

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC101723AL\
 Data File : FC064866.D
 Signal(s) : FID1A.ch
 Acq On : 17 Oct 2023 21:33
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Oct 18 01:35:32 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 101023.M
 Quant Title : GC Extractables
 QLast Update : Tue Oct 10 12:17:45 2023
 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)	11.519	4171955	19.539 ug/ml
Spiked Amount 50.000		Recovery =	39.08%
12) S 1-chlorooctadecane (S...	12.952	3017626	20.125 ug/ml
Spiked Amount 50.000		Recovery =	40.25%
Target Compounds			
1) T n-Nonane (C9)	3.320	3815064	20.771 ug/ml
2) T n-Decane (C10)	4.379	3870171	21.157 ug/ml
3) T A~Naphthalene (C11.7)	5.958	4017964	21.185 ug/ml
4) T n-Dodecane (C12)	6.388	3896686	20.906 ug/ml
5) T A~2-methylnaphthalene...	7.011	3843667	21.948 ug/ml
6) T n-Tetradecane (C14)	8.176	3767770	20.979 ug/ml
7) T n-Hexadecane (C16)	9.770	3711766	20.867 ug/ml
8) T n-Octadecane (C18)	11.206	3618835	20.167 ug/ml
10) T n-Eicosane (C20)	12.510	3406716	19.784 ug/ml
11) T n-Heneicosane (C21)	13.120	3294663	19.454 ug/ml
13) T n-Docosane (C22)	13.703	3240924	19.669 ug/ml
14) T n-Tetracosane (C24)	14.802	3126212	19.642 ug/ml
15) T n-Hexacosane (C26)	15.817	3010288	19.651 ug/ml
16) T n-Octacosane (C28)	16.764	2965093	20.121 ug/ml
17) T n-Tricontane (C30)	17.647	3064223	20.943 ug/ml
18) T n-Dotriacontane (C32)	18.476	3105842	21.509 ug/ml
19) T n-Tetratriacontane (C34)	19.254	2985587	21.219 ug/mlm
20) T n-Hexatriacontane (C36)	19.994	2939932	21.250 ug/ml
21) T n-Octatriacontane (C38)	20.715	2981569	22.508 ug/ml
22) T n-Tetracontane (C40)	21.597	3039532	24.287 ug/ml

