

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD062122AL\
 Data File : FD043005.D
 Signal(s) : FID2B.CH
 Acq On : 22 Jun 2022 1:30
 Operator : UA/NP
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jun 22 05:24:20 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 052722.M
 Quant Title : GC Extractables
 QLast Update : Sat May 28 07:55:57 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)	11.567	3064187	18.450 ug/ml
Spiked Amount 50.000		Recovery =	36.90%
12) S 1-chlorooctadecane (S...	13.004	2343933	17.947 ug/ml
Spiked Amount 50.000		Recovery =	35.89%
Target Compounds			
1) T n-Nonane (C9)	3.332	2799133	20.206 ug/ml
2) T n-Decane (C10)	4.401	2786295	20.178 ug/ml
3) T A~Naphthalene (C11.7)	5.985	3186781	20.258 ug/ml
4) T n-Dodecane (C12)	6.419	2871735	20.265 ug/ml
5) T A~2-methylnaphthalene...	7.041	3227865	20.161 ug/ml
6) T n-Tetradecane (C14)	8.212	2903054	20.158 ug/ml
7) T n-Hexadecane (C16)	9.811	2959117	20.061 ug/ml
8) T n-Octadecane (C18)	11.252	2924629	19.431 ug/ml
10) T n-Eicosane (C20)	12.560	2816680	18.731 ug/ml
11) T n-Heneicosane (C21)	13.171	2770944	18.304 ug/ml
13) T n-Docosane (C22)	13.757	2708625	17.919 ug/ml
14) T n-Tetracosane (C24)	14.858	2616460	17.434 ug/ml
15) T n-Hexacosane (C26)	15.878	2487573	17.062 ug/ml
16) T n-Octacosane (C28)	16.826	2441279	17.504 ug/ml
17) T n-Tricontane (C30)	17.713	2386947	18.257 ug/ml
18) T n-Dotriacontane (C32)	18.542	2306262	19.532 ug/mlm
19) T n-Tetratriacontane (C34)	19.327	2205515	20.747 ug/mlm
20) T n-Hexatriacontane (C36)	20.064	2393684	24.481 ug/mlm
21) T n-Octatriacontane (C38)	20.796	2202756	24.150 ug/ml
22) T n-Tetracontane (C40)	21.695	2003723	24.727 ug/mlm

