

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC032024AL\
 Data File : FC066059.D
 Signal(s) : FID1A.ch
 Acq On : 20 Mar 2024 12:35
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Mar 21 01:21:38 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 030424.M
 Quant Title : GC Extractables
 QLast Update : Mon Mar 04 13:09:51 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)	11.475	3497994	17.899 ug/ml
Spiked Amount 50.000		Recovery =	35.80%
12) S 1-chlorooctadecane (S...	12.902	2587980	17.751 ug/ml
Spiked Amount 50.000		Recovery =	35.50%
Target Compounds			
1) T n-Nonane (C9)	3.279	3107715	18.601 ug/ml
2) T n-Decane (C10)	4.339	3160388	18.222 ug/ml
3) T A~Naphthalene (C11.7)	5.931	3350340	18.669 ug/ml
4) T n-Dodecane (C12)	6.348	3231969	18.340 ug/ml
5) T A~2-methylnaphthalene...	6.988	3130979	18.381 ug/ml
6) T n-Tetradecane (C14)	8.134	3005864	17.286 ug/mlm
7) T n-Hexadecane (C16)	9.726	3102310	17.365 ug/ml
8) T n-Octadecane (C18)	11.159	3152748	17.345 ug/ml
10) T n-Eicosane (C20)	12.459	3076938	17.621 ug/ml
11) T n-Heneicosane (C21)	13.067	3064412	17.675 ug/ml
13) T n-Docosane (C22)	13.649	3054922	17.763 ug/ml
14) T n-Tetracosane (C24)	14.744	3090473	18.094 ug/ml
15) T n-Hexacosane (C26)	15.756	3082676	18.307 ug/ml
16) T n-Octacosane (C28)	16.699	3089416	18.582 ug/ml
17) T n-Tricontane (C30)	17.580	3165650	18.541 ug/ml
18) T n-Dotriacontane (C32)	18.406	3152174	18.699 ug/mlm
19) T n-Tetratriacontane (C34)	19.184	3123189	19.056 ug/ml
20) T n-Hexatriacontane (C36)	19.919	3120868	19.628 ug/mlm
21) T n-Octatriacontane (C38)	20.630	3287106	20.985 ug/ml
22) T n-Tetracontane (C40)	21.485	3415610	21.599 ug/ml