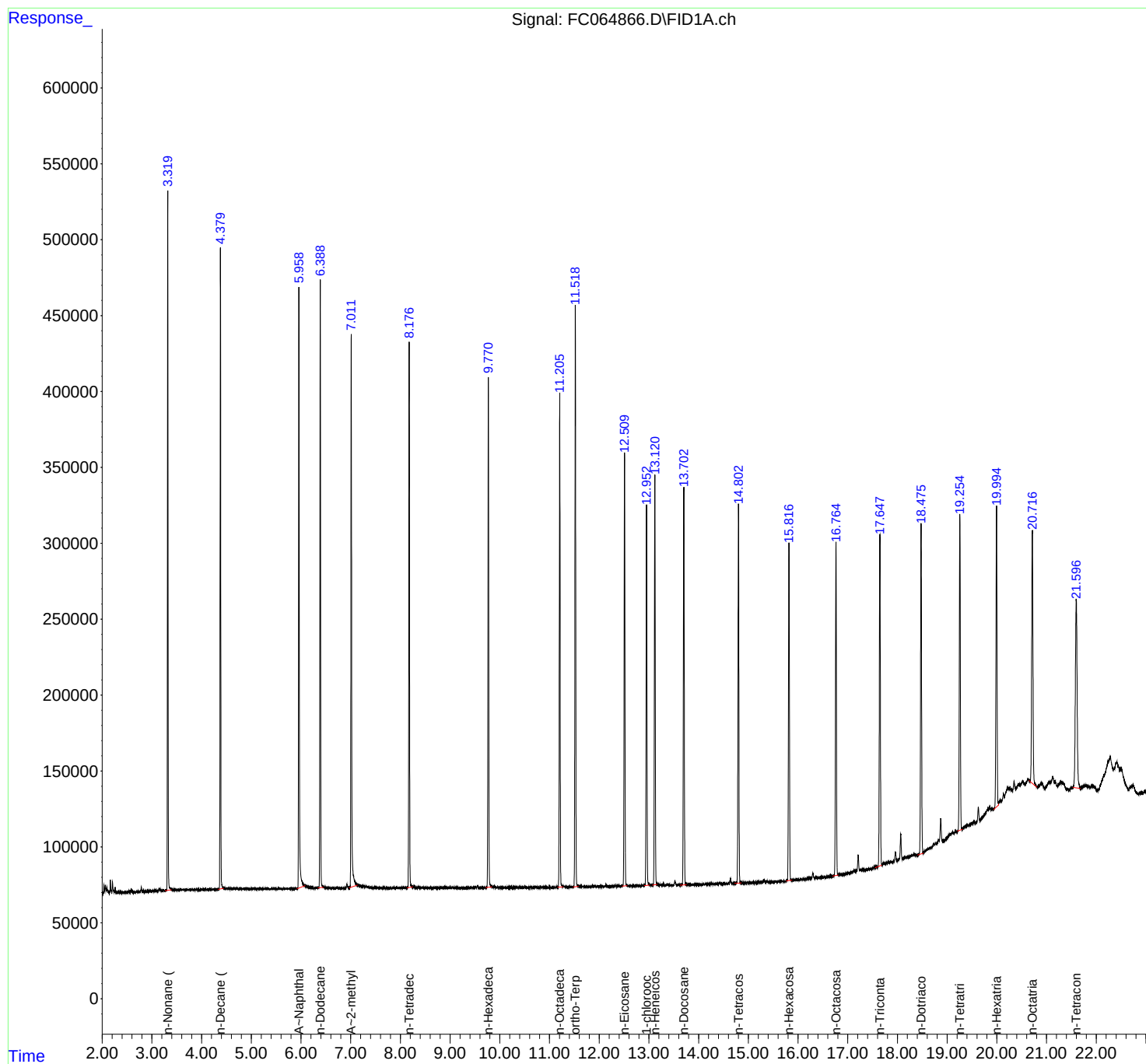
(f)=RT Delta > 1/2 Window

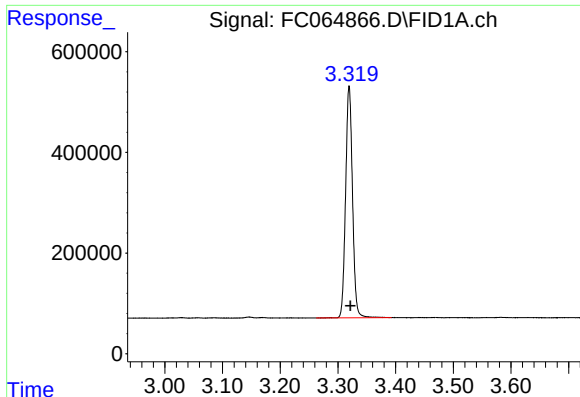
(m)=manual int.

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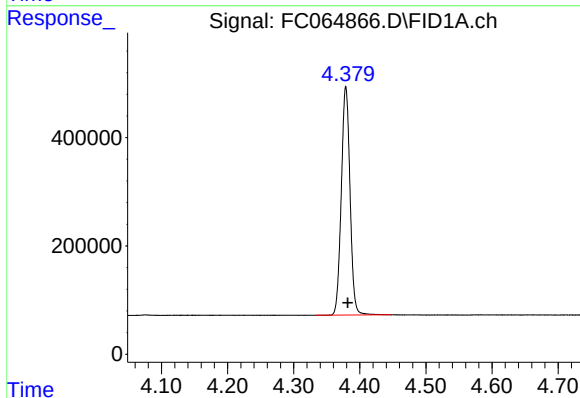
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Signal Info : 20M x 0.18mm x 0.18um





