

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC031824AL\
 Data File : FC066031.D
 Signal(s) : FID1A.ch
 Acq On : 18 Mar 2024 09:27
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Mar 19 04:57:20 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	3928473	20.102 ug/ml
Spiked Amount 50.000		Recovery =	40.20%
12) S 1-chlorooctadecane (S...	12.901	2809910	19.274 ug/ml
Spiked Amount 50.000		Recovery =	38.55%
Target Compounds			
1) T n-Nonane (C9)	3.279	3447468	20.635 ug/ml
2) T n-Decane (C10)	4.339	3489534	20.120 ug/ml
3) T A~Naphthalene (C11.7)	5.929	3760738	20.956 ug/ml
4) T n-Dodecane (C12)	6.348	3560116	20.202 ug/ml
5) T A~2-methylnaphthalene...	6.985	3317259	19.475 ug/ml
6) T n-Tetradecane (C14)	8.134	3457022	19.880 ug/ml
7) T n-Hexadecane (C16)	9.726	3484364	19.504 ug/ml
8) T n-Octadecane (C18)	11.158	3472092	19.102 ug/ml
10) T n-Eicosane (C20)	12.459	3454505	19.784 ug/ml
11) T n-Heneicosane (C21)	13.066	3423026	19.743 ug/ml
13) T n-Docosane (C22)	13.648	3483697	20.256 ug/ml
14) T n-Tetracosane (C24)	14.742	3575243	20.933 ug/ml
15) T n-Hexacosane (C26)	15.755	3602390	21.393 ug/ml
16) T n-Octacosane (C28)	16.698	3681071	22.140 ug/ml
17) T n-Tricontane (C30)	17.579	3873214	22.685 ug/ml
18) T n-Dotriacontane (C32)	18.404	3809341	22.597 ug/mlm
19) T n-Tetratriacontane (C34)	19.184	3619109	22.082 ug/ml
20) T n-Hexatriacontane (C36)	19.917	3388684	21.313 ug/mlm
21) T n-Octatriacontane (C38)	20.627	3274721	20.906 ug/ml
22) T n-Tetracontane (C40)	21.482	2966950	18.762 ug/ml