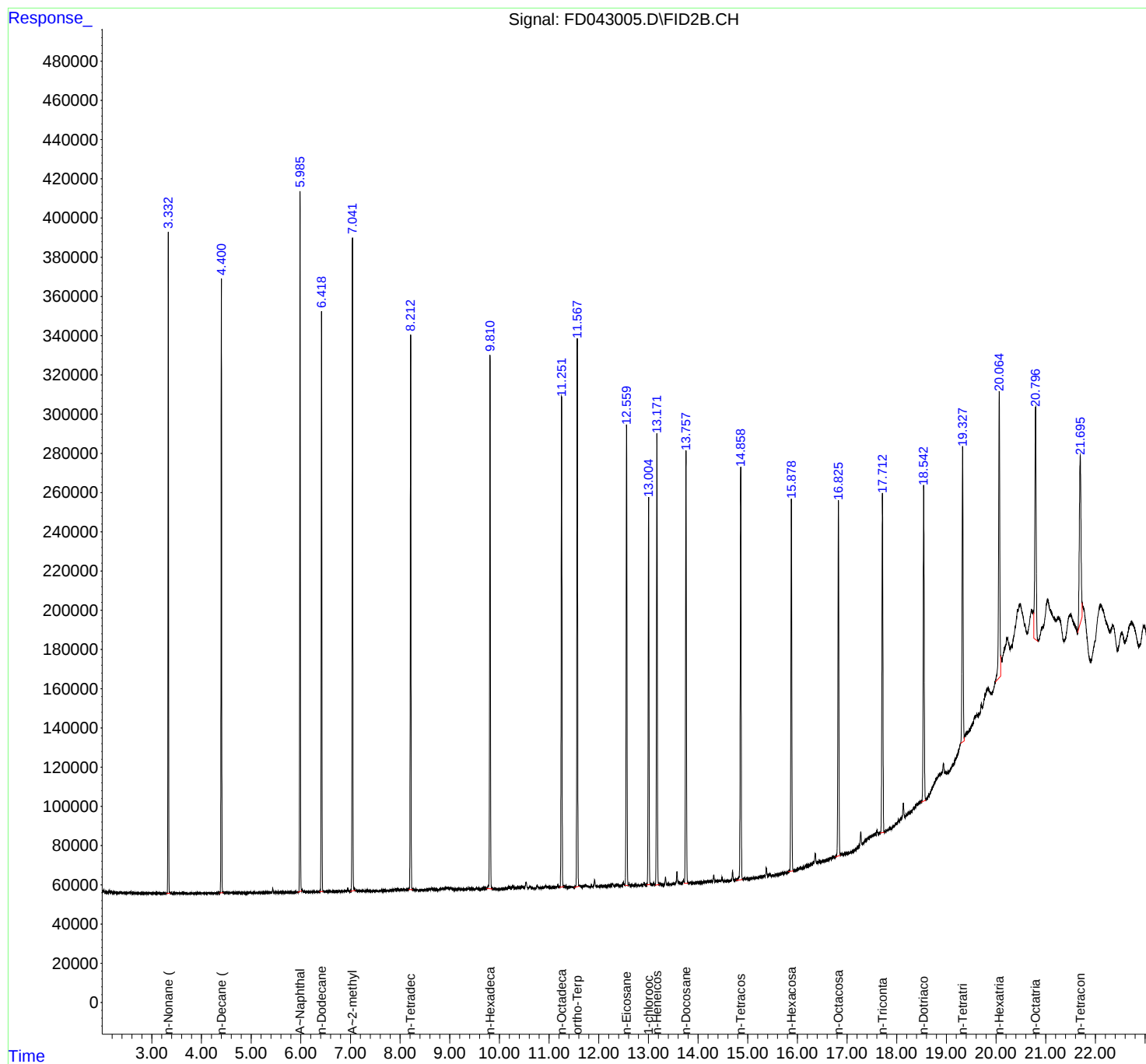
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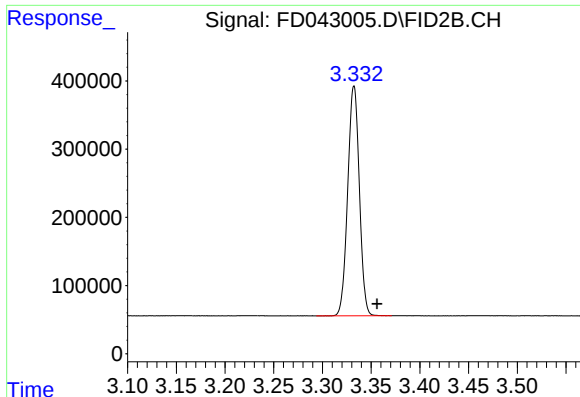
(m)=manual int.