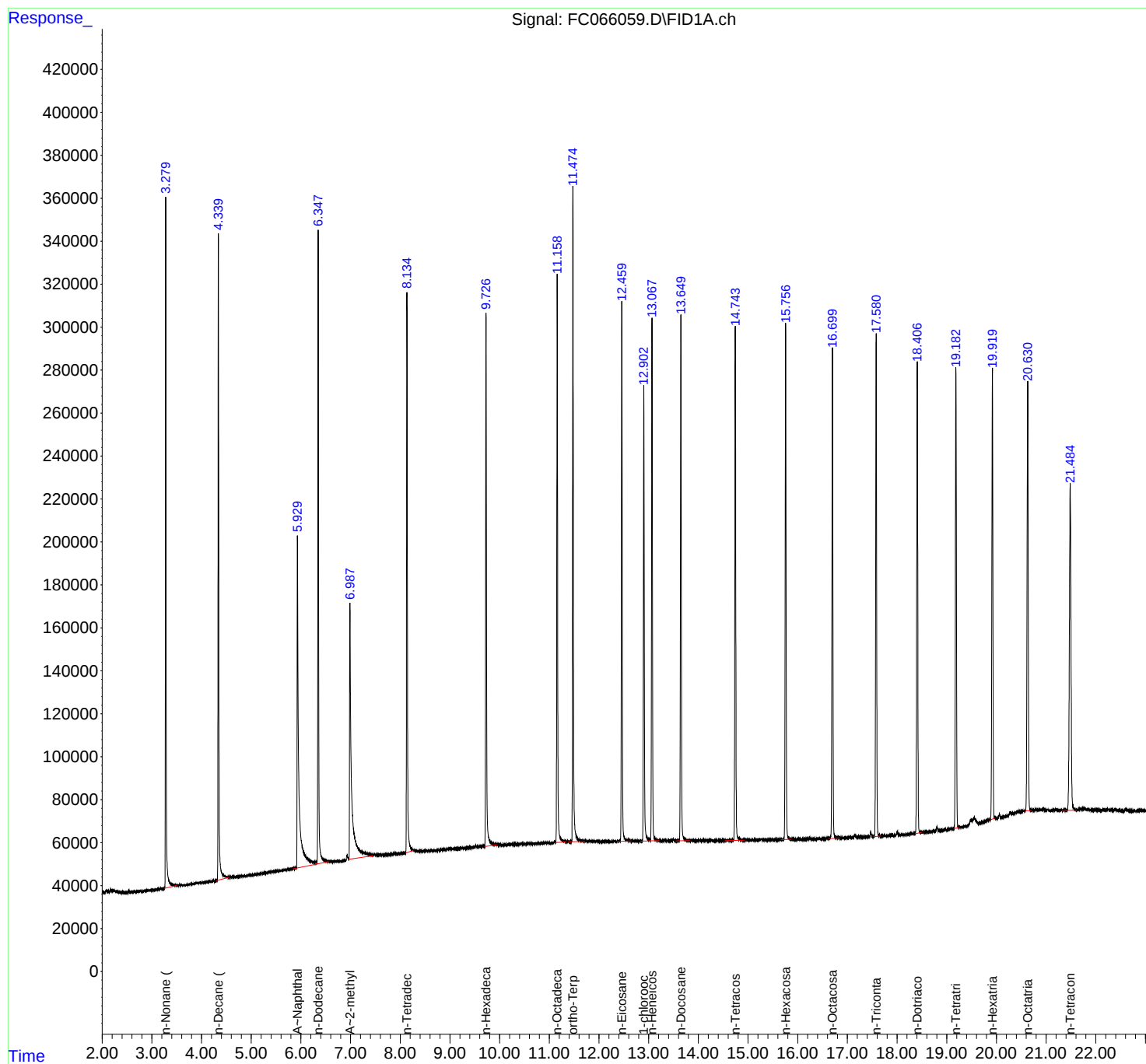
(f)=RT Delta > 1/2 Window

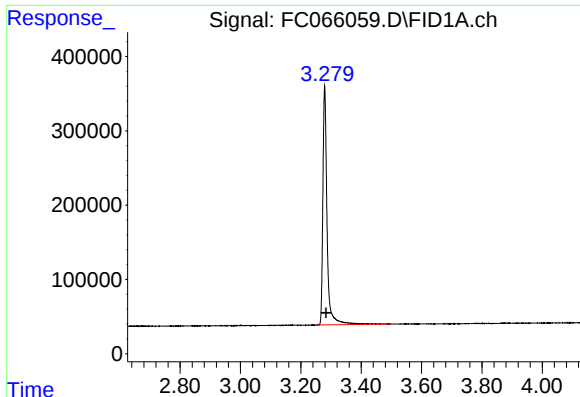
(m)=manual int.

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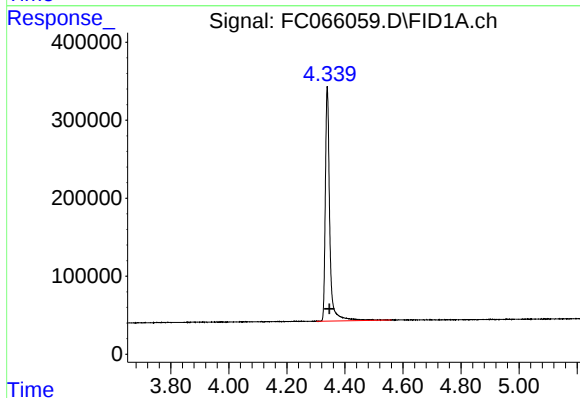
Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