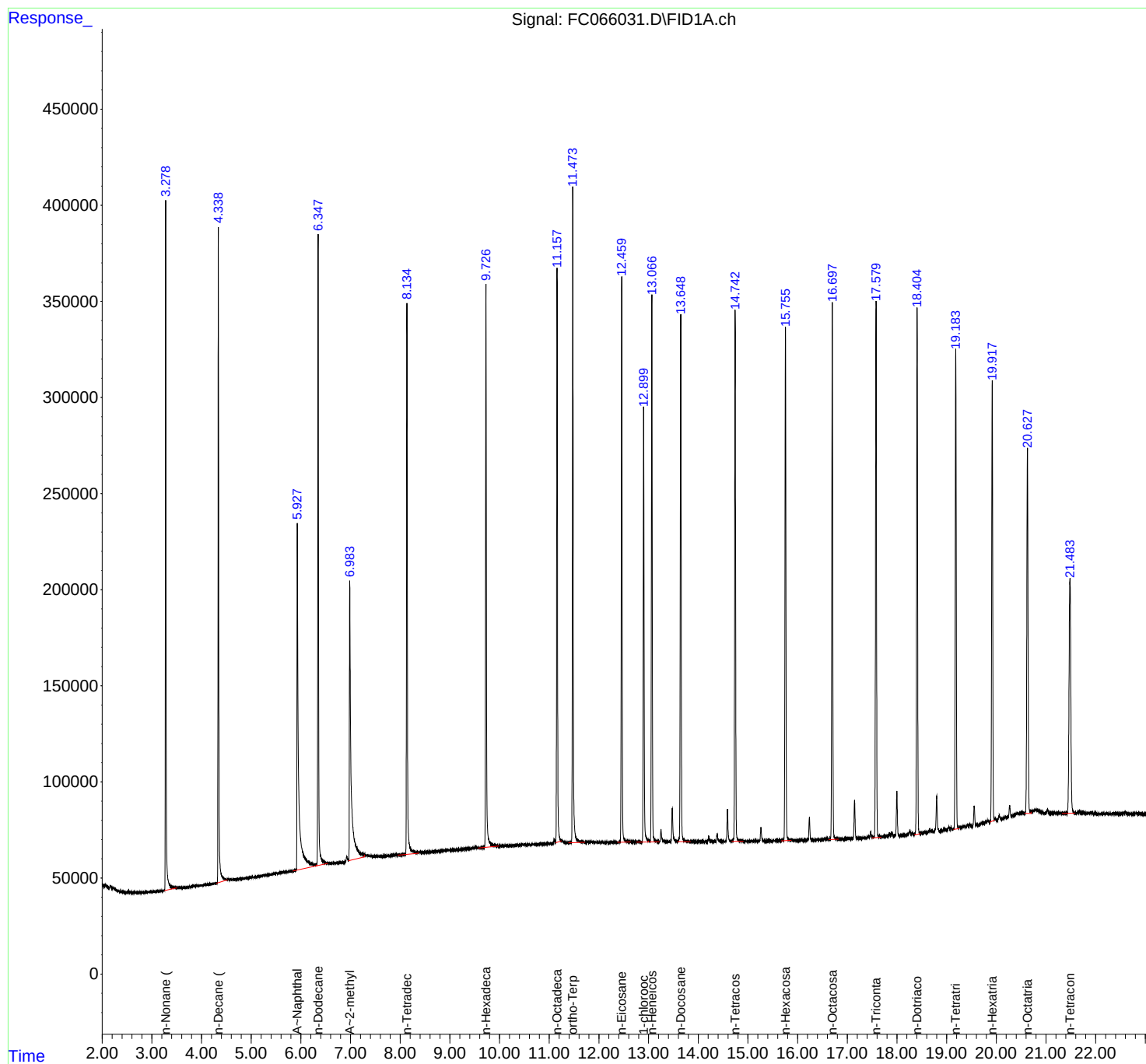
(f)=RT Delta > 1/2 Window

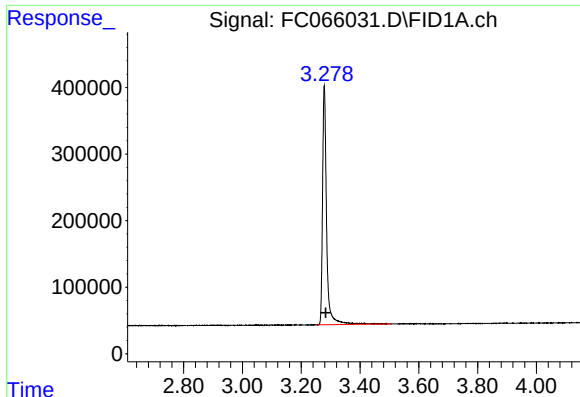
(m)=manual int.

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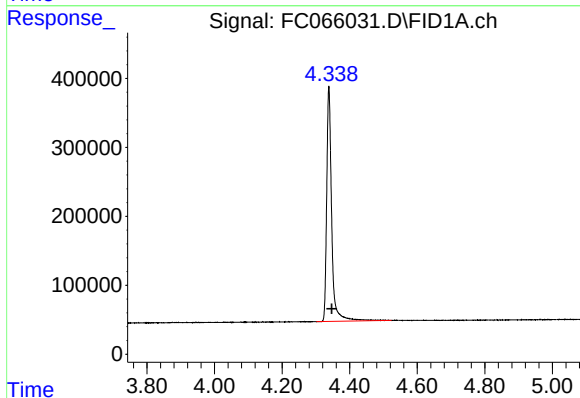
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Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





