

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC011224AL\
 Data File : FC065576.D
 Signal(s) : FID1A.ch
 Acq On : 12 Jan 2024 17:37
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jan 13 02:07:23 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 010824.M
 Quant Title : GC Extractables
 QLast Update : Mon Jan 08 15:12:33 2024
 Response via : Initial Calibration
 Integrator: ChemStation

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)	11.494	3502306	19.259 ug/ml
Spiked Amount 50.000		Recovery =	38.52%
12) S 1-chlorooctadecane (S...	12.925	2524366	18.727 ug/ml
Spiked Amount 50.000		Recovery =	37.45%
Target Compounds			
1) T n-Nonane (C9)	3.291	2747870	17.590 ug/ml
2) T n-Decane (C10)	4.351	2814507	17.791 ug/ml
3) T A~Naphthalene (C11.7)	5.936	2812270	16.817 ug/mlm
4) T n-Dodecane (C12)	6.362	2849360	17.760 ug/ml
5) T A~2-methylnaphthalene...	6.991	2694212	17.460 ug/mlm
6) T n-Tetradecane (C14)	8.152	2745190	17.503 ug/ml
7) T n-Hexadecane (C16)	9.745	2723295	17.029 ug/ml
8) T n-Octadecane (C18)	11.180	2781730	16.984 ug/ml
10) T n-Eicosane (C20)	12.482	2779123	17.448 ug/ml
11) T n-Heneicosane (C21)	13.091	2764147	17.618 ug/ml
13) T n-Docosane (C22)	13.674	2751119	17.620 ug/ml
14) T n-Tetracosane (C24)	14.771	2754503	17.722 ug/ml
15) T n-Hexacosane (C26)	15.787	2743564	17.872 ug/ml
16) T n-Octacosane (C28)	16.733	2787706	18.495 ug/ml
17) T n-Tricontane (C30)	17.615	2957347	19.363 ug/ml
18) T n-Dotriacontane (C32)	18.443	3075087	20.423 ug/ml
19) T n-Tetratriacontane (C34)	19.223	2929733	20.405 ug/ml
20) T n-Hexatriacontane (C36)	19.959	2812840	20.419 ug/mlm
21) T n-Octatriacontane (C38)	20.676	2795358	20.205 ug/ml
22) T n-Tetracontane (C40)	21.547	2820535	20.384 ug/mlm

