

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD012822AL\
 Data File : FD040841.D
 Signal(s) : FID2B.CH
 Acq On : 29 Jan 2022 6:04
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jan 29 06:21:48 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 010422.M
 Quant Title : GC Extractables
 QLast Update : Wed Jan 05 07:08:39 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)	10.608	2898089	18.796 ug/ml
Spiked Amount 50.000		Recovery =	37.59%
12) S 1-chlorooctadecane (S...	12.046	2194817	18.647 ug/ml
Spiked Amount 50.000		Recovery =	37.29%
Target Compounds			
1) T n-Nonane (C9)	2.562	2661055	20.728 ug/ml
2) T n-Decane (C10)	3.547	2687759	20.873 ug/ml
3) T A~Naphthalene (C11.7)	5.077	2950454	20.767 ug/ml
4) T n-Dodecane (C12)	5.514	2705495	21.167 ug/ml
5) T A~2-methylnaphthalene...	6.117	2944505	20.872 ug/ml
6) T n-Tetradecane (C14)	7.291	2737356	21.131 ug/ml
7) T n-Hexadecane (C16)	8.877	2712806	20.822 ug/ml
8) T n-Octadecane (C18)	10.309	2711744	20.013 ug/ml
10) T n-Eicosane (C20)	11.609	2607921	19.173 ug/ml
11) T n-Heneicosane (C21)	12.217	2575440	18.599 ug/ml
13) T n-Docosane (C22)	12.800	2562201	18.582 ug/ml
14) T n-Tetracosane (C24)	13.897	2559551	18.305 ug/ml
15) T n-Hexacosane (C26)	14.912	2531430	18.364 ug/ml
16) T n-Octacosane (C28)	15.857	2612215	19.252 ug/ml
17) T n-Tricontane (C30)	16.740	2694382	20.672 ug/ml
18) T n-Dotriacontane (C32)	17.569	2575660	21.546 ug/ml
19) T n-Tetratriacontane (C34)	18.349	2357939	22.394 ug/ml
20) T n-Hexatriacontane (C36)	19.086	2139425	21.113 ug/ml
21) T n-Octatriacontane (C38)	19.785	2071551	23.186 ug/mlm
22) T n-Tetracontane (C40)	20.581	2110257	24.687 ug/mlm