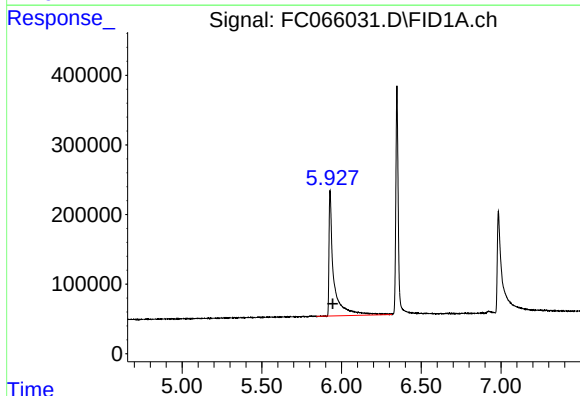
#1 n-Nonane (C9)

R.T.: 3.279 min
Delta R.T.: -0.005 min
Response: 3447468
Conc: 20.63 ug/ml



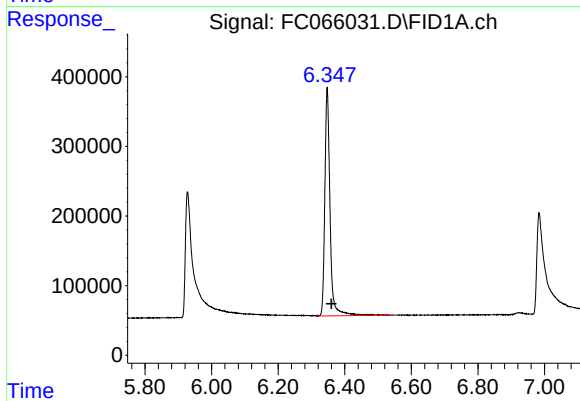
#2 n-Decane (C10)

R.T.: 4.339 min
Delta R.T.: -0.008 min
Response: 3489534
Conc: 20.12 ug/ml



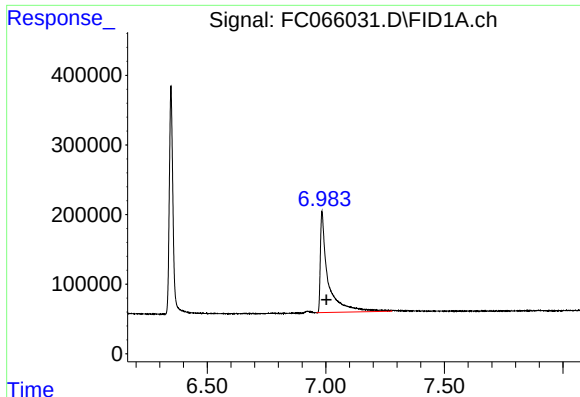
#3 A~Naphthalene (C11.7)

R.T.: 5.929 min
Delta R.T.: -0.016 min
Response: 3760738
Conc: 20.96 ug/ml



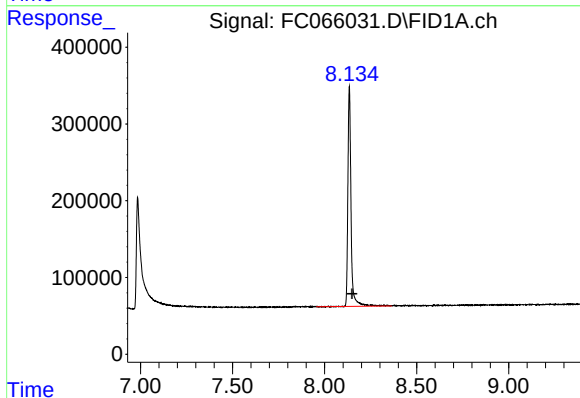
#4 n-Dodecane (C12)