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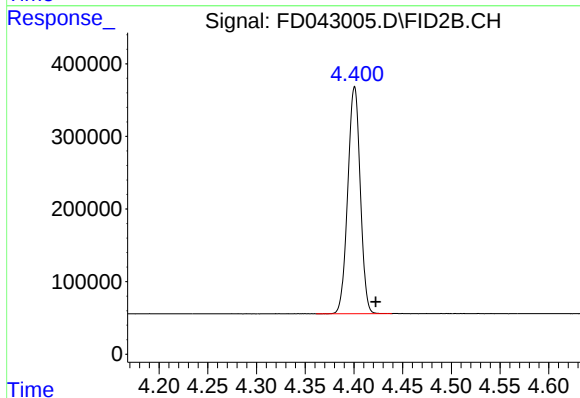
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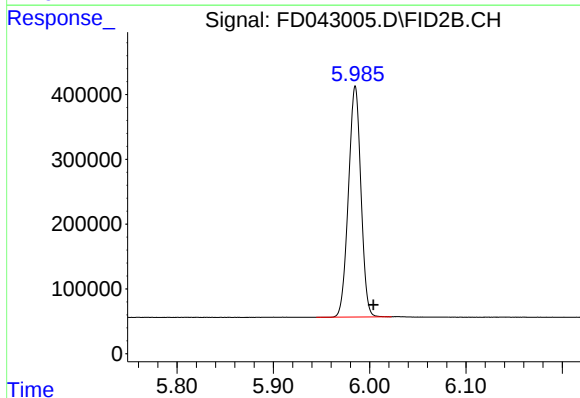
#1 n-Nonane (C9)

R.T.: 3.332 min
Delta R.T.: -0.024 min
Response: 2799133
Conc: 20.21 ug/ml



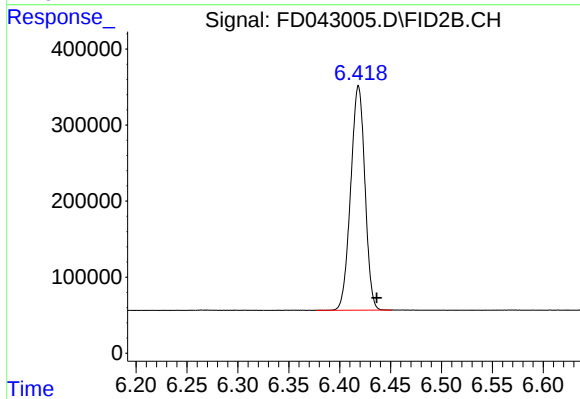
#2 n-Decane (C10)

R.T.: 4.401 min
Delta R.T.: -0.022 min
Response: 2786295
Conc: 20.18 ug/ml



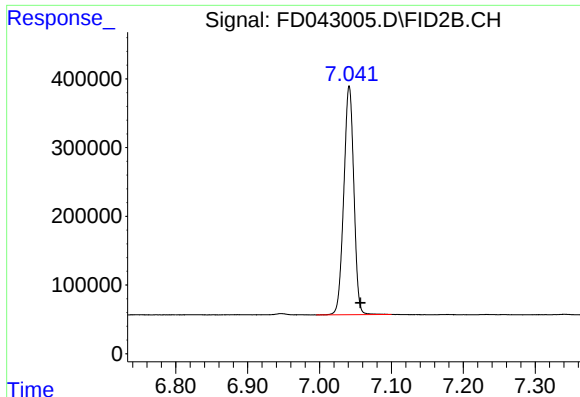
#3 A~Naphthalene (C11.7)

R.T.: 5.985 min
Delta R.T.: -0.019 min
Response: 3186781
Conc: 20.26 ug/ml



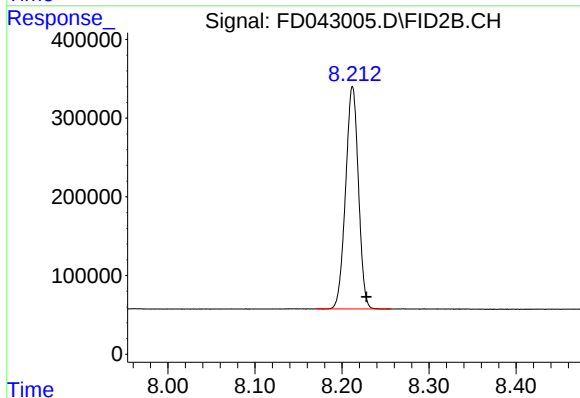
#4 n-Dodecane (C12)