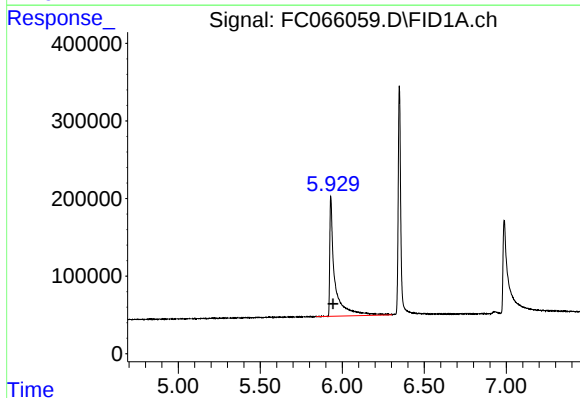
#1 n-Nonane (C9)

R.T.: 3.279 min
Delta R.T.: -0.005 min
Response: 3107715
Conc: 18.60 ug/ml



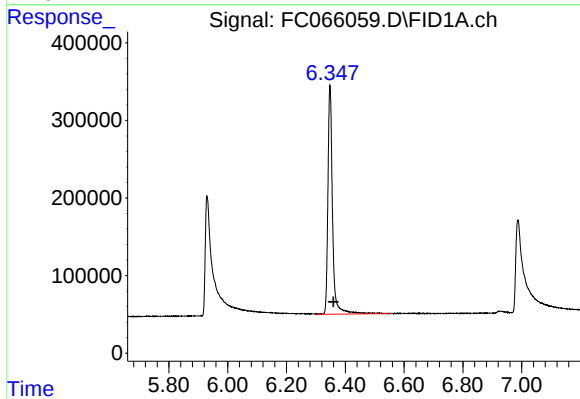
#2 n-Decane (C10)

R.T.: 4.339 min
Delta R.T.: -0.007 min
Response: 3160388
Conc: 18.22 ug/ml



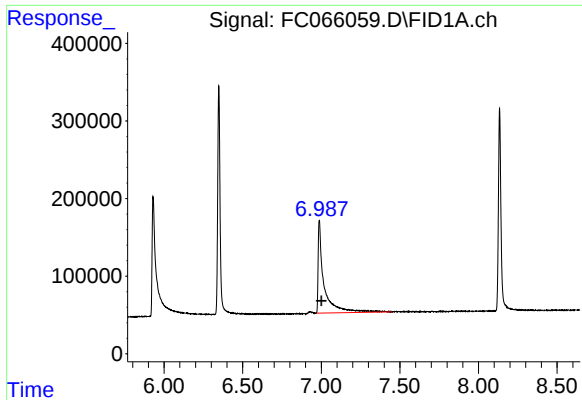
#3 A~Naphthalene (C11.7)

R.T.: 5.931 min
Delta R.T.: -0.014 min
Response: 3350340
Conc: 18.67 ug/ml



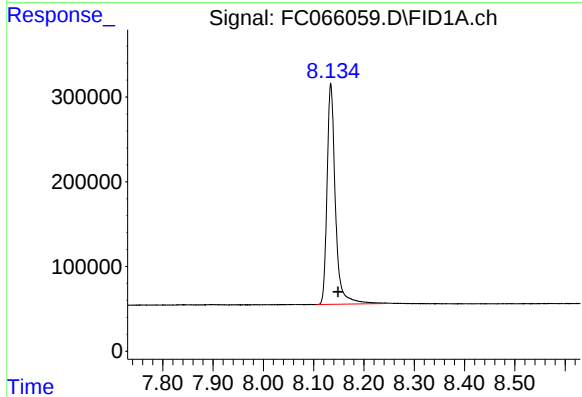
#4 n-Dodecane (C12)

