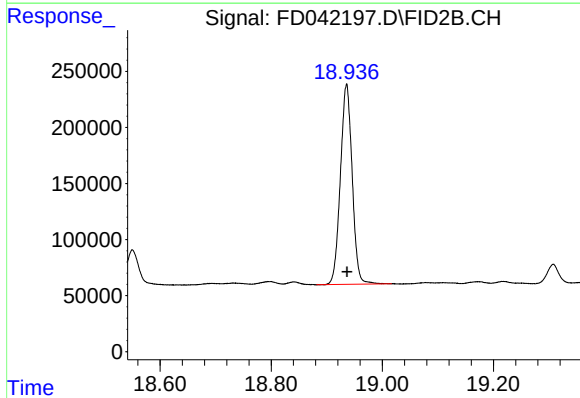
#17 n-Tricontane (C30)

R.T.: 17.330 min
Delta R.T.: 0.000 min
Response: 3225906
Conc: 21.51 ug/ml



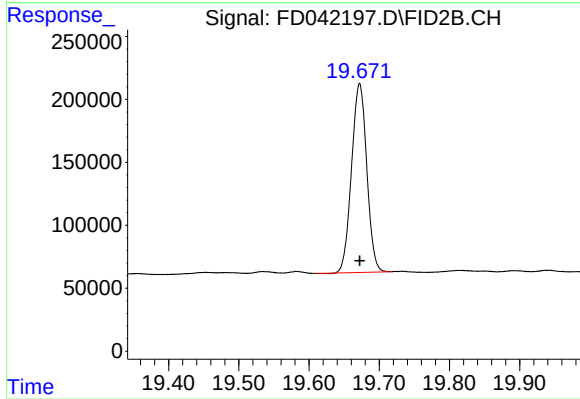
#18 n-Dotriacontane (C32)

R.T.: 18.158 min
Delta R.T.: 0.000 min
Response: 2997984
Conc: 21.20 ug/ml



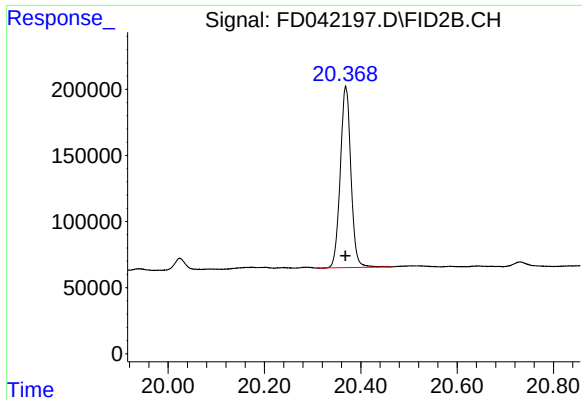
#19 n-Tetratriacontane (C34)

R.T.: 18.936 min
Delta R.T.: -0.001 min
Response: 2625849
Conc: 20.40 ug/ml



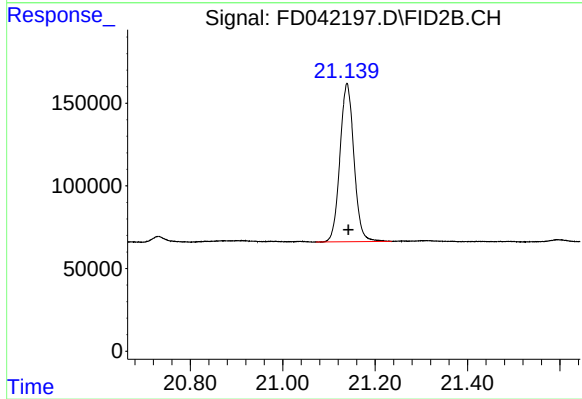
#20 n-Hexatriacontane (C36)

R.T.: 19.672 min
Delta R.T.: 0.000 min
Response: 2261532
Conc: 19.99 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.369 min
Delta R.T.: 0.000 min
Response: 2103377
Conc: 21.08 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.139 min
Delta R.T.: -0.003 min
Response: 2012163
Conc: 22.31 ug/ml