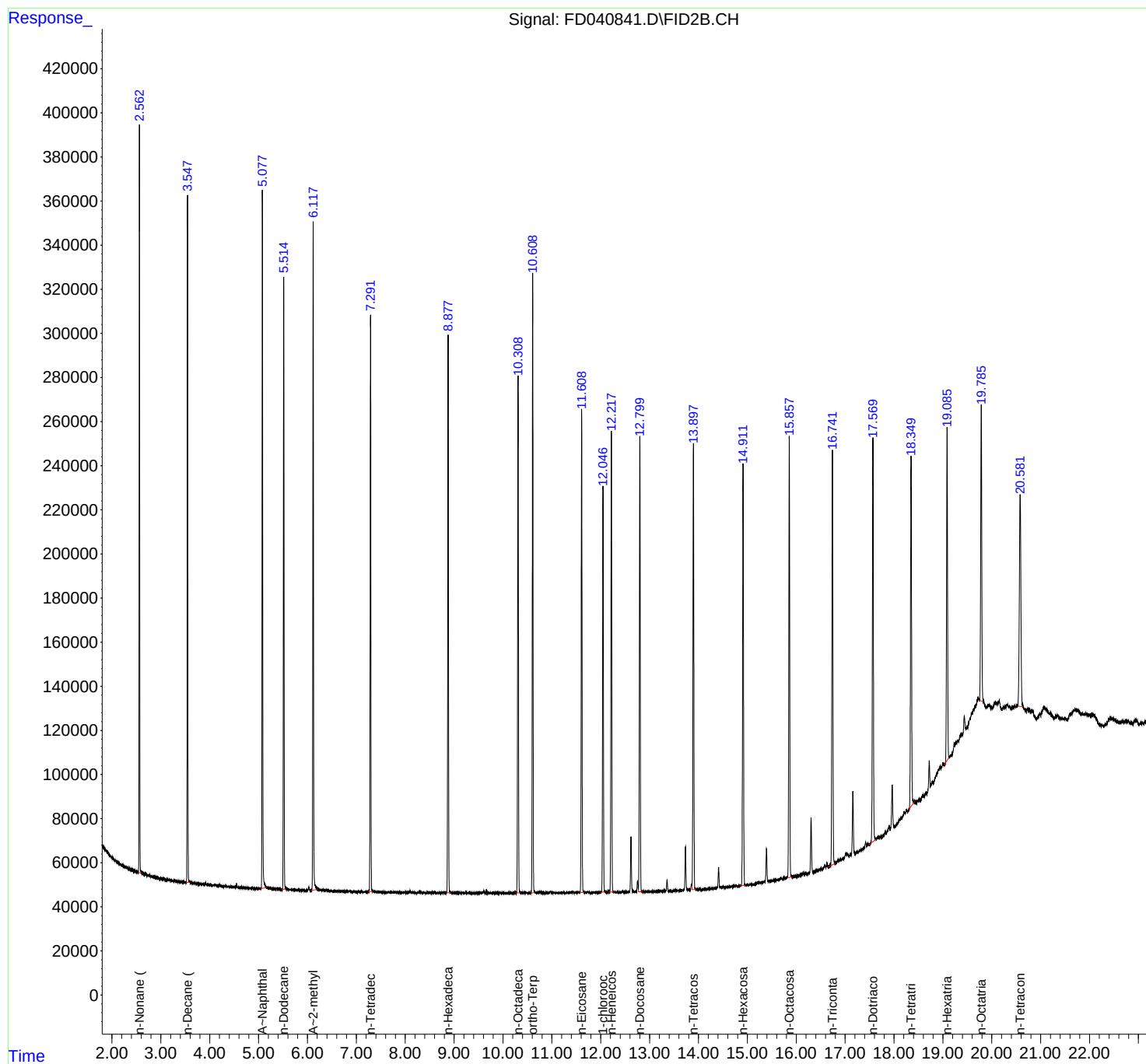
(f)=RT Delta > 1/2 Window

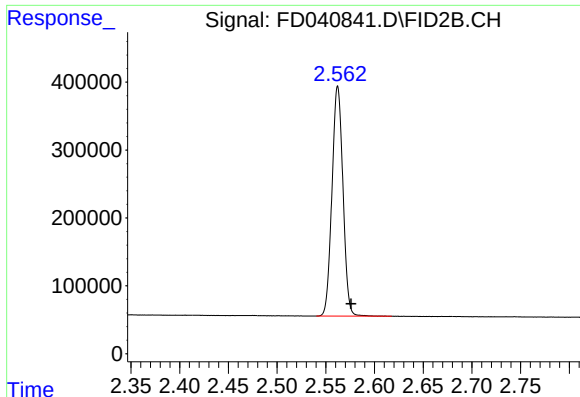
(m)=manual int.

