

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD051822AL\
 Data File : FD042525.D
 Signal(s) : FID2B.CH
 Acq On : 18 May 2022 10:19
 Operator : UA/NP
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: May 18 23:37:05 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	3399991	20.273 ug/ml
Spiked Amount 50.000		Recovery =	40.55%
12) S 1-chlorooctadecane (S...	12.641	2629272	19.925 ug/ml
Spiked Amount 50.000		Recovery =	39.85%
Target Compounds			
1) T n-Nonane (C9)	3.078	3041641	22.315 ug/ml
2) T n-Decane (C10)	4.122	3039240	22.679 ug/ml
3) T A~Naphthalene (C11.7)	5.672	3160044	21.800 ug/ml
4) T n-Dodecane (C12)	6.115	3162802	22.216 ug/ml
5) T A~2-methylnaphthalene...	6.717	3169570	22.745 ug/ml
6) T n-Tetradecane (C14)	7.890	3187623	22.378 ug/ml
7) T n-Hexadecane (C16)	9.475	3210860	22.095 ug/ml
8) T n-Octadecane (C18)	10.905	3214520	21.448 ug/ml
10) T n-Eicosane (C20)	12.203	3140666	20.519 ug/ml
11) T n-Heneicosane (C21)	12.811	3095027	20.076 ug/ml
13) T n-Docosane (C22)	13.393	3117972	20.228 ug/ml
14) T n-Tetracosane (C24)	14.489	3119904	20.173 ug/ml
15) T n-Hexacosane (C26)	15.503	3049948	19.828 ug/ml
16) T n-Octacosane (C28)	16.446	3071624	20.090 ug/ml
17) T n-Tricontane (C30)	17.328	3068233	20.455 ug/ml
18) T n-Dotriacontane (C32)	18.156	2893664	20.465 ug/ml
19) T n-Tetratriacontane (C34)	18.936	2677034	20.802 ug/ml
20) T n-Hexatriacontane (C36)	19.671	2411543	21.311 ug/ml
21) T n-Octatriacontane (C38)	20.367	2273631	22.787 ug/mlm
22) T n-Tetracontane (C40)	21.141	2166180	24.016 ug/mlm