R.T.: 6.348 min
Delta R.T.: -0.012 min
Response: 3231969
Conc: 18.34 ug/ml



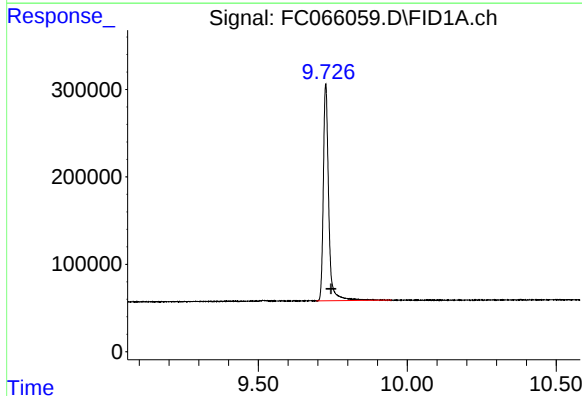
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.988 min
Delta R.T.: -0.015 min
Response: 3130979
Conc: 18.38 ug/ml



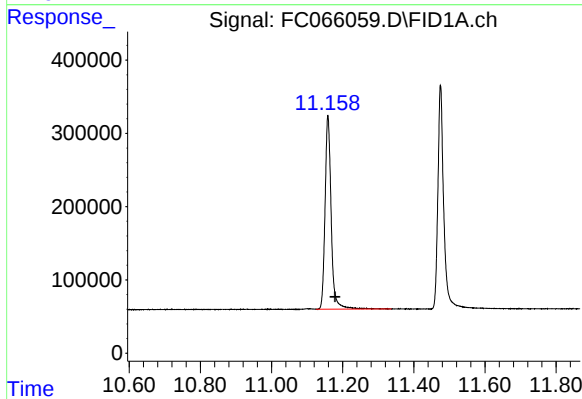
#6 n-Tetradecane (C14)

R.T.: 8.134 min
Delta R.T.: -0.015 min
Response: 3005864
Conc: 17.29 ug/ml m



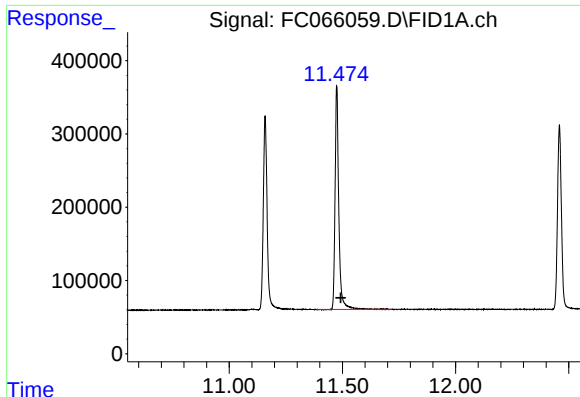
#7 n-Hexadecane (C16)

R.T.: 9.726 min
Delta R.T.: -0.018 min
Response: 3102310
Conc: 17.37 ug/ml



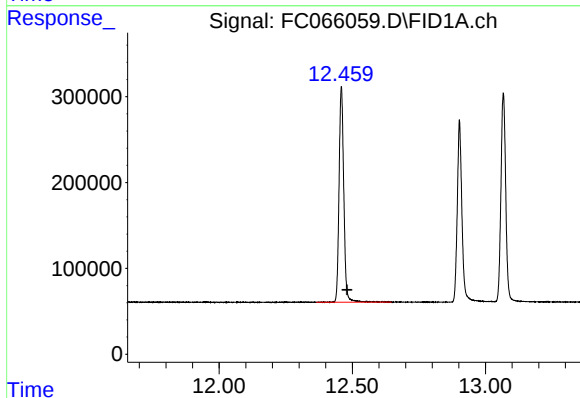
#8 n-Octadecane (C18)