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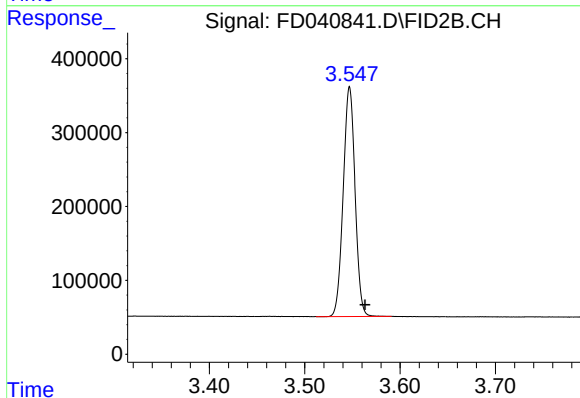
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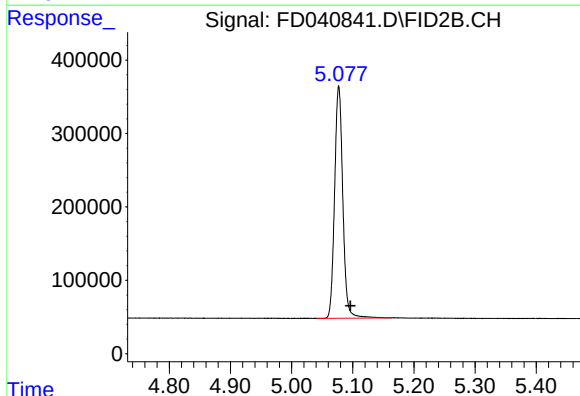
#1 n-Nonane (C9)

R.T.: 2.562 min
Delta R.T.: -0.014 min
Response: 2661055
Conc: 20.73 ug/ml



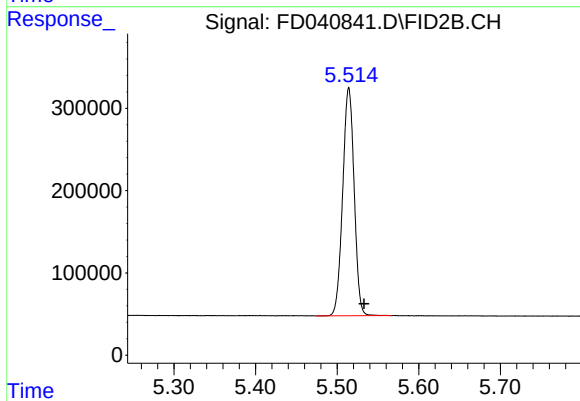
#2 n-Decane (C10)

R.T.: 3.547 min
Delta R.T.: -0.016 min
Response: 2687759
Conc: 20.87 ug/ml



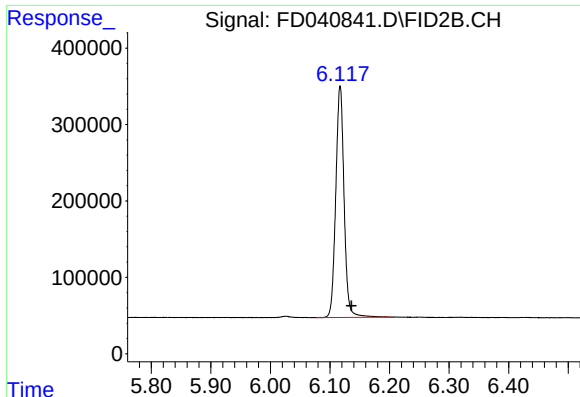
#3 A~Naphthalene (C11.7)

R.T.: 5.077 min
Delta R.T.: -0.019 min
Response: 2950454
Conc: 20.77 ug/ml



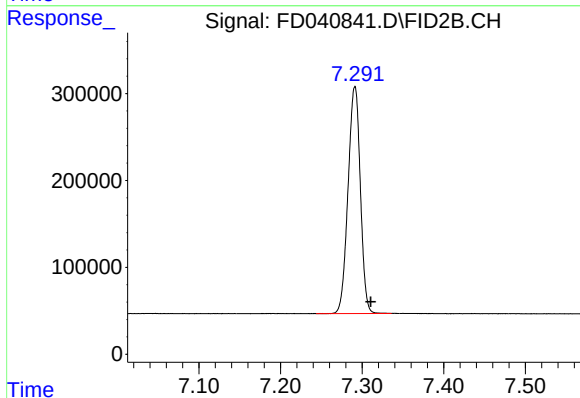
#4 n-Dodecane (C12)