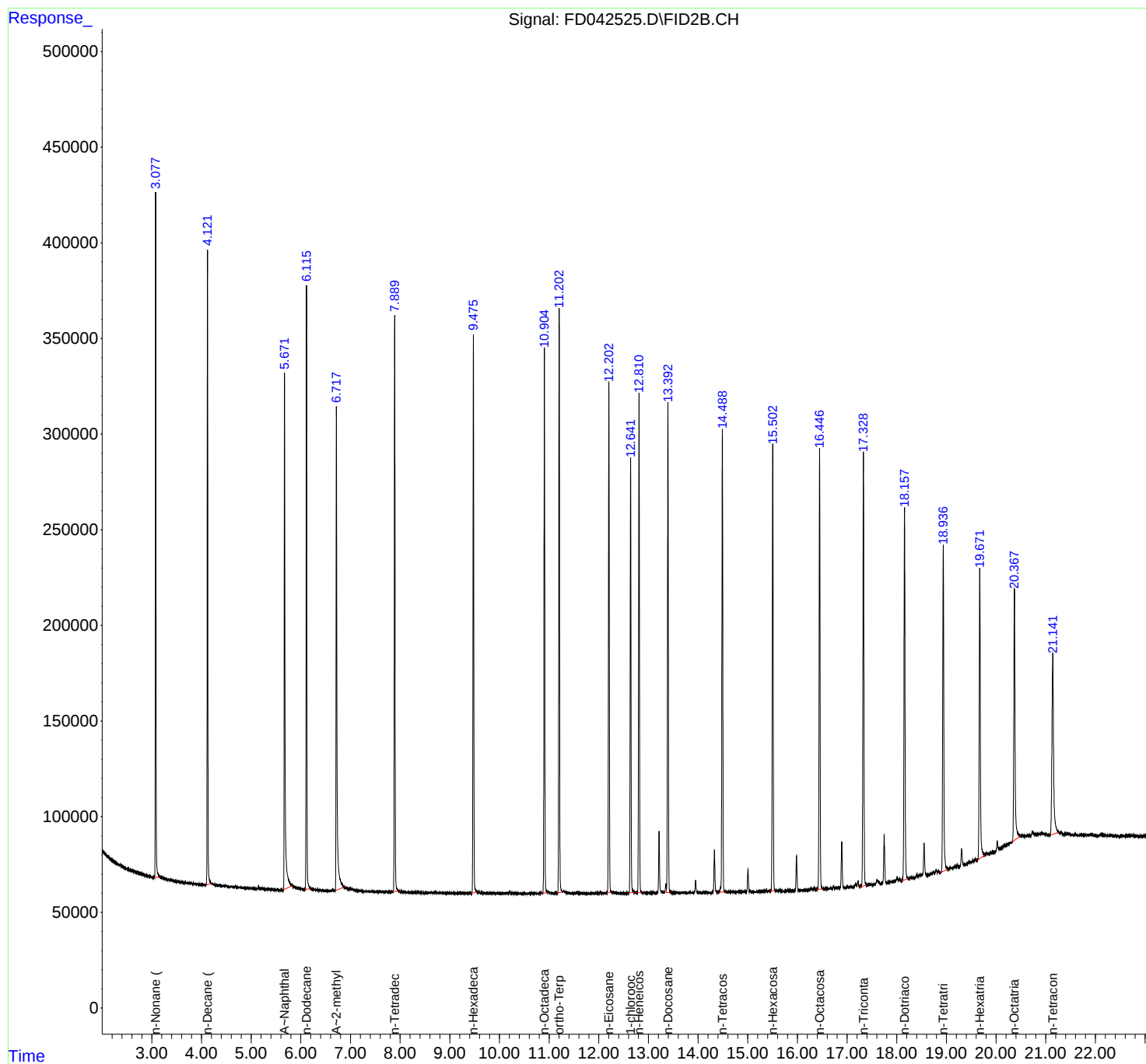
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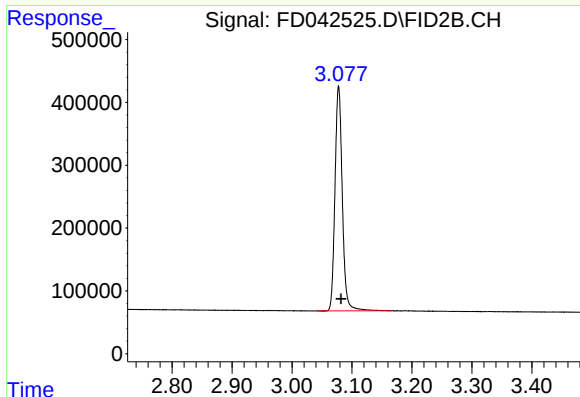
(m)=manual int.

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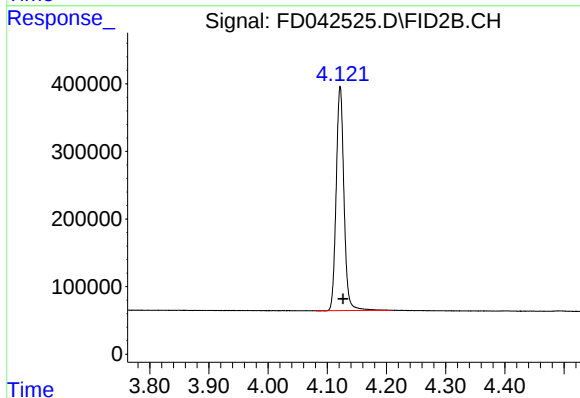
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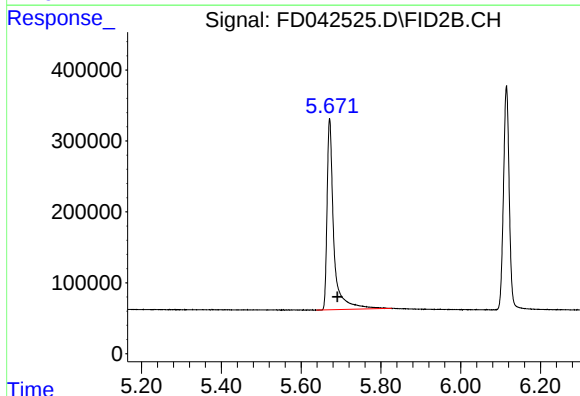
#1 n-Nonane (C9)