R.T.: 6.419 min
Delta R.T.: -0.018 min
Response: 2871735
Conc: 20.27 ug/ml



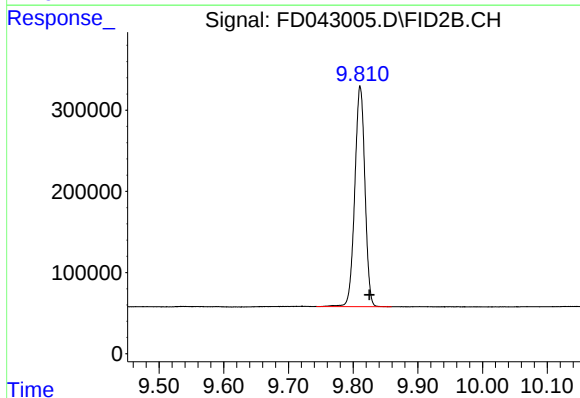
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.041 min
Delta R.T.: -0.015 min
Response: 3227865
Conc: 20.16 ug/ml



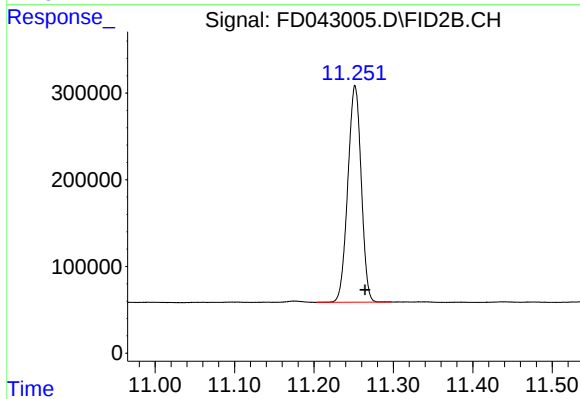
#6 n-Tetradecane (C14)

R.T.: 8.212 min
Delta R.T.: -0.016 min
Response: 2903054
Conc: 20.16 ug/ml



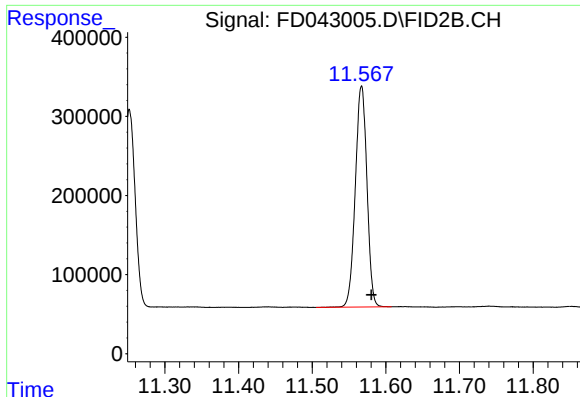
#7 n-Hexadecane (C16)

R.T.: 9.811 min
Delta R.T.: -0.014 min
Response: 2959117
Conc: 20.06 ug/ml



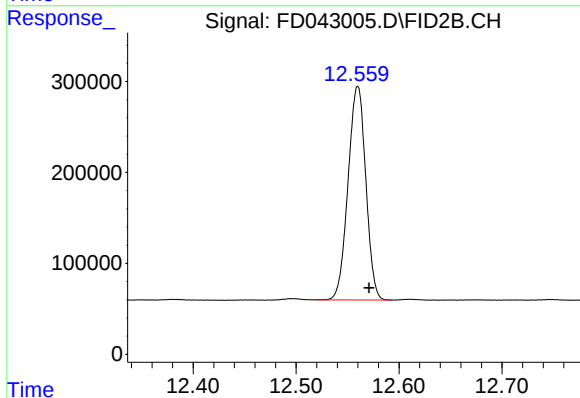
#8 n-Octadecane (C18)