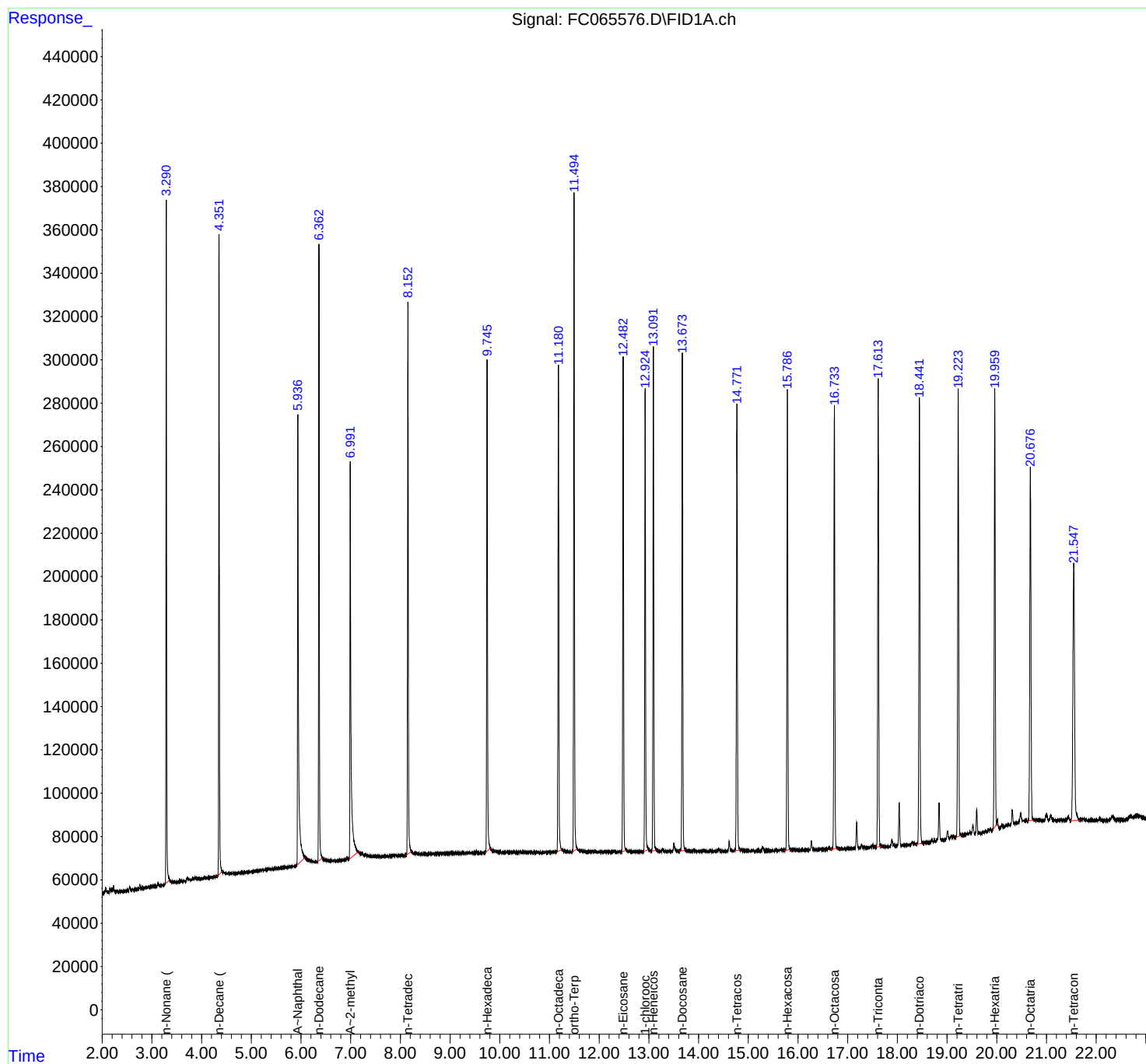
(f)=RT Delta > 1/2 Window

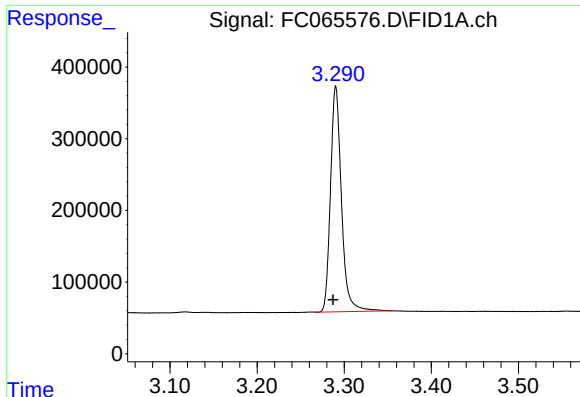
(m)=manual int.

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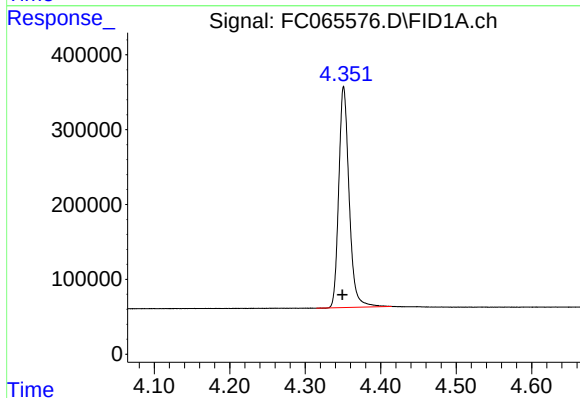
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Signal Info : 20M x 0.18mm x 0.18um