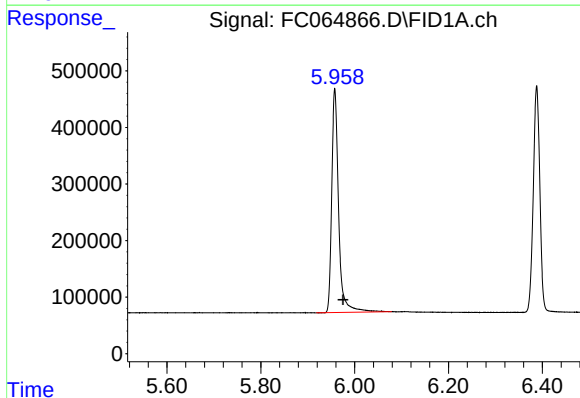
#1 n-Nonane (C9)

R.T.: 3.320 min
Delta R.T.: -0.002 min
Response: 3815064
Conc: 20.77 ug/ml



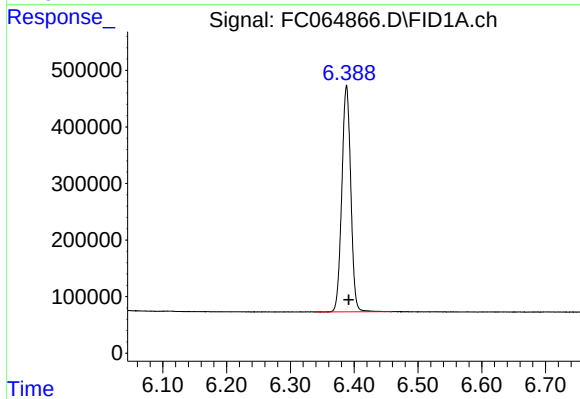
#2 n-Decane (C10)

R.T.: 4.379 min
Delta R.T.: -0.003 min
Response: 3870171
Conc: 21.16 ug/ml



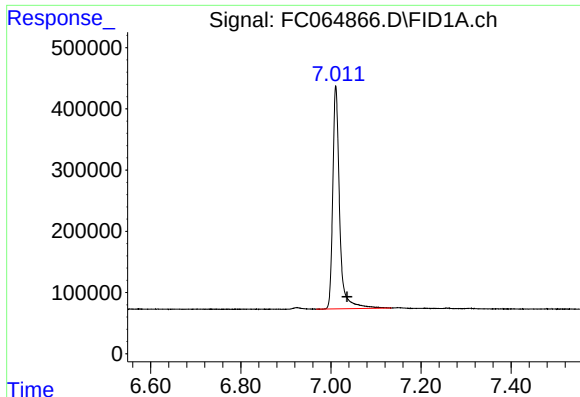
#3 A~Naphthalene (C11.7)

R.T.: 5.958 min
Delta R.T.: -0.018 min
Response: 4017964
Conc: 21.18 ug/ml



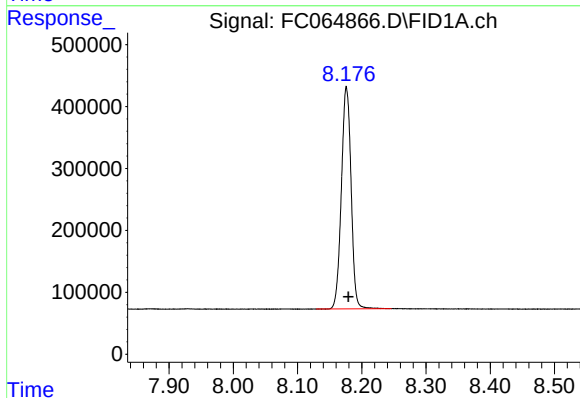
#4 n-Dodecane (C12)