R.T.: 11.252 min
Delta R.T.: -0.012 min
Response: 2924629
Conc: 19.43 ug/ml



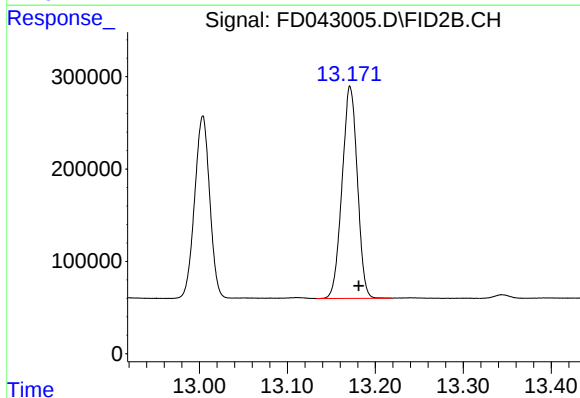
#9 ortho-Terphenyl (SURR)

R.T.: 11.567 min
Delta R.T.: -0.014 min
Response: 3064187
Conc: 18.45 ug/ml



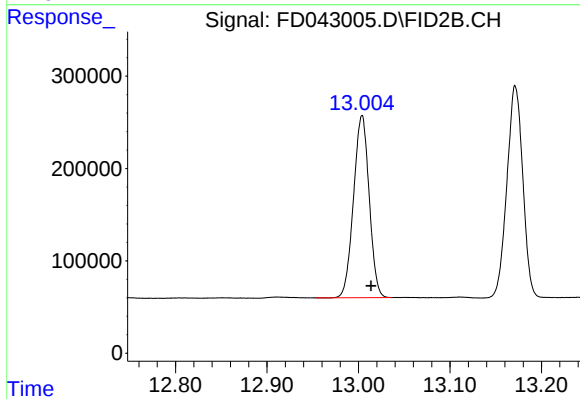
#10 n-Eicosane (C20)

R.T.: 12.560 min
Delta R.T.: -0.011 min
Response: 2816680
Conc: 18.73 ug/ml



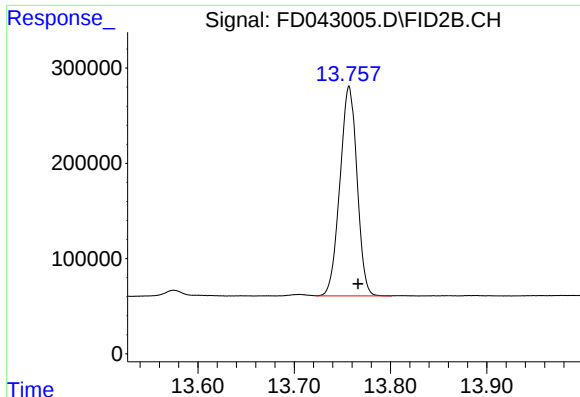
#11 n-Heneicosane (C21)

R.T.: 13.171 min
Delta R.T.: -0.010 min
Response: 2770944
Conc: 18.30 ug/ml



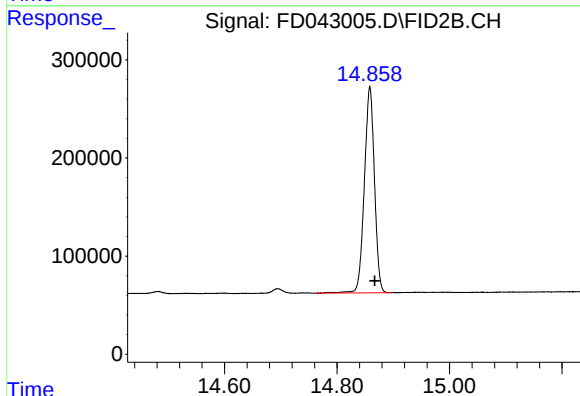
#12 1-chlorooctadecane (SURR)