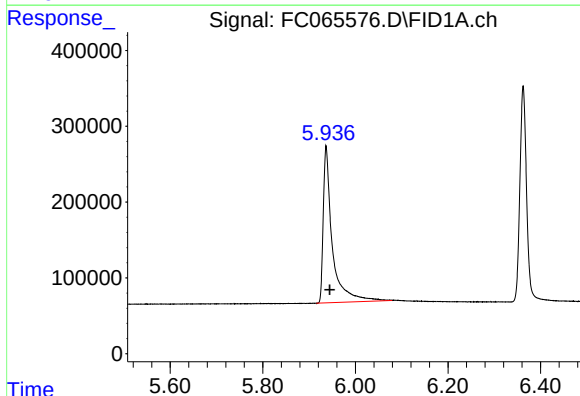
#1 n-Nonane (C9)

R.T.: 3.291 min
Delta R.T.: 0.004 min
Response: 2747870
Conc: 17.59 ug/ml



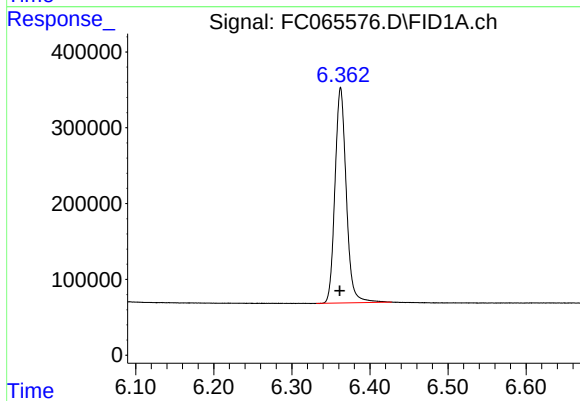
#2 n-Decane (C10)

R.T.: 4.351 min
Delta R.T.: 0.002 min
Response: 2814507
Conc: 17.79 ug/ml



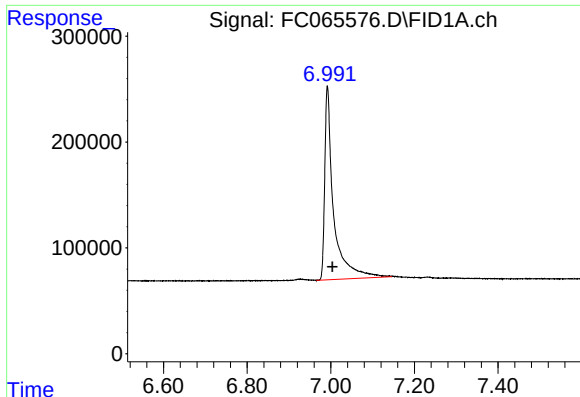
#3 A~Naphthalene (C11.7)

R.T.: 5.936 min
Delta R.T.: -0.009 min
Response: 2812270
Conc: 16.82 ug/ml m



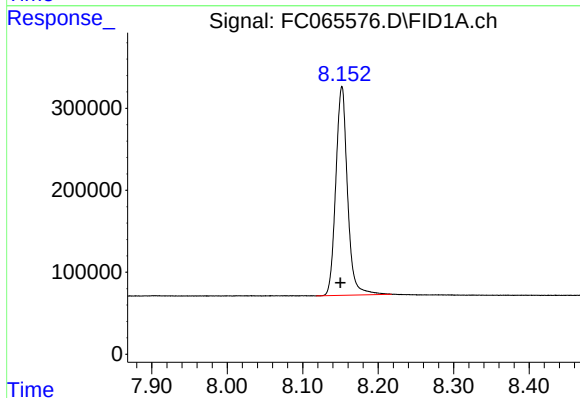
#4 n-Dodecane (C12)