R.T.: 6.388 min
Delta R.T.: -0.003 min
Response: 3896686
Conc: 20.91 ug/ml



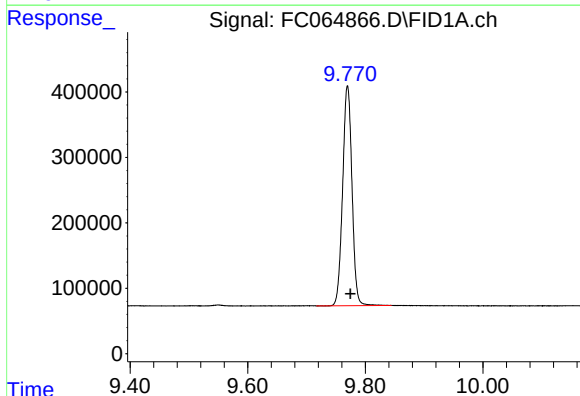
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.011 min
Delta R.T.: -0.025 min
Response: 3843667
Conc: 21.95 ug/ml



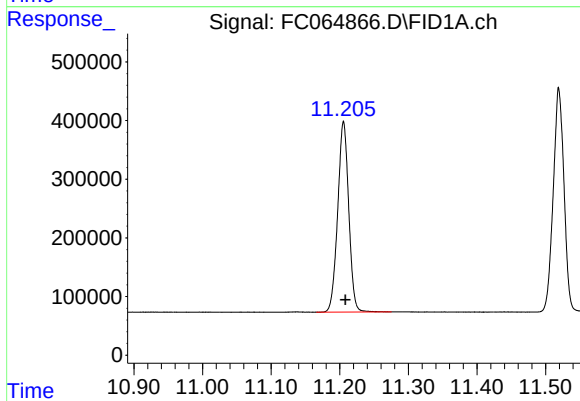
#6 n-Tetradecane (C14)

R.T.: 8.176 min
Delta R.T.: -0.003 min
Response: 3767770
Conc: 20.98 ug/ml



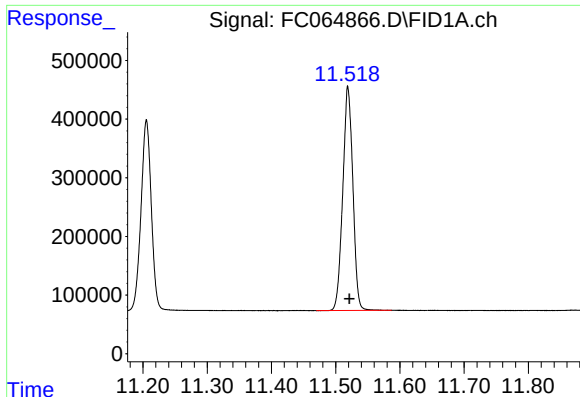
#7 n-Hexadecane (C16)

R.T.: 9.770 min
Delta R.T.: -0.005 min
Response: 3711766
Conc: 20.87 ug/ml



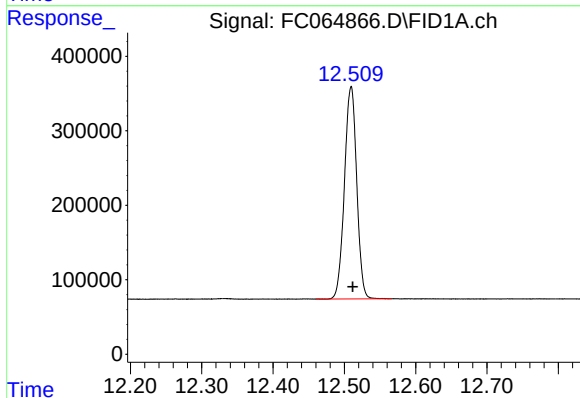
#8 n-Octadecane (C18)