R.T.: 3.078 min
Delta R.T.: -0.004 min
Response: 3041641
Conc: 22.32 ug/ml



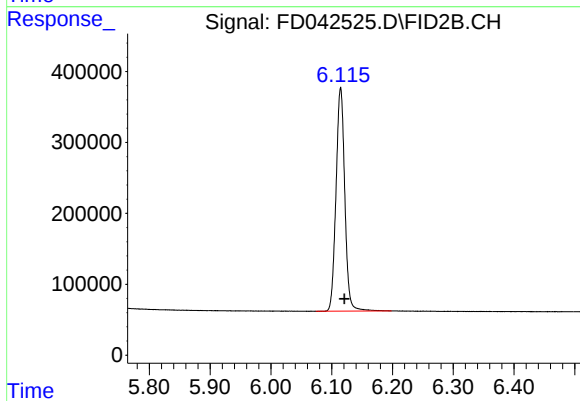
#2 n-Decane (C10)

R.T.: 4.122 min
Delta R.T.: -0.005 min
Response: 3039240
Conc: 22.68 ug/ml



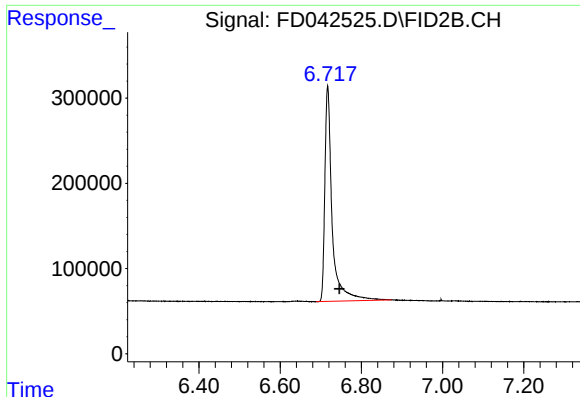
#3 A~Naphthalene (C11.7)

R.T.: 5.672 min
Delta R.T.: -0.020 min
Response: 3160044
Conc: 21.80 ug/ml



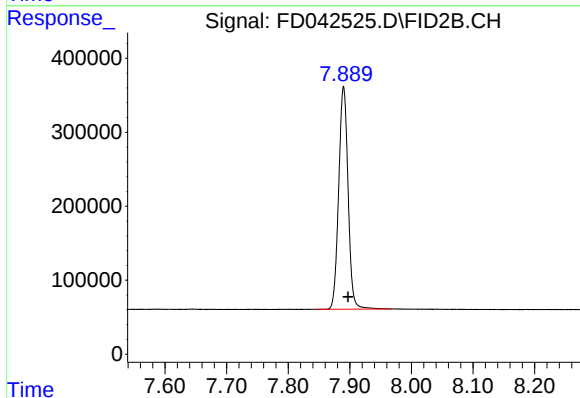
#4 n-Dodecane (C12)

