

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC031524AL\
 Data File : FC066028.D
 Signal(s) : FID1A.ch
 Acq On : 15 Mar 2024 21:37
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Mar 15 23:32:56 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)	11.473	3471495	17.763 ug/ml
Spiked Amount 50.000		Recovery =	35.53%
12) S 1-chlorooctadecane (S...	12.899	2604033	17.862 ug/ml
Spiked Amount 50.000		Recovery =	35.72%
Target Compounds			
1) T n-Nonane (C9)	3.278	3037893	18.183 ug/ml
2) T n-Decane (C10)	4.339	3113909	17.954 ug/ml
3) T A~Naphthalene (C11.7)	5.929	3332045	18.567 ug/ml
4) T n-Dodecane (C12)	6.347	3168049	17.978 ug/ml
5) T A~2-methylnaphthalene...	6.985	2946987	17.301 ug/ml
6) T n-Tetradecane (C14)	8.132	2965864	17.056 ug/mlm
7) T n-Hexadecane (C16)	9.725	3078308	17.231 ug/ml
8) T n-Octadecane (C18)	11.157	3135648	17.251 ug/ml
10) T n-Eicosane (C20)	12.456	3065275	17.555 ug/ml
11) T n-Heneicosane (C21)	13.063	3056728	17.630 ug/ml
13) T n-Docosane (C22)	13.646	3063621	17.813 ug/mlm
14) T n-Tetracosane (C24)	14.739	3140498	18.387 ug/mlm
15) T n-Hexacosane (C26)	15.753	3193413	18.965 ug/ml
16) T n-Octacosane (C28)	16.696	3240394	19.490 ug/ml
17) T n-Tricontane (C30)	17.577	3378154	19.785 ug/ml
18) T n-Dotriacontane (C32)	18.403	3345417	19.845 ug/mlm
19) T n-Tetratriacontane (C34)	19.182	3216930	19.628 ug/ml
20) T n-Hexatriacontane (C36)	19.917	3067568	19.293 ug/mlm
21) T n-Octatriacontane (C38)	20.626	3007027	19.197 ug/ml
22) T n-Tetracontane (C40)	21.480	2923021	18.484 ug/mlm