R.T.: 11.206 min
Delta R.T.: -0.003 min
Response: 3618835
Conc: 20.17 ug/ml



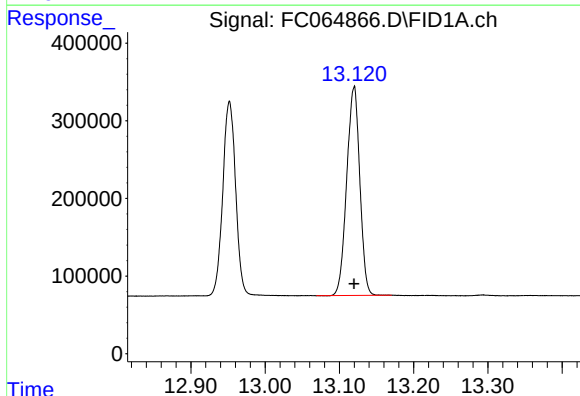
#9 ortho-Terphenyl (SURR)

R.T.: 11.519 min
Delta R.T.: -0.002 min
Response: 4171955
Conc: 19.54 ug/ml



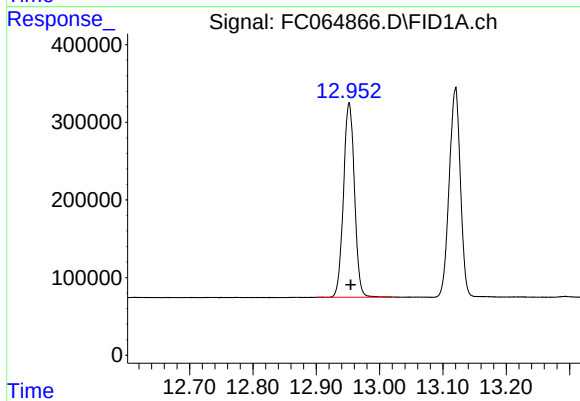
#10 n-Eicosane (C20)

R.T.: 12.510 min
Delta R.T.: -0.002 min
Response: 3406716
Conc: 19.78 ug/ml



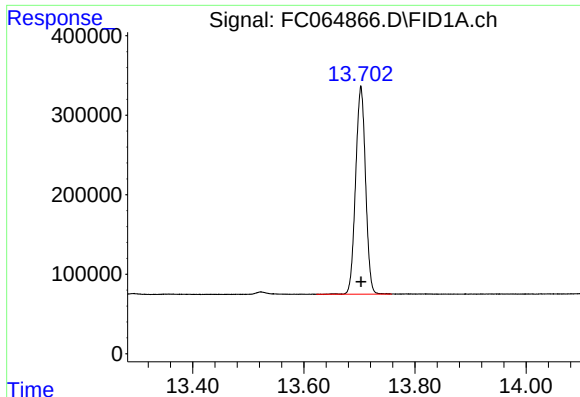
#11 n-Heneicosane (C21)

R.T.: 13.120 min
Delta R.T.: 0.000 min
Response: 3294663
Conc: 19.45 ug/ml



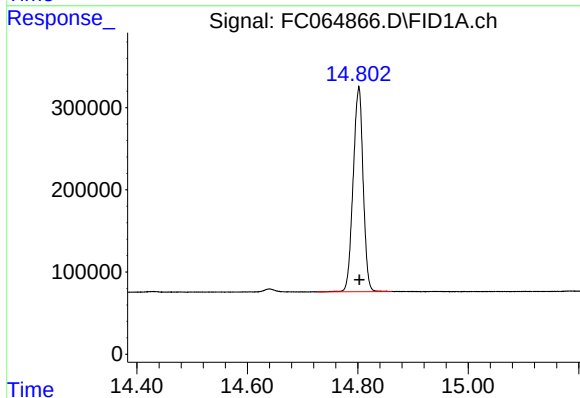
#12 1-chlorooctadecane (SURR)