R.T.: 5.514 min
Delta R.T.: -0.019 min
Response: 2705495
Conc: 21.17 ug/ml



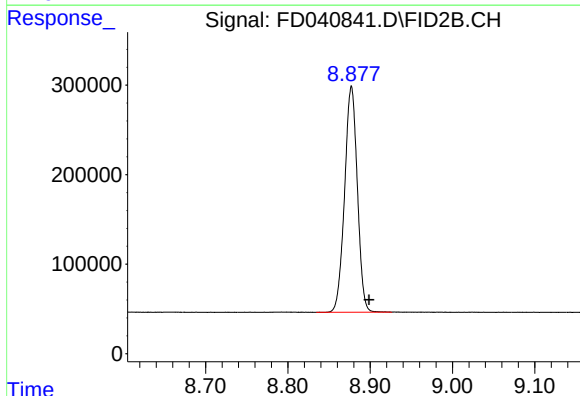
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.117 min
Delta R.T.: -0.019 min
Response: 2944505
Conc: 20.87 ug/ml



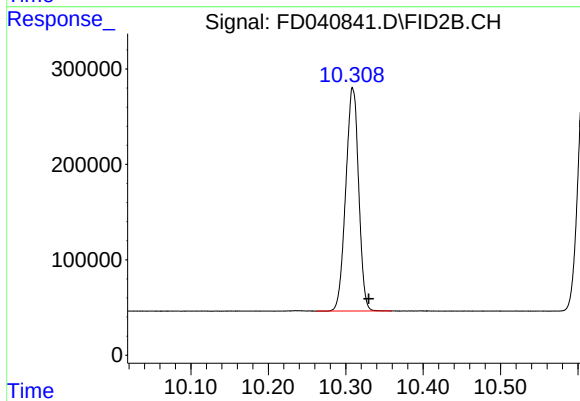
#6 n-Tetradecane (C14)

R.T.: 7.291 min
Delta R.T.: -0.020 min
Response: 2737356
Conc: 21.13 ug/ml



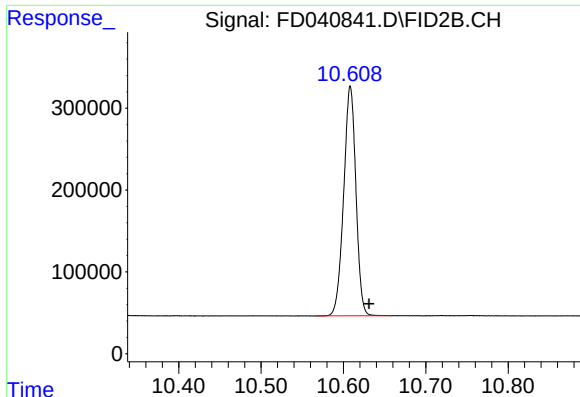
#7 n-Hexadecane (C16)

R.T.: 8.877 min
Delta R.T.: -0.021 min
Response: 2712806
Conc: 20.82 ug/ml



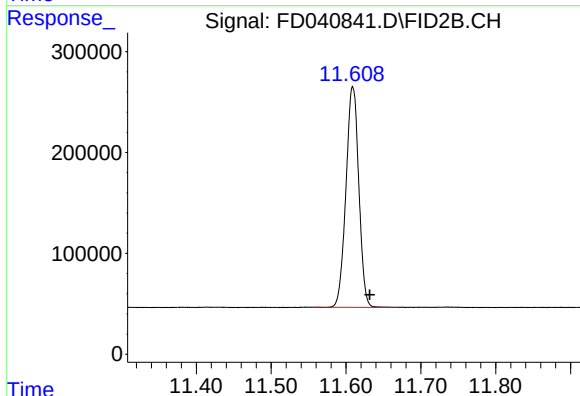
#8 n-Octadecane (C18)