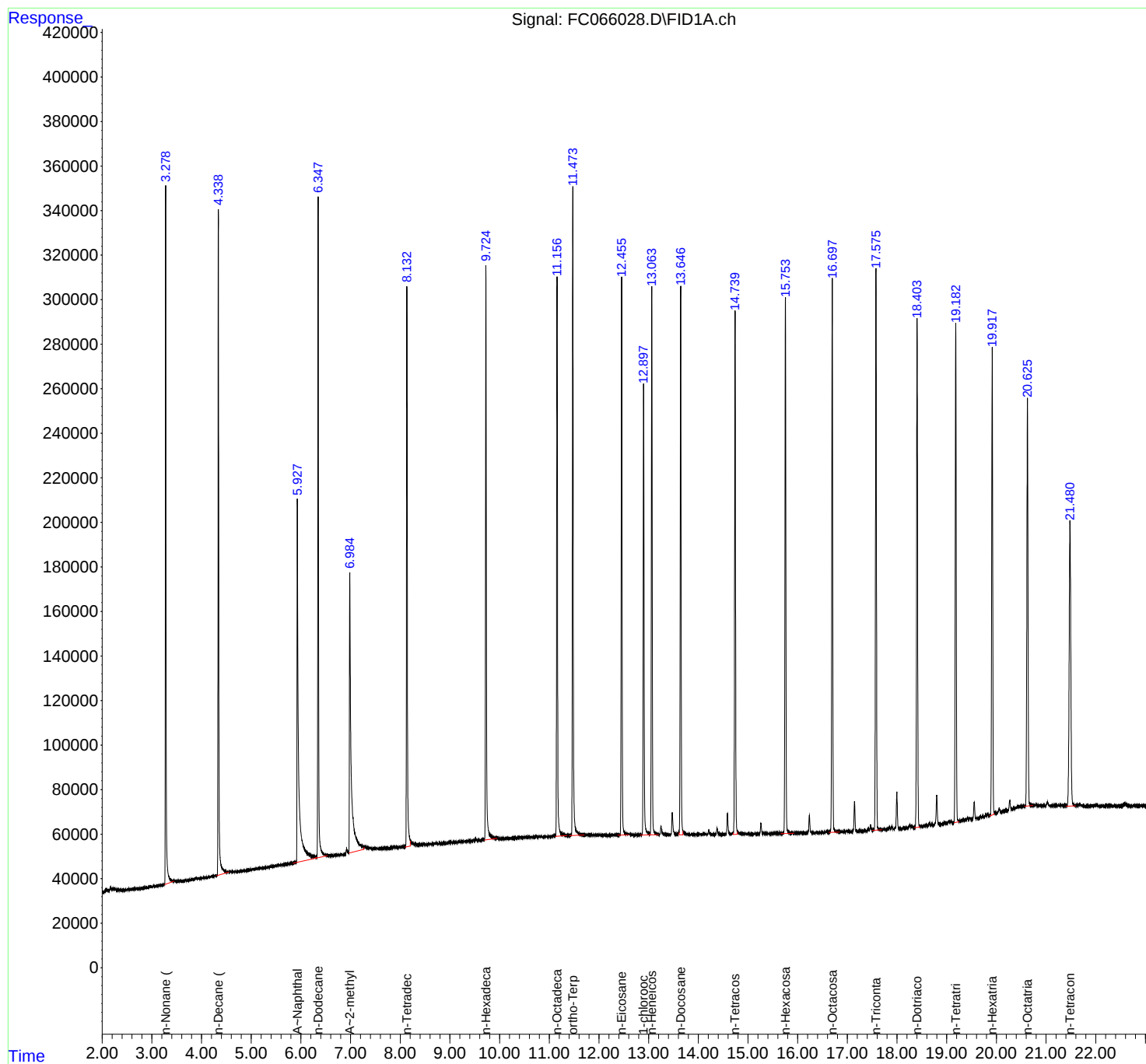
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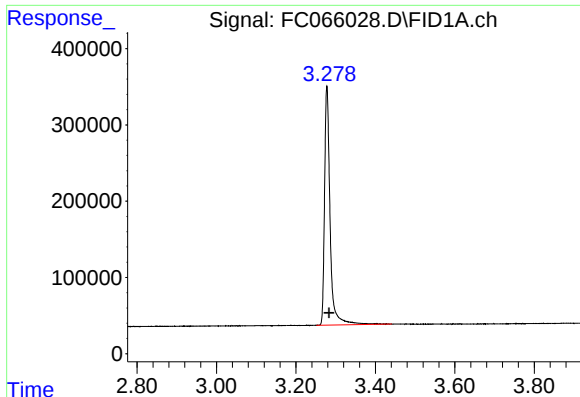
(m)=manual int.

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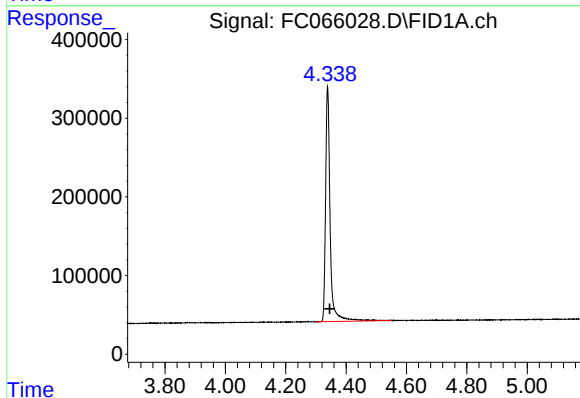
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Signal Info : 20M x 0.18mm x 0.18um