R.T.: 6.362 min
Delta R.T.: 0.001 min
Response: 2849360
Conc: 17.76 ug/ml



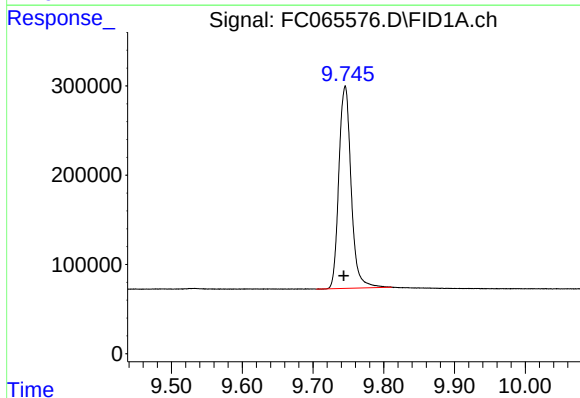
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.991 min
Delta R.T.: -0.012 min
Response: 2694212
Conc: 17.46 ug/ml m



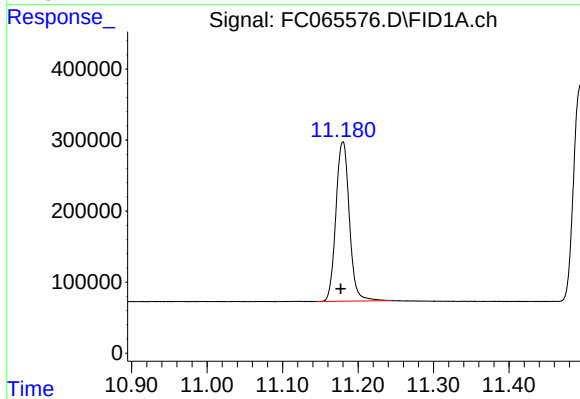
#6 n-Tetradecane (C14)

R.T.: 8.152 min
Delta R.T.: 0.002 min
Response: 2745190
Conc: 17.50 ug/ml



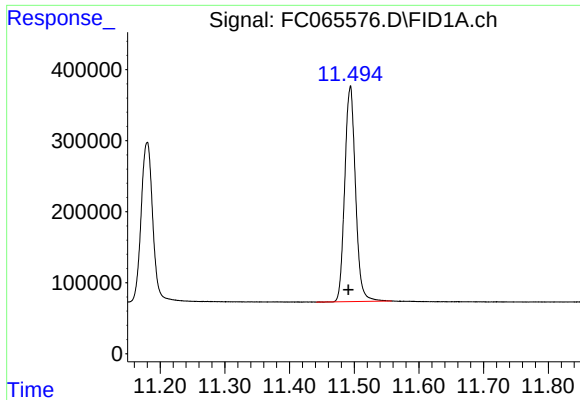
#7 n-Hexadecane (C16)

R.T.: 9.745 min
Delta R.T.: 0.002 min
Response: 2723295
Conc: 17.03 ug/ml



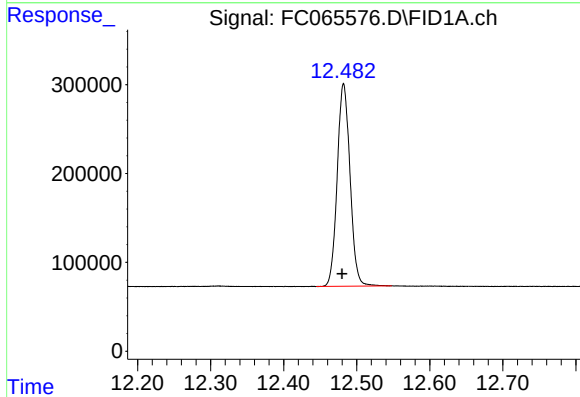
#8 n-Octadecane (C18)