R.T.: 10.309 min
Delta R.T.: -0.021 min
Response: 2711744
Conc: 20.01 ug/ml



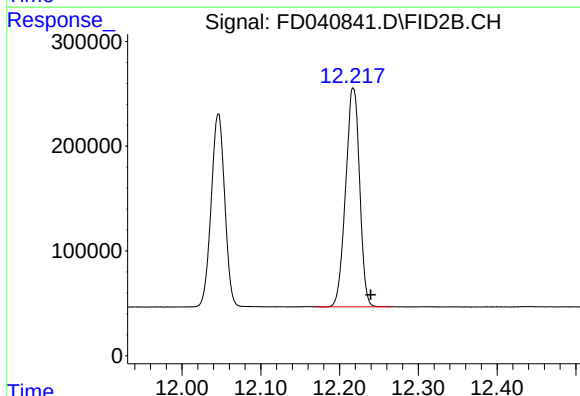
#9 ortho-Terphenyl (SURR)

R.T.: 10.608 min
Delta R.T.: -0.023 min
Response: 2898089
Conc: 18.80 ug/ml



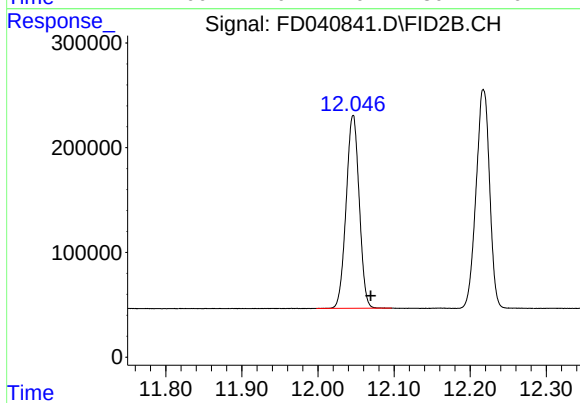
#10 n-Eicosane (C20)

R.T.: 11.609 min
Delta R.T.: -0.023 min
Response: 2607921
Conc: 19.17 ug/ml



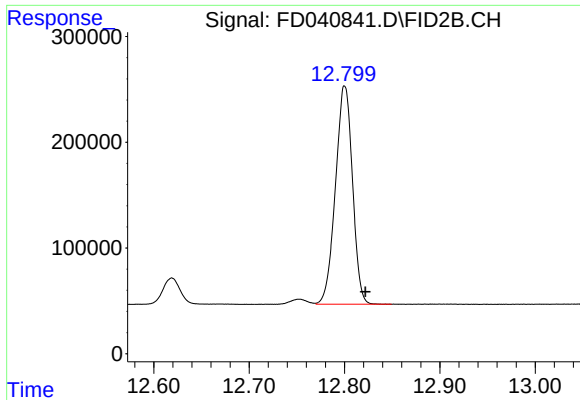
#11 n-Heneicosane (C21)

R.T.: 12.217 min
Delta R.T.: -0.022 min
Response: 2575440
Conc: 18.60 ug/ml



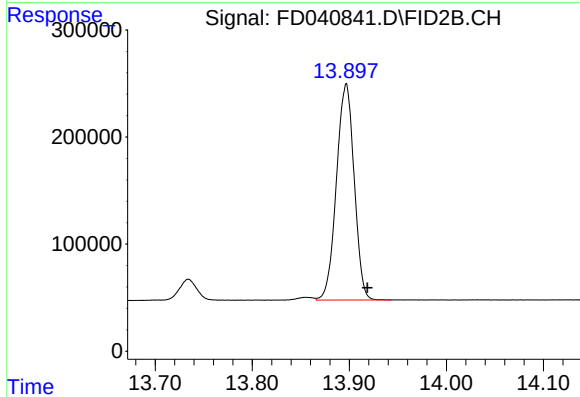
#12 1-chlorooctadecane (SURR)