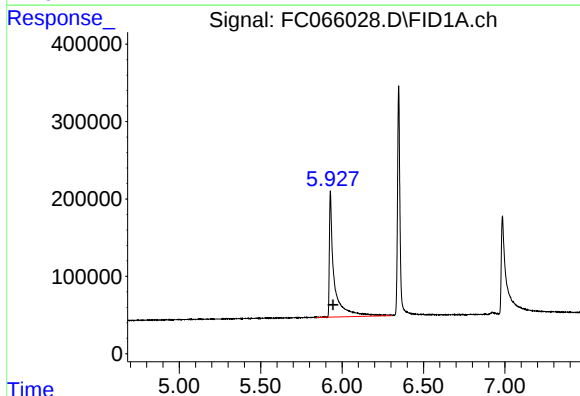
#1 n-Nonane (C9)

R.T.: 3.278 min
Delta R.T.: -0.006 min
Response: 3037893
Conc: 18.18 ug/ml



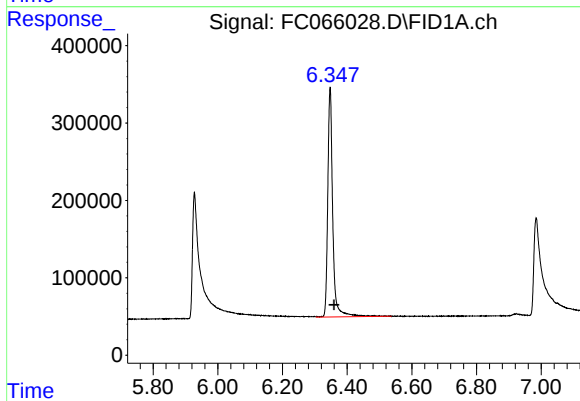
#2 n-Decane (C10)

R.T.: 4.339 min
Delta R.T.: -0.008 min
Response: 3113909
Conc: 17.95 ug/ml



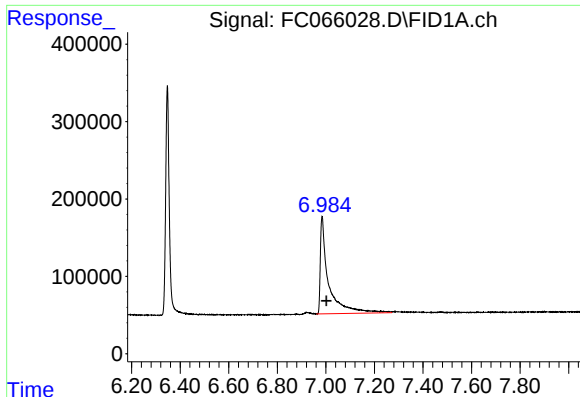
#3 A~Naphthalene (C11.7)

R.T.: 5.929 min
Delta R.T.: -0.016 min
Response: 3332045
Conc: 18.57 ug/ml



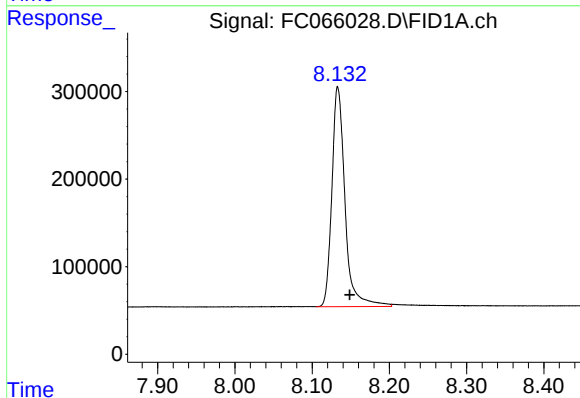
#4 n-Dodecane (C12)