R.T.: 6.348 min
Delta R.T.: -0.012 min
Response: 3560116
Conc: 20.20 ug/ml



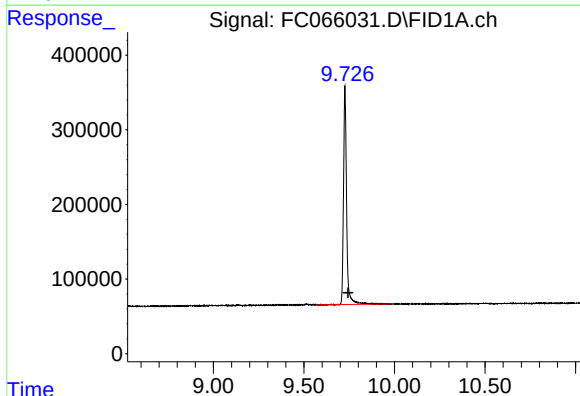
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.985 min
Delta R.T.: -0.018 min
Response: 3317259
Conc: 19.47 ug/ml



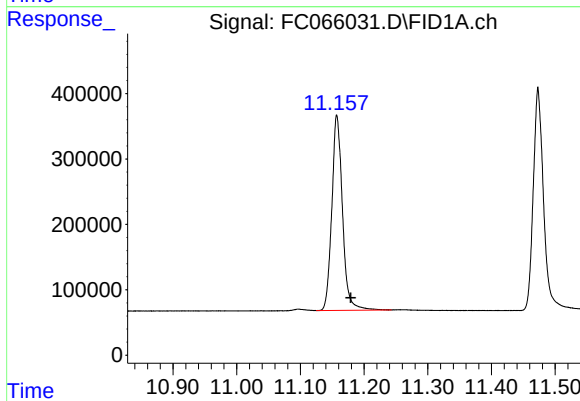
#6 n-Tetradecane (C14)

R.T.: 8.134 min
Delta R.T.: -0.015 min
Response: 3457022
Conc: 19.88 ug/ml



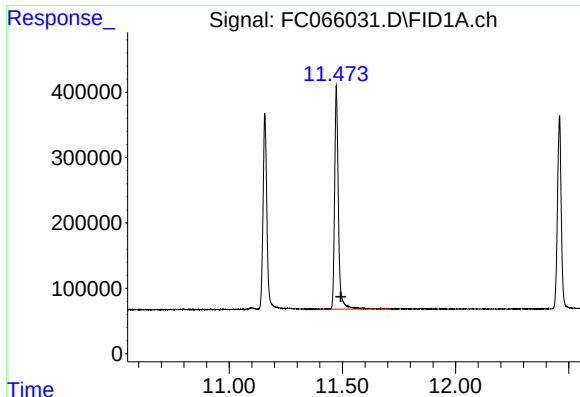
#7 n-Hexadecane (C16)

R.T.: 9.726 min
Delta R.T.: -0.017 min
Response: 3484364
Conc: 19.50 ug/ml



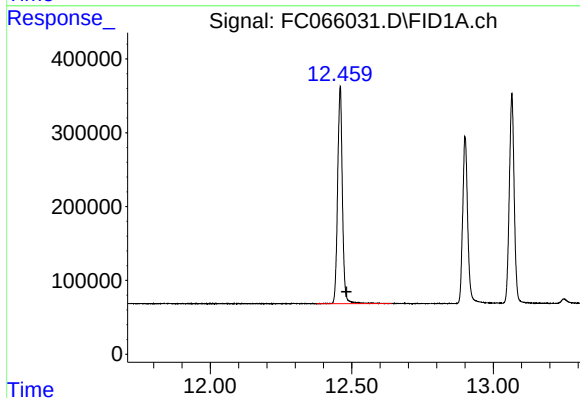
#8 n-Octadecane (C18)