R.T.: 12.952 min
Delta R.T.: -0.003 min
Response: 3017626
Conc: 20.13 ug/ml



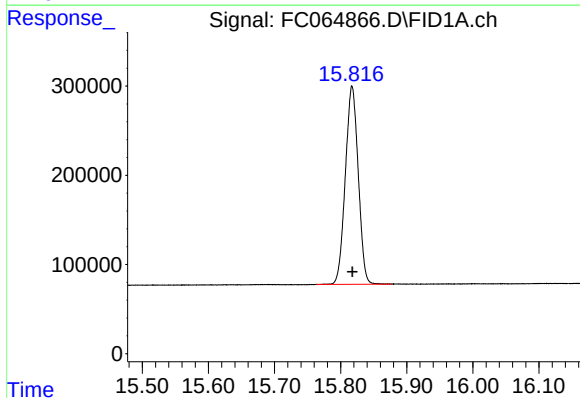
#13 n-Docosane (C22)

R.T.: 13.703 min
Delta R.T.: 0.000 min
Response: 3240924
Conc: 19.67 ug/ml



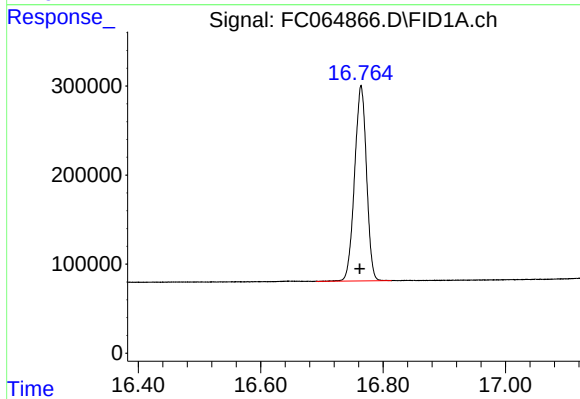
#14 n-Tetracosane (C24)

R.T.: 14.802 min
Delta R.T.: -0.001 min
Response: 3126212
Conc: 19.64 ug/ml



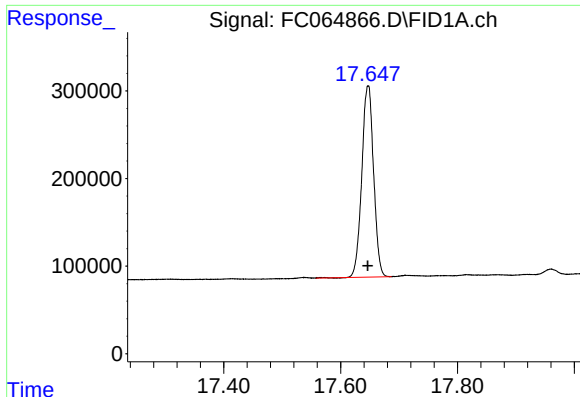
#15 n-Hexacosane (C26)

R.T.: 15.817 min
Delta R.T.: 0.000 min
Response: 3010288
Conc: 19.65 ug/ml



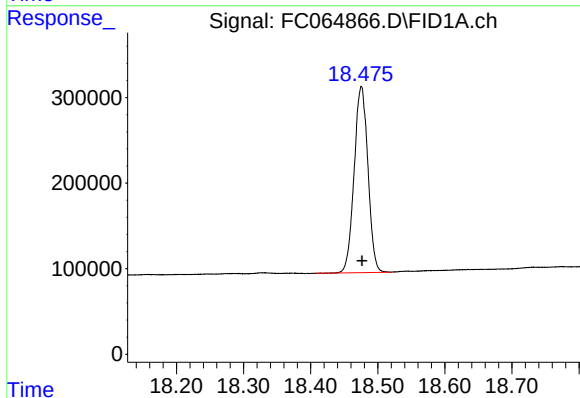
#16 n-Octacosane (C28)