R.T.: 6.347 min
Delta R.T.: -0.013 min
Response: 3168049
Conc: 17.98 ug/ml



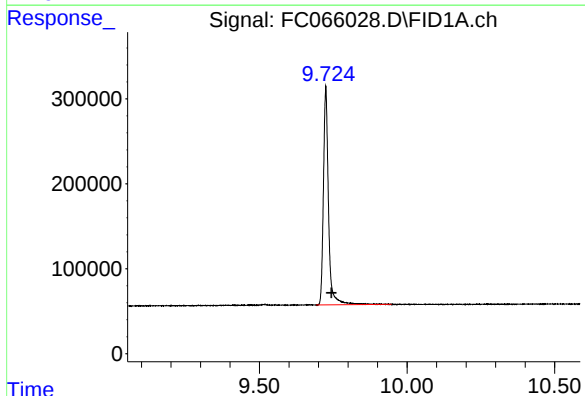
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.985 min
Delta R.T.: -0.017 min
Response: 2946987
Conc: 17.30 ug/ml



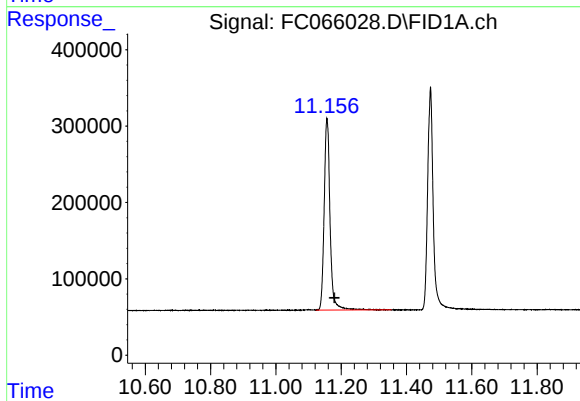
#6 n-Tetradecane (C14)

R.T.: 8.132 min
Delta R.T.: -0.016 min
Response: 2965864
Conc: 17.06 ug/ml m



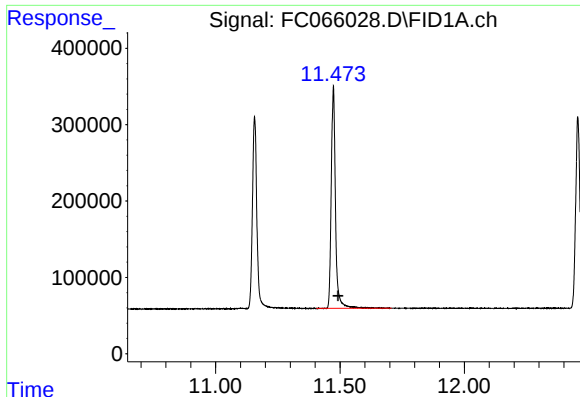
#7 n-Hexadecane (C16)

R.T.: 9.725 min
Delta R.T.: -0.019 min
Response: 3078308
Conc: 17.23 ug/ml



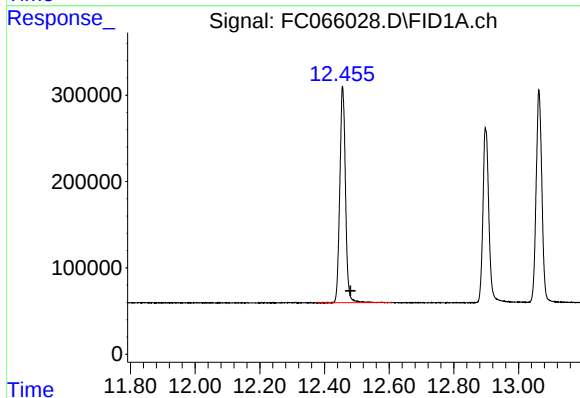
#8 n-Octadecane (C18)