R.T.: 11.159 min
Delta R.T.: -0.020 min
Response: 3152748
Conc: 17.35 ug/ml



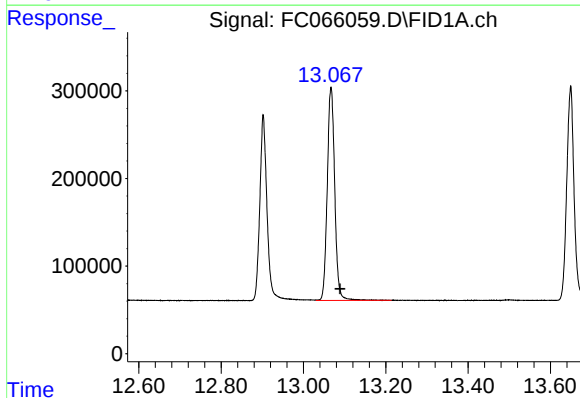
#9 ortho-Terphenyl (SURR)

R.T.: 11.475 min
Delta R.T.: -0.018 min
Response: 3497994
Conc: 17.90 ug/ml



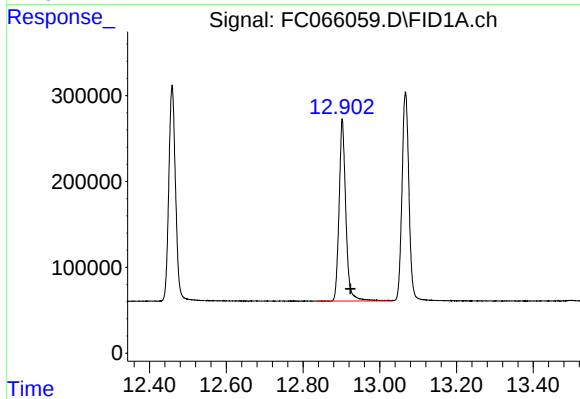
#10 n-Eicosane (C20)

R.T.: 12.459 min
Delta R.T.: -0.022 min
Response: 3076938
Conc: 17.62 ug/ml



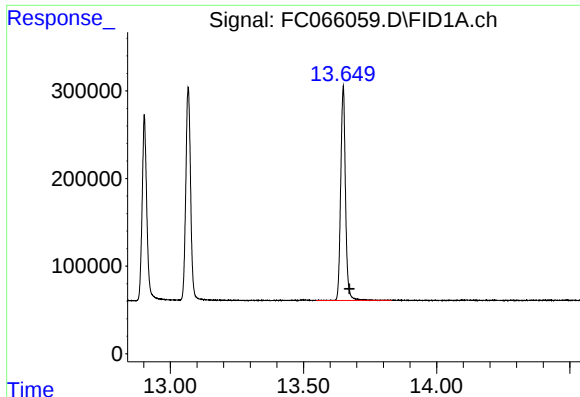
#11 n-Heneicosane (C21)

R.T.: 13.067 min
Delta R.T.: -0.022 min
Response: 3064412
Conc: 17.67 ug/ml



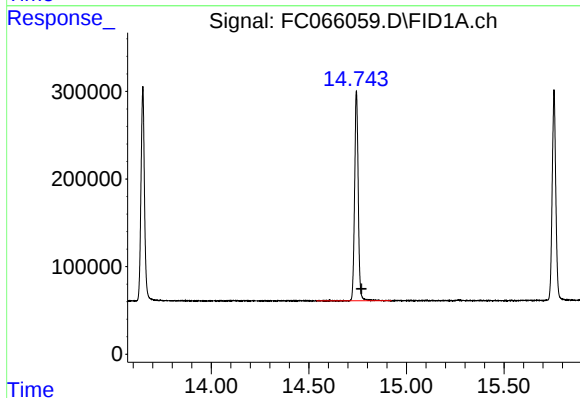
#12 1-chlorooctadecane (SURR)