R.T.: 6.115 min
Delta R.T.: -0.006 min
Response: 3162802
Conc: 22.22 ug/ml



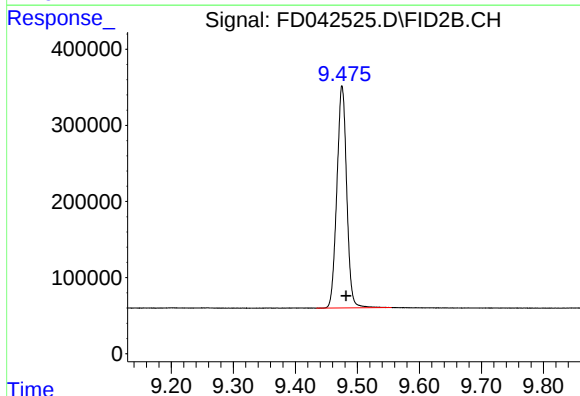
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.717 min
Delta R.T.: -0.029 min
Response: 3169570
Conc: 22.74 ug/ml



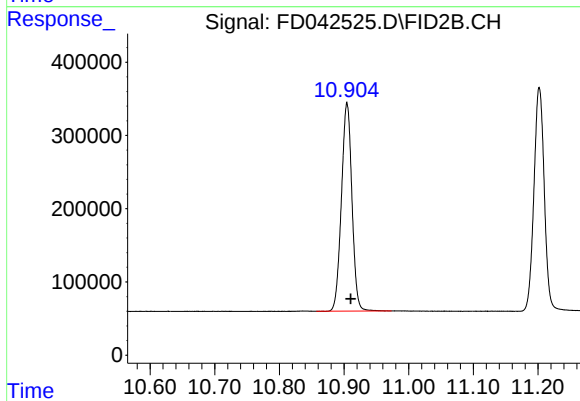
#6 n-Tetradecane (C14)

R.T.: 7.890 min
Delta R.T.: -0.007 min
Response: 3187623
Conc: 22.38 ug/ml



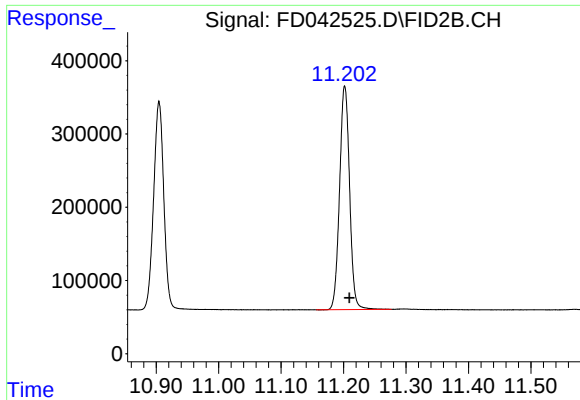
#7 n-Hexadecane (C16)

R.T.: 9.475 min
Delta R.T.: -0.007 min
Response: 3210860
Conc: 22.10 ug/ml



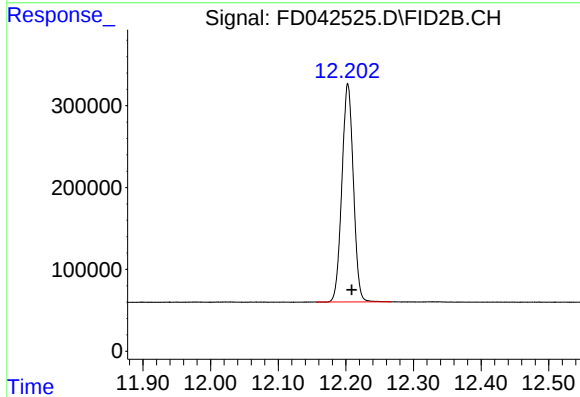
#8 n-Octadecane (C18)