R.T.: 11.157 min
Delta R.T.: -0.022 min
Response: 3135648
Conc: 17.25 ug/ml



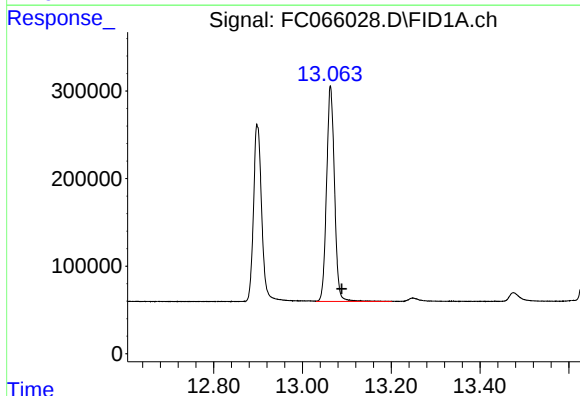
#9 ortho-Terphenyl (SURR)

R.T.: 11.473 min
Delta R.T.: -0.020 min
Response: 3471495
Conc: 17.76 ug/ml



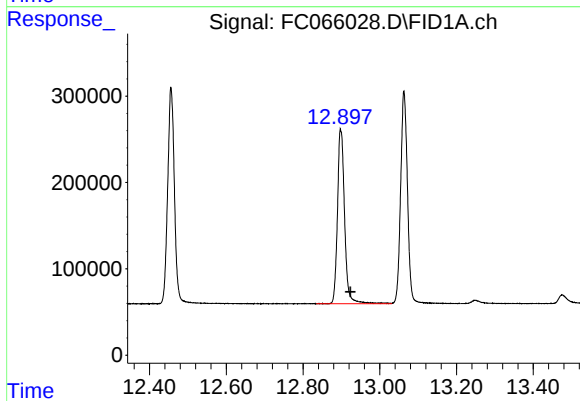
#10 n-Eicosane (C20)

R.T.: 12.456 min
Delta R.T.: -0.024 min
Response: 3065275
Conc: 17.55 ug/ml



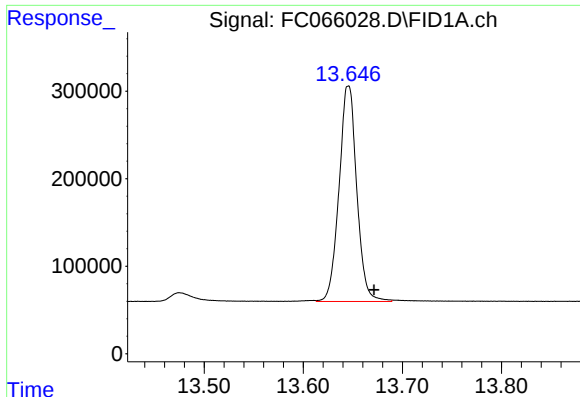
#11 n-Heneicosane (C21)

R.T.: 13.063 min
Delta R.T.: -0.025 min
Response: 3056728
Conc: 17.63 ug/ml



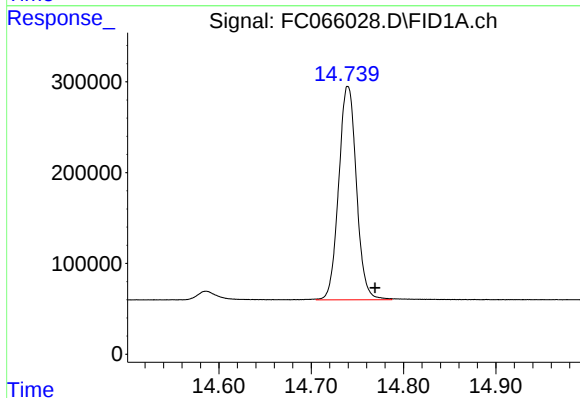
#12 1-chlorooctadecane (SURR)