R.T.: 12.046 min
Delta R.T.: -0.023 min
Response: 2194817
Conc: 18.65 ug/ml



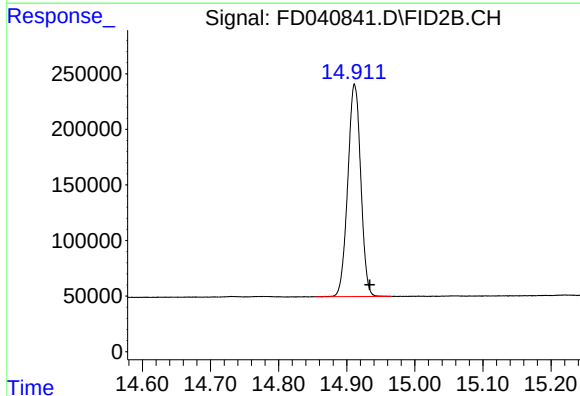
#13 n-Docosane (C22)

R.T.: 12.800 min
Delta R.T.: -0.022 min
Response: 2562201
Conc: 18.58 ug/ml



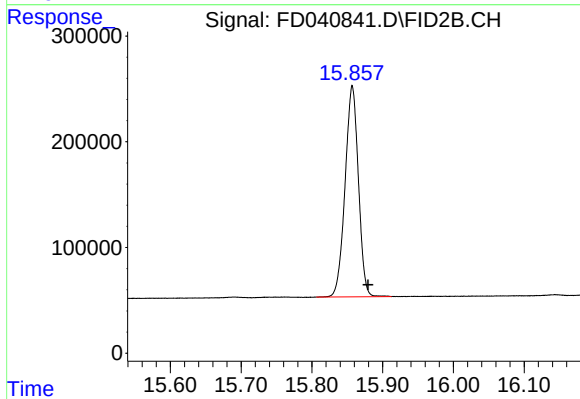
#14 n-Tetracosane (C24)

R.T.: 13.897 min
Delta R.T.: -0.022 min
Response: 2559551
Conc: 18.31 ug/ml



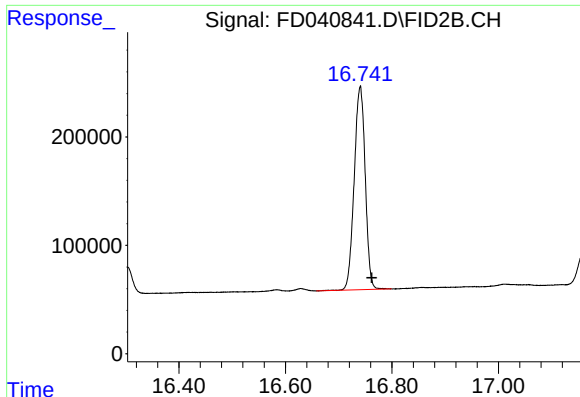
#15 n-Hexacosane (C26)

R.T.: 14.912 min
Delta R.T.: -0.022 min
Response: 2531430
Conc: 18.36 ug/ml



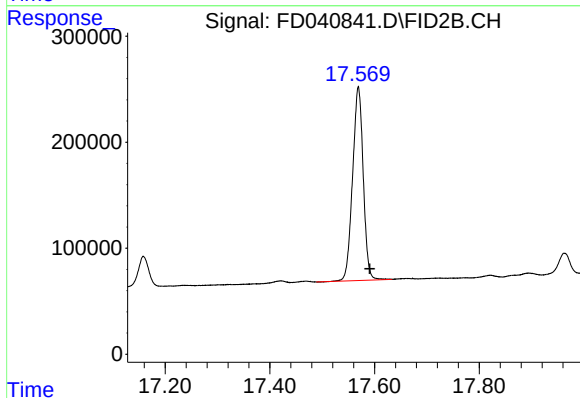
#16 n-Octacosane (C28)