R.T.: 11.180 min
Delta R.T.: 0.003 min
Response: 2781730
Conc: 16.98 ug/ml



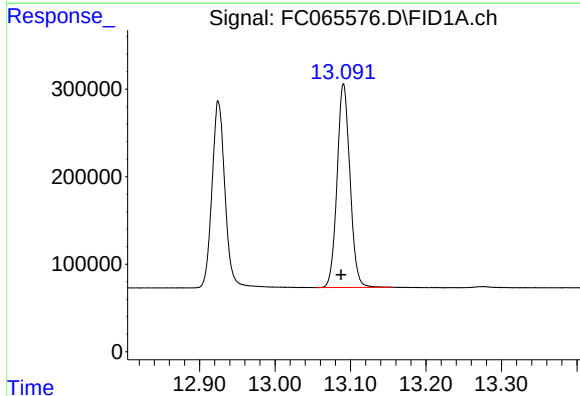
#9 ortho-Terphenyl (SURR)

R.T.: 11.494 min
Delta R.T.: 0.003 min
Response: 3502306
Conc: 19.26 ug/ml



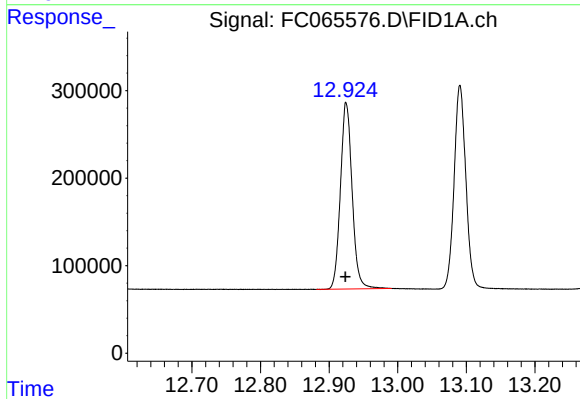
#10 n-Eicosane (C20)

R.T.: 12.482 min
Delta R.T.: 0.002 min
Response: 2779123
Conc: 17.45 ug/ml



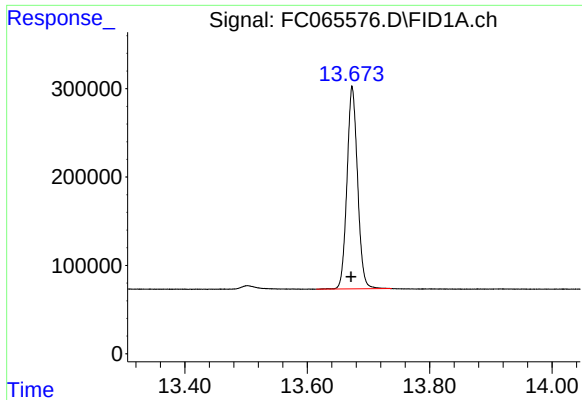
#11 n-Heneicosane (C21)

R.T.: 13.091 min
Delta R.T.: 0.004 min
Response: 2764147
Conc: 17.62 ug/ml



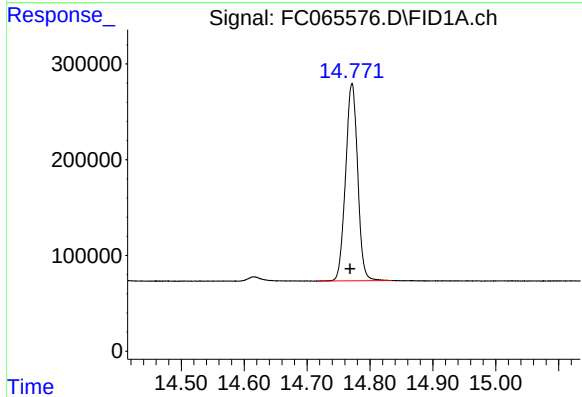
#12 1-chlorooctadecane (SURR)