R.T.: 12.899 min
Delta R.T.: -0.025 min
Response: 2604033
Conc: 17.86 ug/ml



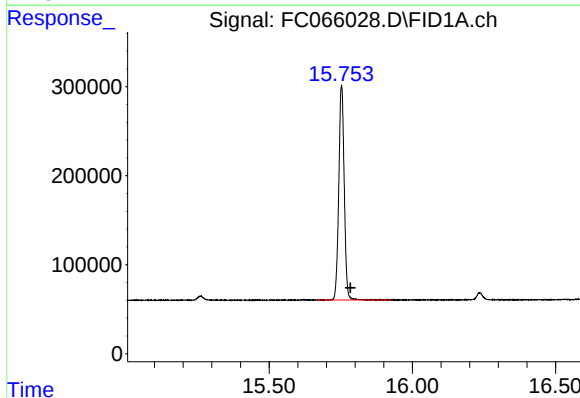
#13 n-Docosane (C22)

R.T.: 13.646 min
Delta R.T.: -0.026 min
Response: 3063621
Conc: 17.81 ug/ml m



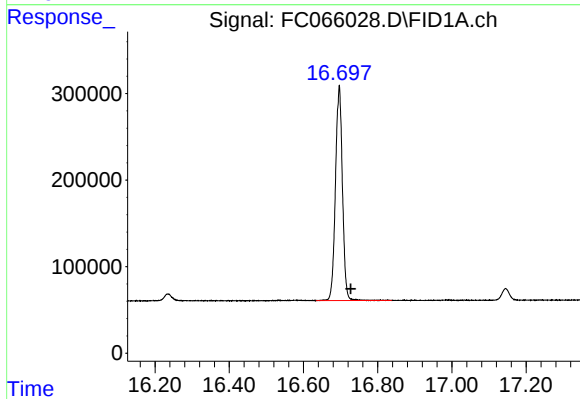
#14 n-Tetracosane (C24)

R.T.: 14.739 min
Delta R.T.: -0.031 min
Response: 3140498
Conc: 18.39 ug/ml m



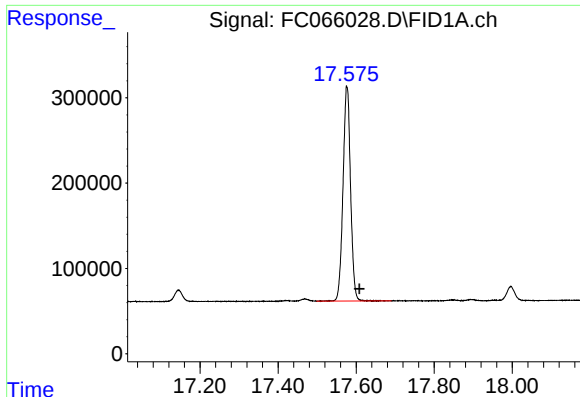
#15 n-Hexacosane (C26)

R.T.: 15.753 min
Delta R.T.: -0.031 min
Response: 3193413
Conc: 18.96 ug/ml



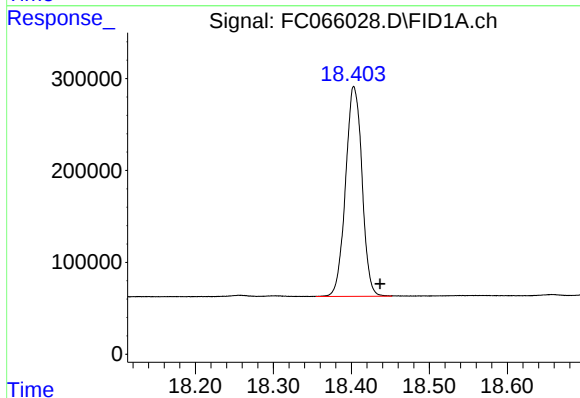
#16 n-Octacosane (C28)