R.T.: 15.857 min
Delta R.T.: -0.022 min
Response: 2612215
Conc: 19.25 ug/ml



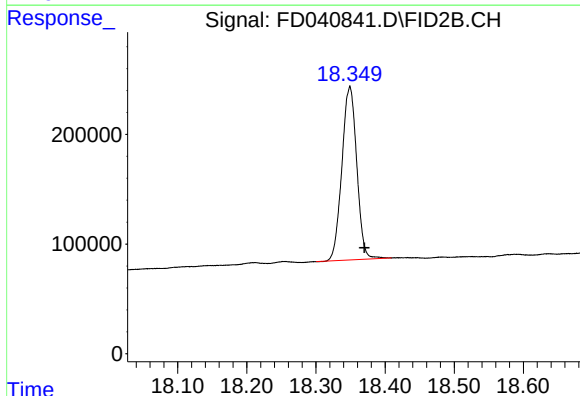
#17 n-Tricontane (C30)

R.T.: 16.740 min
Delta R.T.: -0.022 min
Response: 2694382
Conc: 20.67 ug/ml



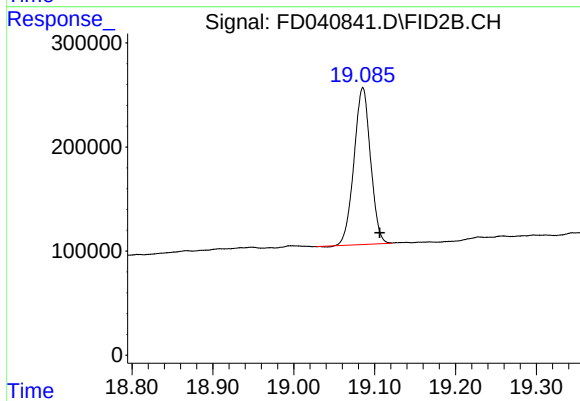
#18 n-Dotriacontane (C32)

R.T.: 17.569 min
Delta R.T.: -0.022 min
Response: 2575660
Conc: 21.55 ug/ml



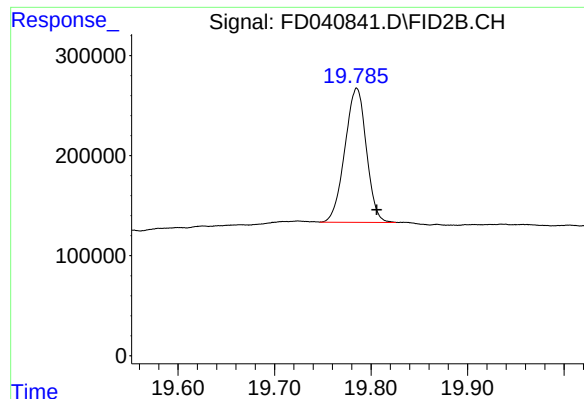
#19 n-Tetratriacontane (C34)

R.T.: 18.349 min
Delta R.T.: -0.021 min
Response: 2357939
Conc: 22.39 ug/ml



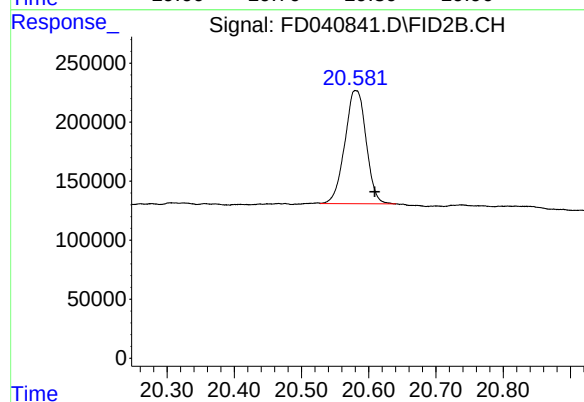
#20 n-Hexatriacontane (C36)

R.T.: 19.086 min
Delta R.T.: -0.021 min
Response: 2139425
Conc: 21.11 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 19.785 min
Delta R.T.: -0.021 min
Response: 2071551
Conc: 23.19 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 20.581 min
Delta R.T.: -0.028 min
Response: 2110257
Conc: 24.69 ug/ml m