R.T.: 11.158 min
Delta R.T.: -0.021 min
Response: 3472092
Conc: 19.10 ug/ml



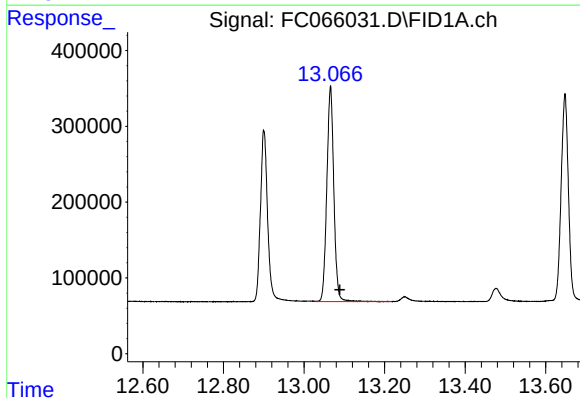
#9 ortho-Terphenyl (SURR)

R.T.: 11.473 min
Delta R.T.: -0.019 min
Response: 3928473
Conc: 20.10 ug/ml



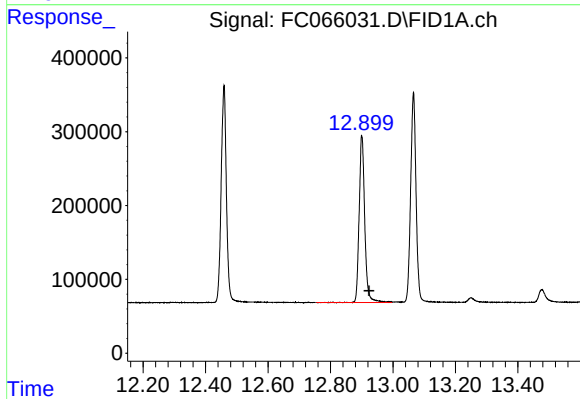
#10 n-Eicosane (C20)

R.T.: 12.459 min
Delta R.T.: -0.022 min
Response: 3454505
Conc: 19.78 ug/ml



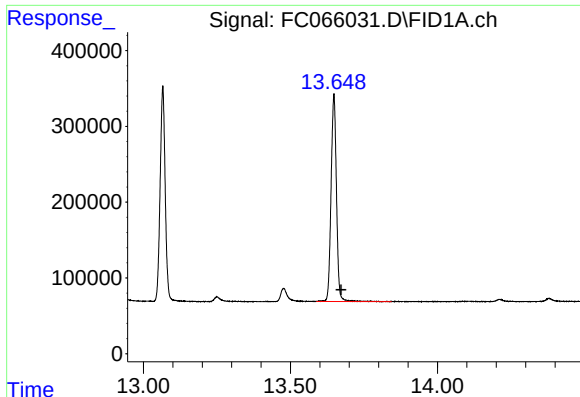
#11 n-Heneicosane (C21)

R.T.: 13.066 min
Delta R.T.: -0.023 min
Response: 3423026
Conc: 19.74 ug/ml



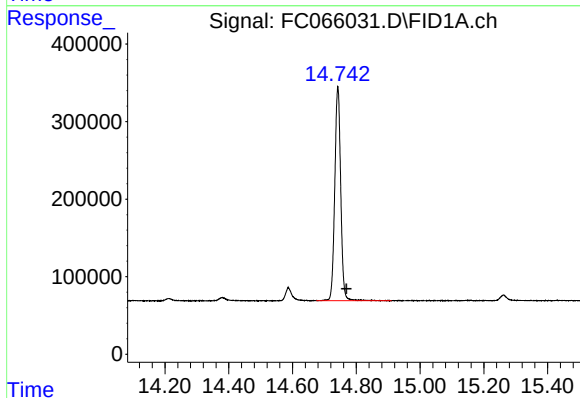
#12 1-chlorooctadecane (SURR)