R.T.: 13.004 min
Delta R.T.: -0.010 min
Response: 2343933
Conc: 17.95 ug/ml



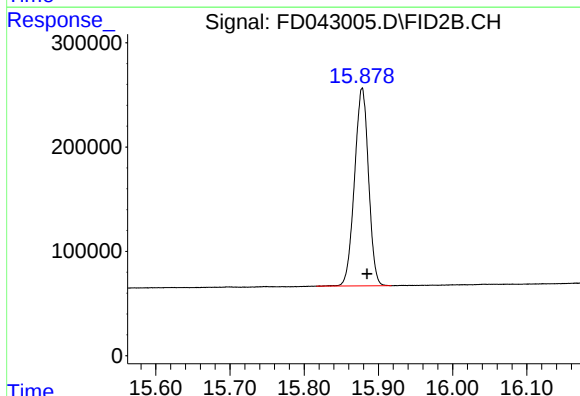
#13 n-Docosane (C22)

R.T.: 13.757 min
Delta R.T.: -0.009 min
Response: 2708625
Conc: 17.92 ug/ml



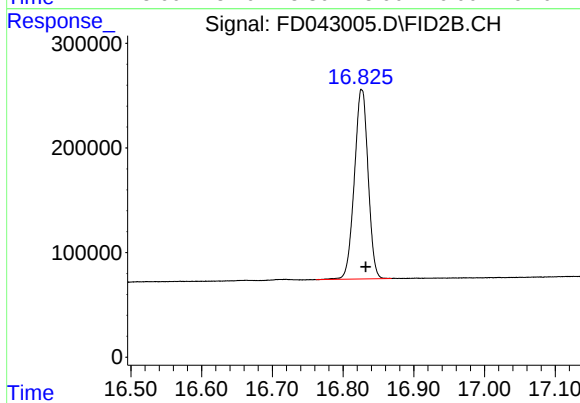
#14 n-Tetracosane (C24)

R.T.: 14.858 min
Delta R.T.: -0.009 min
Response: 2616460
Conc: 17.43 ug/ml



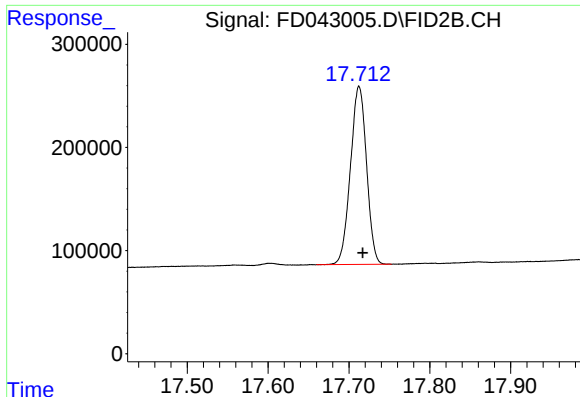
#15 n-Hexacosane (C26)

R.T.: 15.878 min
Delta R.T.: -0.007 min
Response: 2487573
Conc: 17.06 ug/ml



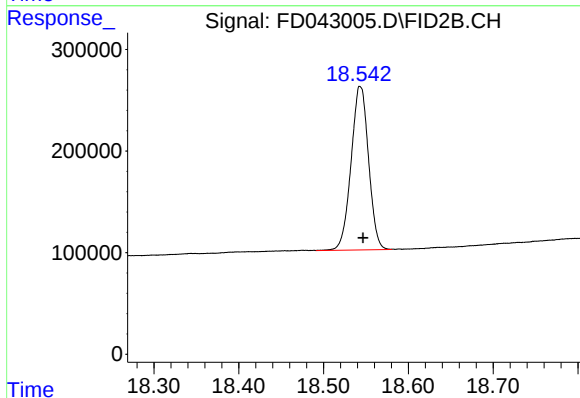
#16 n-Octacosane (C28)