R.T.: 16.696 min
Delta R.T.: -0.031 min
Response: 3240394
Conc: 19.49 ug/ml



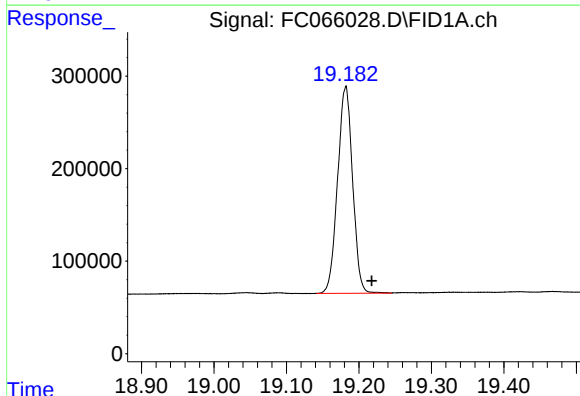
#17 n-Tricontane (C30)

R.T.: 17.577 min
Delta R.T.: -0.032 min
Response: 3378154
Conc: 19.79 ug/ml



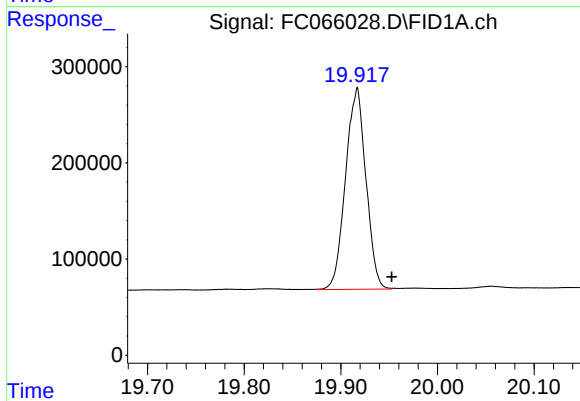
#18 n-Dotriacontane (C32)

R.T.: 18.403 min
Delta R.T.: -0.034 min
Response: 3345417
Conc: 19.85 ug/ml m



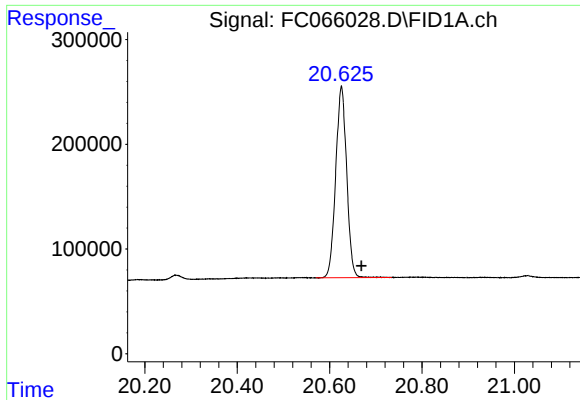
#19 n-Tetratriacontane (C34)

R.T.: 19.182 min
Delta R.T.: -0.036 min
Response: 3216930
Conc: 19.63 ug/ml



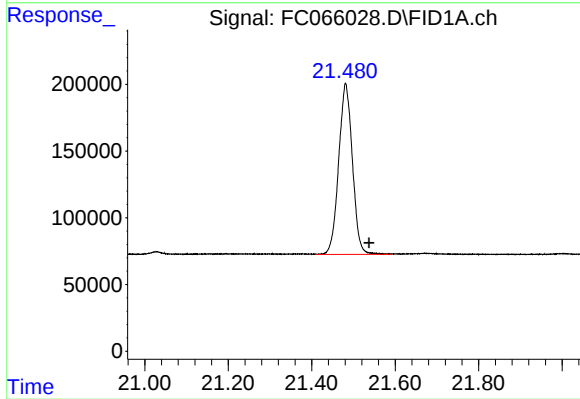
#20 n-Hexatriacontane (C36)

R.T.: 19.917 min
Delta R.T.: -0.036 min
Response: 3067568
Conc: 19.29 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.626 min
Delta R.T.: -0.043 min
Response: 3007027
Conc: 19.20 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.480 min
Delta R.T.: -0.057 min
Response: 2923021
Conc: 18.48 ug/ml m