R.T.: 10.905 min
Delta R.T.: -0.006 min
Response: 3214520
Conc: 21.45 ug/ml



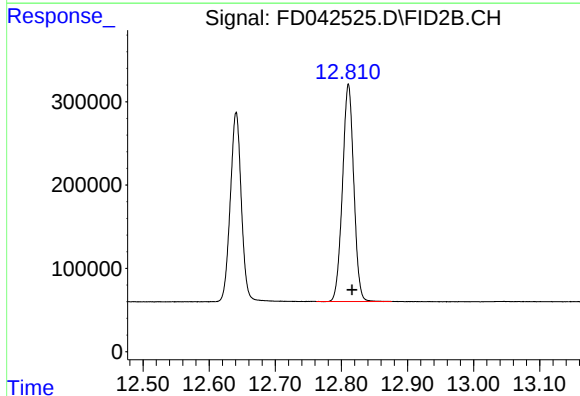
#9 ortho-Terphenyl (SURR)

R.T.: 11.202 min
Delta R.T.: -0.007 min
Response: 3399991
Conc: 20.27 ug/ml



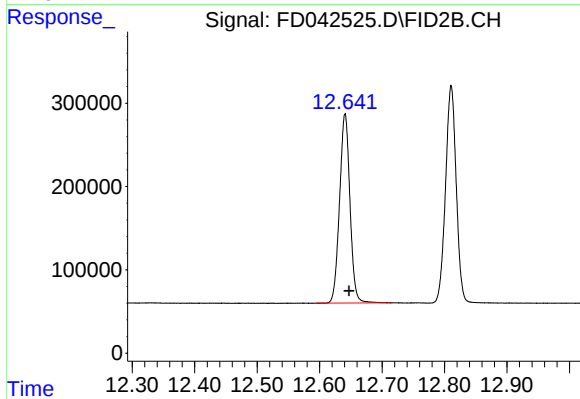
#10 n-Eicosane (C20)

R.T.: 12.203 min
Delta R.T.: -0.006 min
Response: 3140666
Conc: 20.52 ug/ml



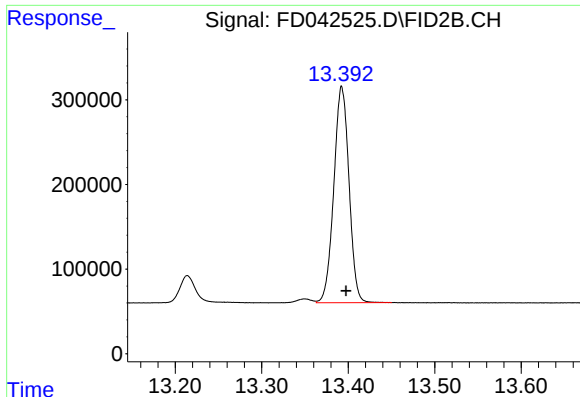
#11 n-Heneicosane (C21)

R.T.: 12.811 min
Delta R.T.: -0.005 min
Response: 3095027
Conc: 20.08 ug/ml



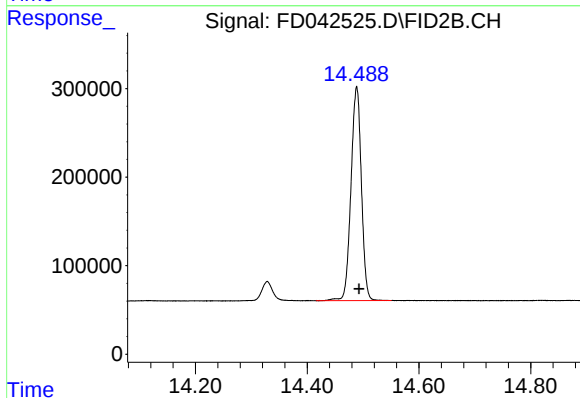
#12 1-chlorooctadecane (SURR)