R.T.: 12.901 min
Delta R.T.: -0.023 min
Response: 2809910
Conc: 19.27 ug/ml



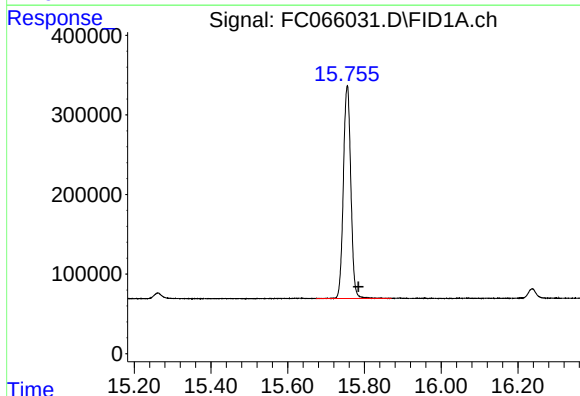
#13 n-Docosane (C22)

R.T.: 13.648 min
Delta R.T.: -0.024 min
Response: 3483697
Conc: 20.26 ug/ml



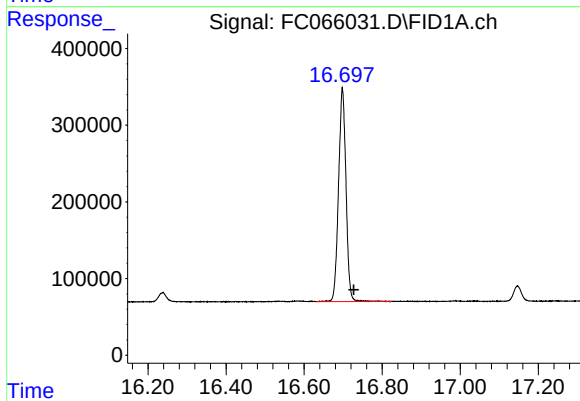
#14 n-Tetracosane (C24)

R.T.: 14.742 min
Delta R.T.: -0.027 min
Response: 3575243
Conc: 20.93 ug/ml



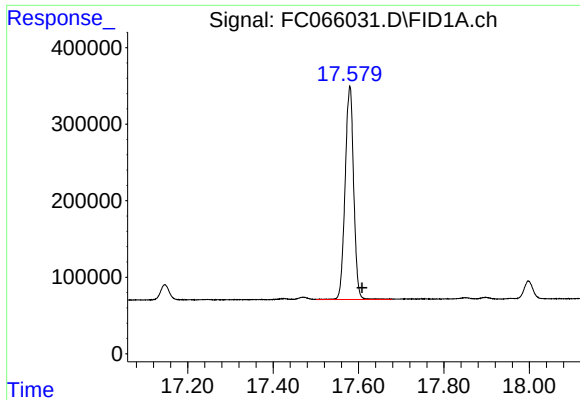
#15 n-Hexacosane (C26)

R.T.: 15.755 min
Delta R.T.: -0.029 min
Response: 3602390
Conc: 21.39 ug/ml



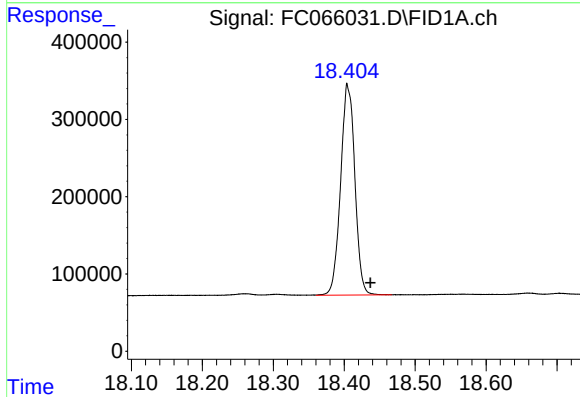
#16 n-Octacosane (C28)