R.T.: 16.826 min
Delta R.T.: -0.006 min
Response: 2441279
Conc: 17.50 ug/ml



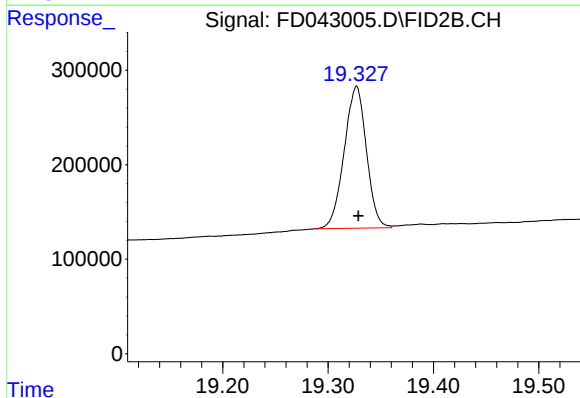
#17 n-Tricontane (C30)

R.T.: 17.713 min
Delta R.T.: -0.004 min
Response: 2386947
Conc: 18.26 ug/ml



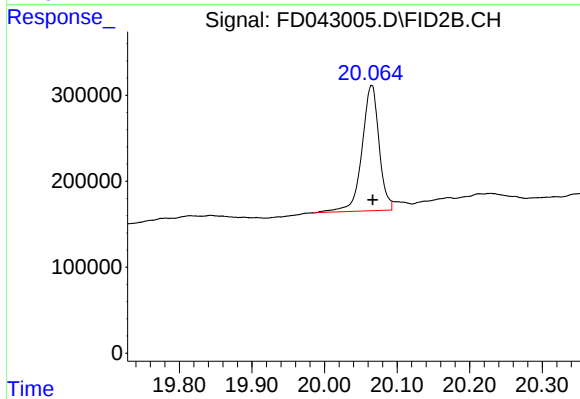
#18 n-Dotriacontane (C32)

R.T.: 18.542 min
Delta R.T.: -0.005 min
Response: 2306262
Conc: 19.53 ug/ml m



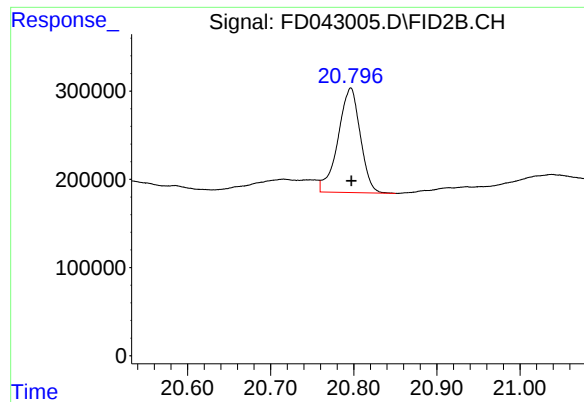
#19 n-Tetratriacontane (C34)

R.T.: 19.327 min
Delta R.T.: -0.002 min
Response: 2205515
Conc: 20.75 ug/ml m



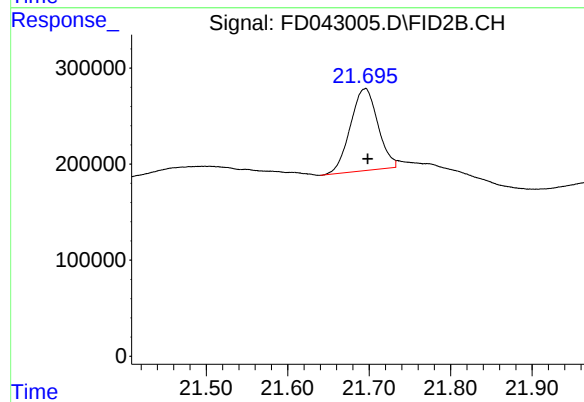
#20 n-Hexatriacontane (C36)

R.T.: 20.064 min
Delta R.T.: -0.003 min
Response: 2393684
Conc: 24.48 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.796 min
Delta R.T.: 0.000 min
Response: 2202756
Conc: 24.15 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.695 min
Delta R.T.: -0.003 min
Response: 2003723
Conc: 24.73 ug/ml m