R.T.: 12.641 min
Delta R.T.: -0.007 min
Response: 2629272
Conc: 19.92 ug/ml



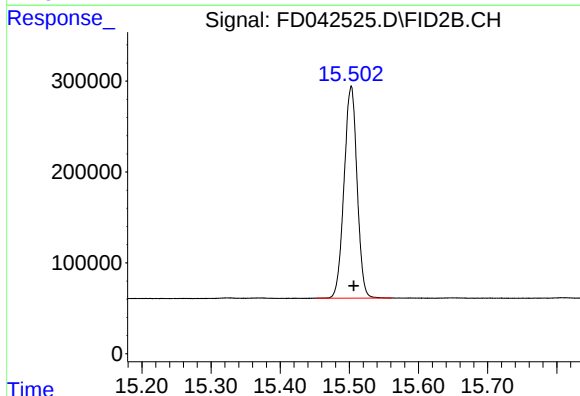
#13 n-Docosane (C22)

R.T.: 13.393 min
Delta R.T.: -0.005 min
Response: 3117972
Conc: 20.23 ug/ml



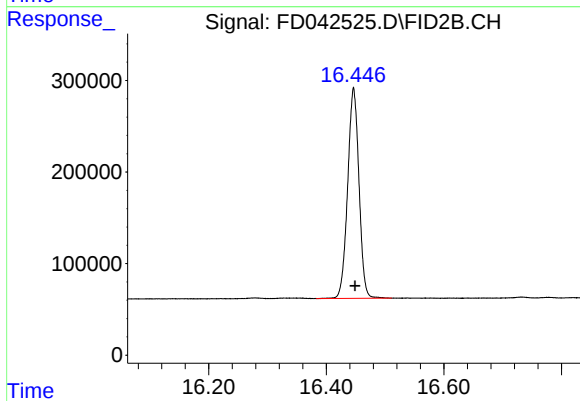
#14 n-Tetracosane (C24)

R.T.: 14.489 min
Delta R.T.: -0.004 min
Response: 3119904
Conc: 20.17 ug/ml



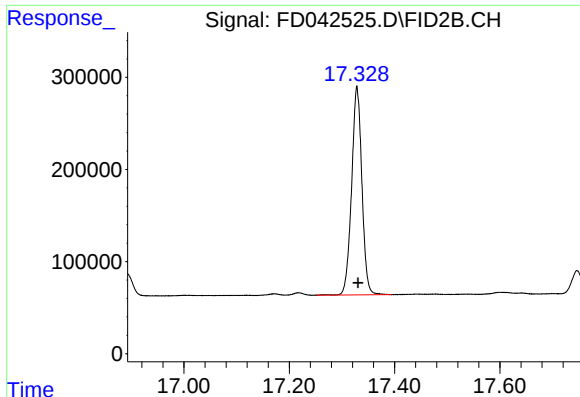
#15 n-Hexacosane (C26)

R.T.: 15.503 min
Delta R.T.: -0.004 min
Response: 3049948
Conc: 19.83 ug/ml



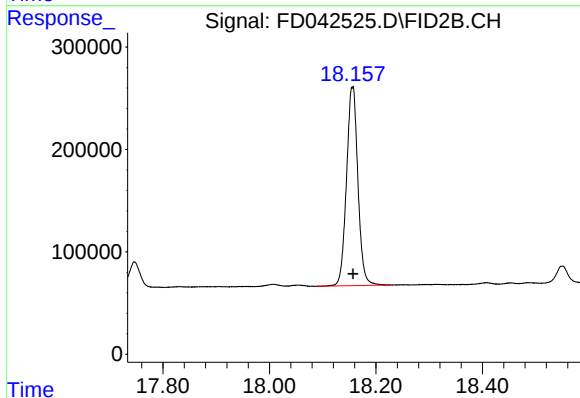
#16 n-Octacosane (C28)