R.T.: 12.925 min
Delta R.T.: 0.001 min
Response: 2524366
Conc: 18.73 ug/ml



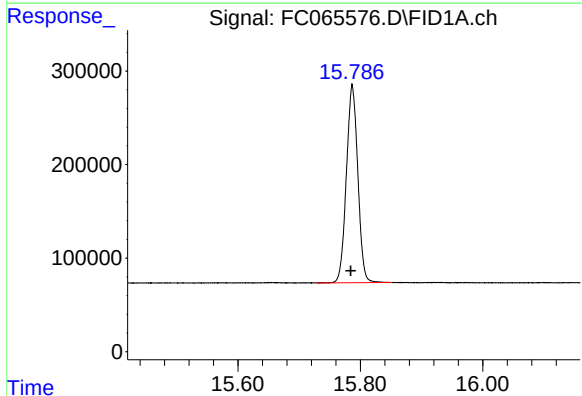
#13 n-Docosane (C22)

R.T.: 13.674 min
Delta R.T.: 0.002 min
Response: 2751119
Conc: 17.62 ug/ml



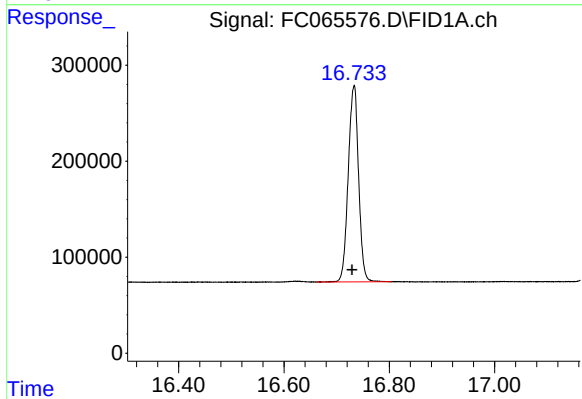
#14 n-Tetracosane (C24)

R.T.: 14.771 min
Delta R.T.: 0.003 min
Response: 2754503
Conc: 17.72 ug/ml



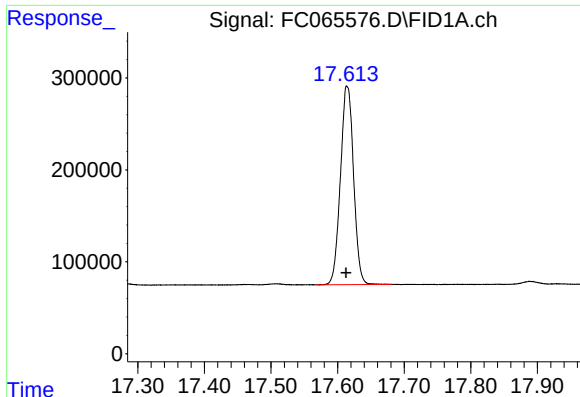
#15 n-Hexacosane (C26)

R.T.: 15.787 min
Delta R.T.: 0.002 min
Response: 2743564
Conc: 17.87 ug/ml



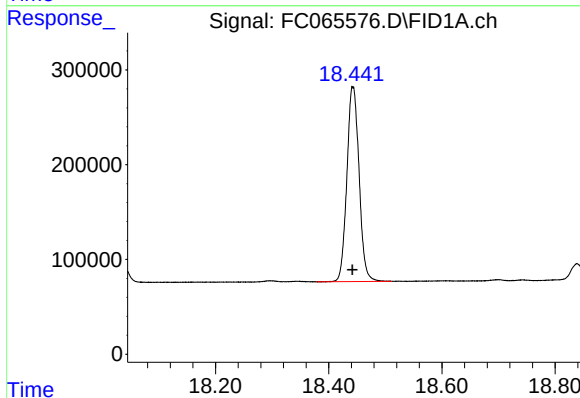
#16 n-Octacosane (C28)