R.T.: 16.764 min
Delta R.T.: 0.002 min
Response: 2965093
Conc: 20.12 ug/ml



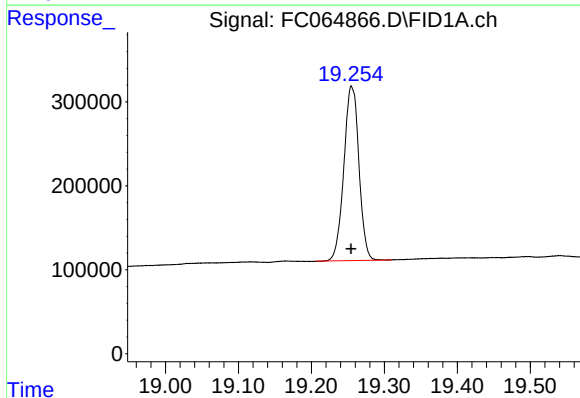
#17 n-Tricontane (C30)

R.T.: 17.647 min
Delta R.T.: 0.000 min
Response: 3064223
Conc: 20.94 ug/ml



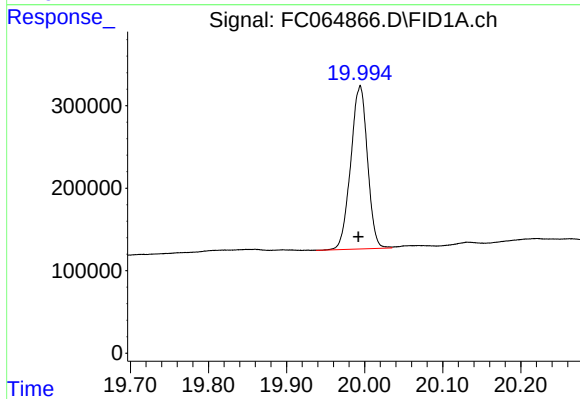
#18 n-Dotriacontane (C32)

R.T.: 18.476 min
Delta R.T.: -0.001 min
Response: 3105842
Conc: 21.51 ug/ml



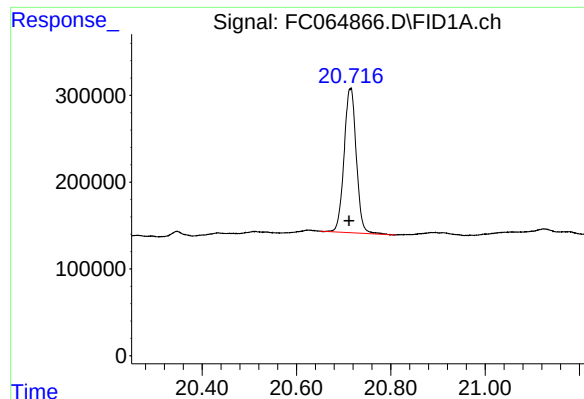
#19 n-Tetratriacontane (C34)

R.T.: 19.254 min
Delta R.T.: 0.000 min
Response: 2985587
Conc: 21.22 ug/ml m



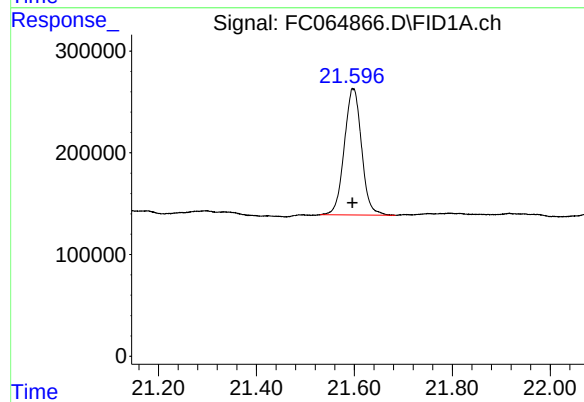
#20 n-Hexatriacontane (C36)

R.T.: 19.994 min
Delta R.T.: 0.002 min
Response: 2939932
Conc: 21.25 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.715 min
Delta R.T.: 0.003 min
Response: 2981569
Conc: 22.51 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.597 min
Delta R.T.: 0.001 min
Response: 3039532
Conc: 24.29 ug/ml