R.T.: 16.446 min
Delta R.T.: -0.002 min
Response: 3071624
Conc: 20.09 ug/ml



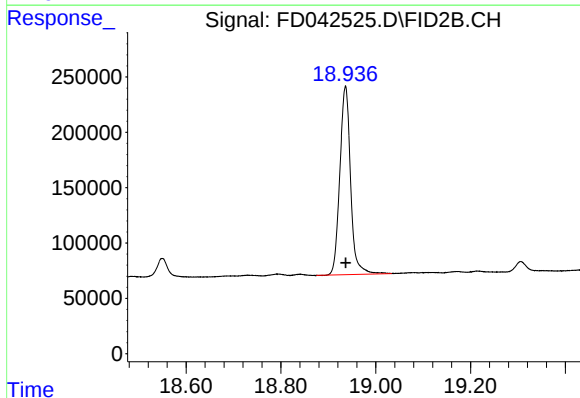
#17 n-Tricontane (C30)

R.T.: 17.328 min
Delta R.T.: -0.002 min
Response: 3068233
Conc: 20.46 ug/ml



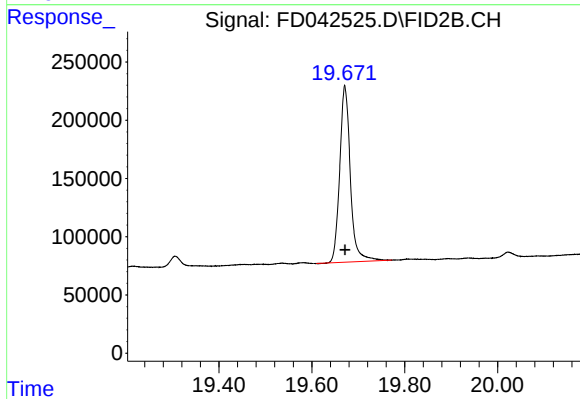
#18 n-Dotriacontane (C32)

R.T.: 18.156 min
Delta R.T.: -0.001 min
Response: 2893664
Conc: 20.46 ug/ml



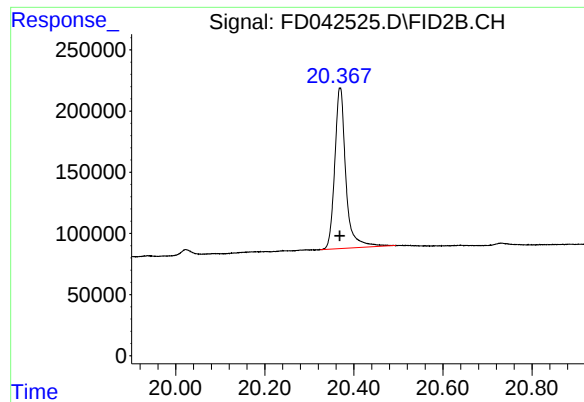
#19 n-Tetratriacontane (C34)

R.T.: 18.936 min
Delta R.T.: 0.000 min
Response: 2677034
Conc: 20.80 ug/ml



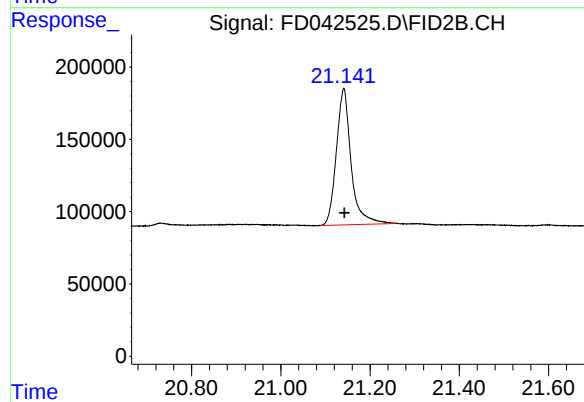
#20 n-Hexatriacontane (C36)

R.T.: 19.671 min
Delta R.T.: 0.000 min
Response: 2411543
Conc: 21.31 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.367 min
Delta R.T.: -0.001 min
Response: 2273631
Conc: 22.79 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.141 min
Delta R.T.: -0.001 min
Response: 2166180
Conc: 24.02 ug/ml m