R.T.: 16.733 min
Delta R.T.: 0.004 min
Response: 2787706
Conc: 18.50 ug/ml



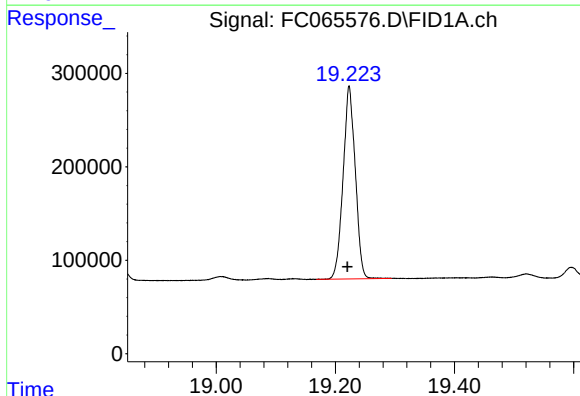
#17 n-Tricontane (C30)

R.T.: 17.615 min
Delta R.T.: 0.002 min
Response: 2957347
Conc: 19.36 ug/ml



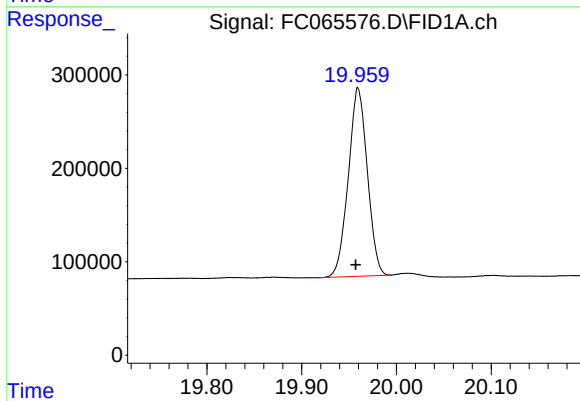
#18 n-Dotriacontane (C32)

R.T.: 18.443 min
Delta R.T.: 0.001 min
Response: 3075087
Conc: 20.42 ug/ml



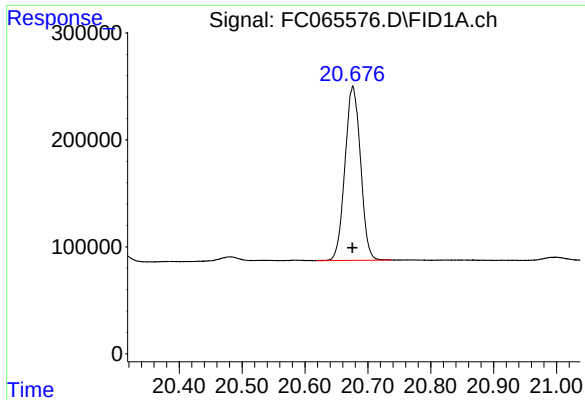
#19 n-Tetratriacontane (C34)

R.T.: 19.223 min
Delta R.T.: 0.003 min
Response: 2929733
Conc: 20.40 ug/ml



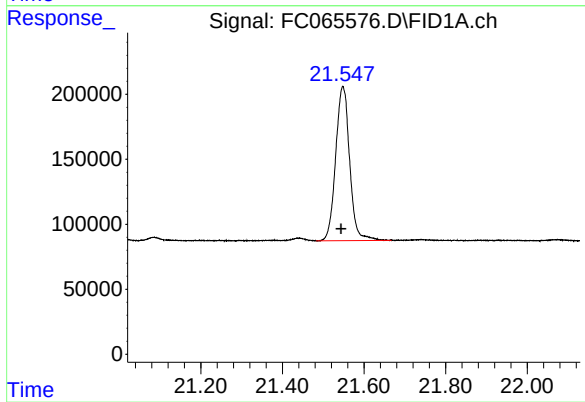
#20 n-Hexatriacontane (C36)

R.T.: 19.959 min
Delta R.T.: 0.002 min
Response: 2812840
Conc: 20.42 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.676 min
Delta R.T.: 0.000 min
Response: 2795358
Conc: 20.20 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.547 min
Delta R.T.: 0.004 min
Response: 2820535
Conc: 20.38 ug/ml m