R.T.: 16.698 min
Delta R.T.: -0.029 min
Response: 3681071
Conc: 22.14 ug/ml



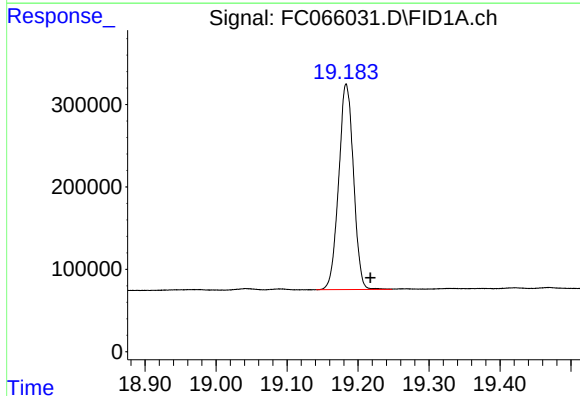
#17 n-Tricontane (C30)

R.T.: 17.579 min
Delta R.T.: -0.029 min
Response: 3873214
Conc: 22.68 ug/ml



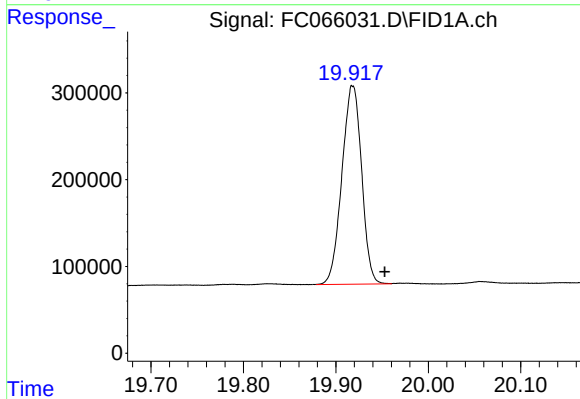
#18 n-Dotriacontane (C32)

R.T.: 18.404 min
Delta R.T.: -0.033 min
Response: 3809341
Conc: 22.60 ug/ml m



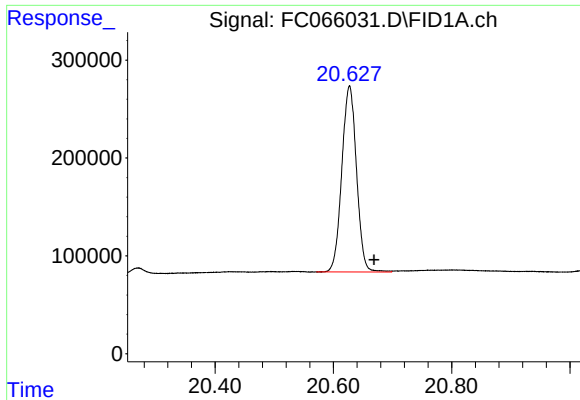
#19 n-Tetratriacontane (C34)

R.T.: 19.184 min
Delta R.T.: -0.034 min
Response: 3619109
Conc: 22.08 ug/ml



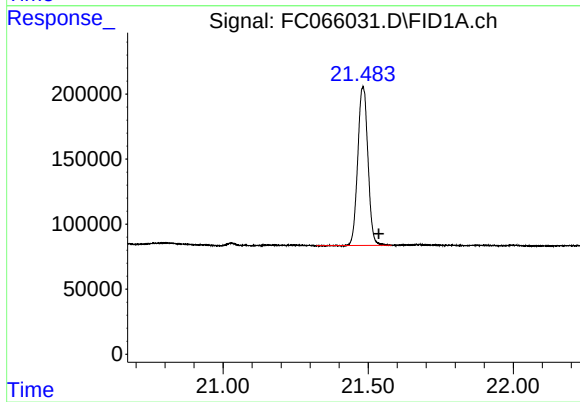
#20 n-Hexatriacontane (C36)

R.T.: 19.917 min
Delta R.T.: -0.036 min
Response: 3388684
Conc: 21.31 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.627 min
Delta R.T.: -0.042 min
Response: 3274721
Conc: 20.91 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.482 min
Delta R.T.: -0.055 min
Response: 2966950
Conc: 18.76 ug/ml