R.T.: 12.902 min
Delta R.T.: -0.021 min
Response: 2587980
Conc: 17.75 ug/ml



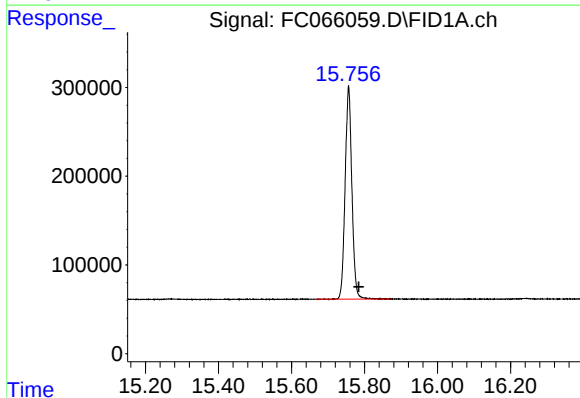
#13 n-Docosane (C22)

R.T.: 13.649 min
Delta R.T.: -0.023 min
Response: 3054922
Conc: 17.76 ug/ml



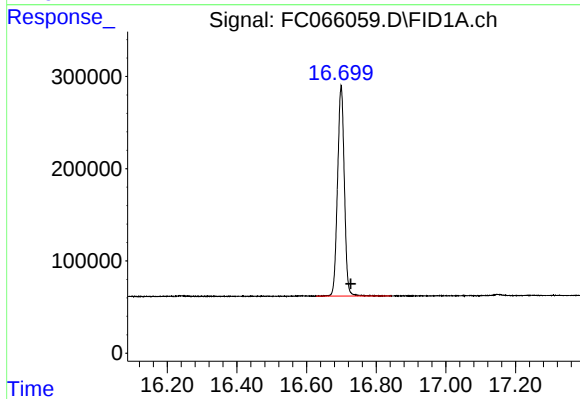
#14 n-Tetracosane (C24)

R.T.: 14.744 min
Delta R.T.: -0.026 min
Response: 3090473
Conc: 18.09 ug/ml



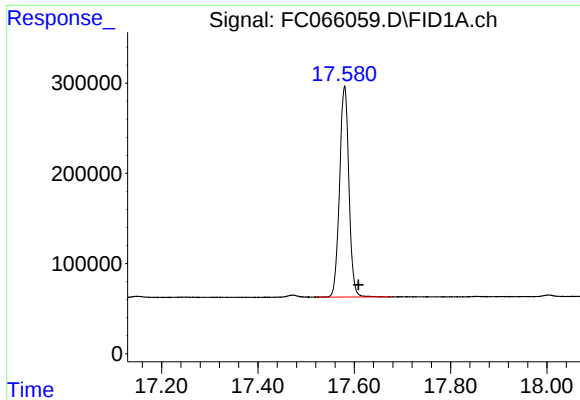
#15 n-Hexacosane (C26)

R.T.: 15.756 min
Delta R.T.: -0.028 min
Response: 3082676
Conc: 18.31 ug/ml



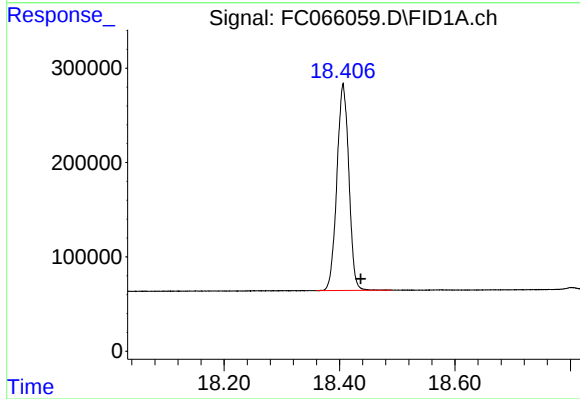
#16 n-Octacosane (C28)

R.T.: 16.699 min
Delta R.T.: -0.028 min
Response: 3089416
Conc: 18.58 ug/ml



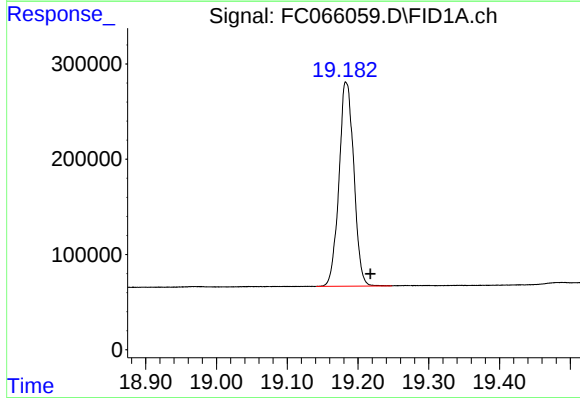
#17 n-Tricontane (C30)

R.T.: 17.580 min
Delta R.T.: -0.029 min
Response: 3165650
Conc: 18.54 ug/ml



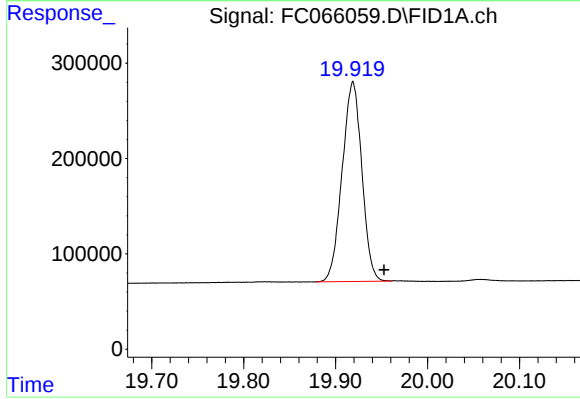
#18 n-Dotriacontane (C32)

R.T.: 18.406 min
Delta R.T.: -0.031 min
Response: 3152174
Conc: 18.70 ug/ml m



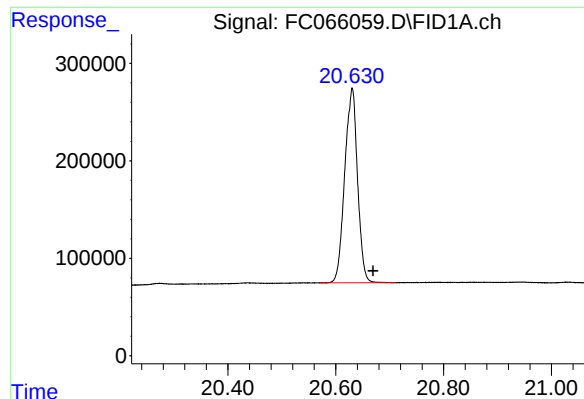
#19 n-Tetratriacontane (C34)

R.T.: 19.184 min
Delta R.T.: -0.034 min
Response: 3123189
Conc: 19.06 ug/ml



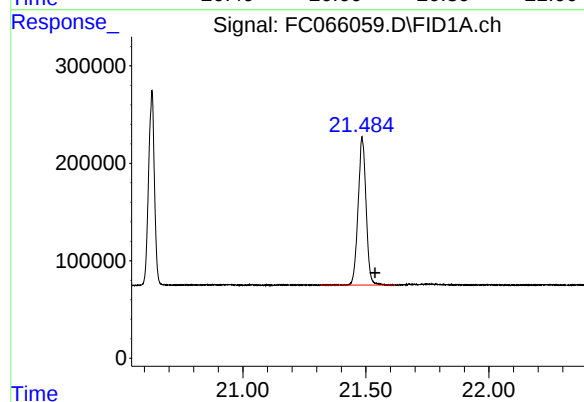
#20 n-Hexatriacontane (C36)

R.T.: 19.919 min
Delta R.T.: -0.034 min
Response: 3120868
Conc: 19.63 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.630 min
Delta R.T.: -0.039 min
Response: 3287106
Conc: 20.99 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.485 min
Delta R.T.: -0.052 min
Response: 3415610
Conc: 21.60 ug/ml