

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC032924AL\
 Data File : FC066153.D
 Signal(s) : FID1A.ch
 Acq On : 30 Mar 2024 01:49
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Mar 30 02:40:50 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	3442260	17.614 ug/ml
Spiked Amount 50.000		Recovery =	35.23%
12) S 1-chlorooctadecane (S...	12.901	2580924	17.703 ug/ml
Spiked Amount 50.000		Recovery =	35.41%
Target Compounds			
1) T n-Nonane (C9)	3.273	2819776	16.878 ug/ml
2) T n-Decane (C10)	4.333	2989818	17.239 ug/ml
3) T A~Naphthalene (C11.7)	5.923	3161919	17.619 ug/ml
4) T n-Dodecane (C12)	6.343	3090193	17.536 ug/ml
5) T A~2-methylnaphthalene...	6.979	2824310	16.581 ug/ml
6) T n-Tetradecane (C14)	8.132	2949786	16.963 ug/ml
7) T n-Hexadecane (C16)	9.725	3095635	17.328 ug/ml
8) T n-Octadecane (C18)	11.158	3152071	17.342 ug/ml
10) T n-Eicosane (C20)	12.459	3083187	17.657 ug/ml
11) T n-Heneicosane (C21)	13.067	3051825	17.602 ug/ml
13) T n-Docosane (C22)	13.649	3138457	18.249 ug/ml
14) T n-Tetracosane (C24)	14.744	3232523	18.926 ug/ml
15) T n-Hexacosane (C26)	15.757	3283211	19.498 ug/ml
16) T n-Octacosane (C28)	16.701	3439261	20.686 ug/ml
17) T n-Tricontane (C30)	17.583	3776032	22.116 ug/ml
18) T n-Dotriacontane (C32)	18.409	3800674	22.546 ug/mlm
19) T n-Tetratriacontane (C34)	19.187	3522838	21.494 ug/ml
20) T n-Hexatriacontane (C36)	19.920	3200437	20.129 ug/mlm
21) T n-Octatriacontane (C38)	20.633	3029047	19.338 ug/ml
22) T n-Tetracontane (C40)	21.491	3076407	19.454 ug/mlm

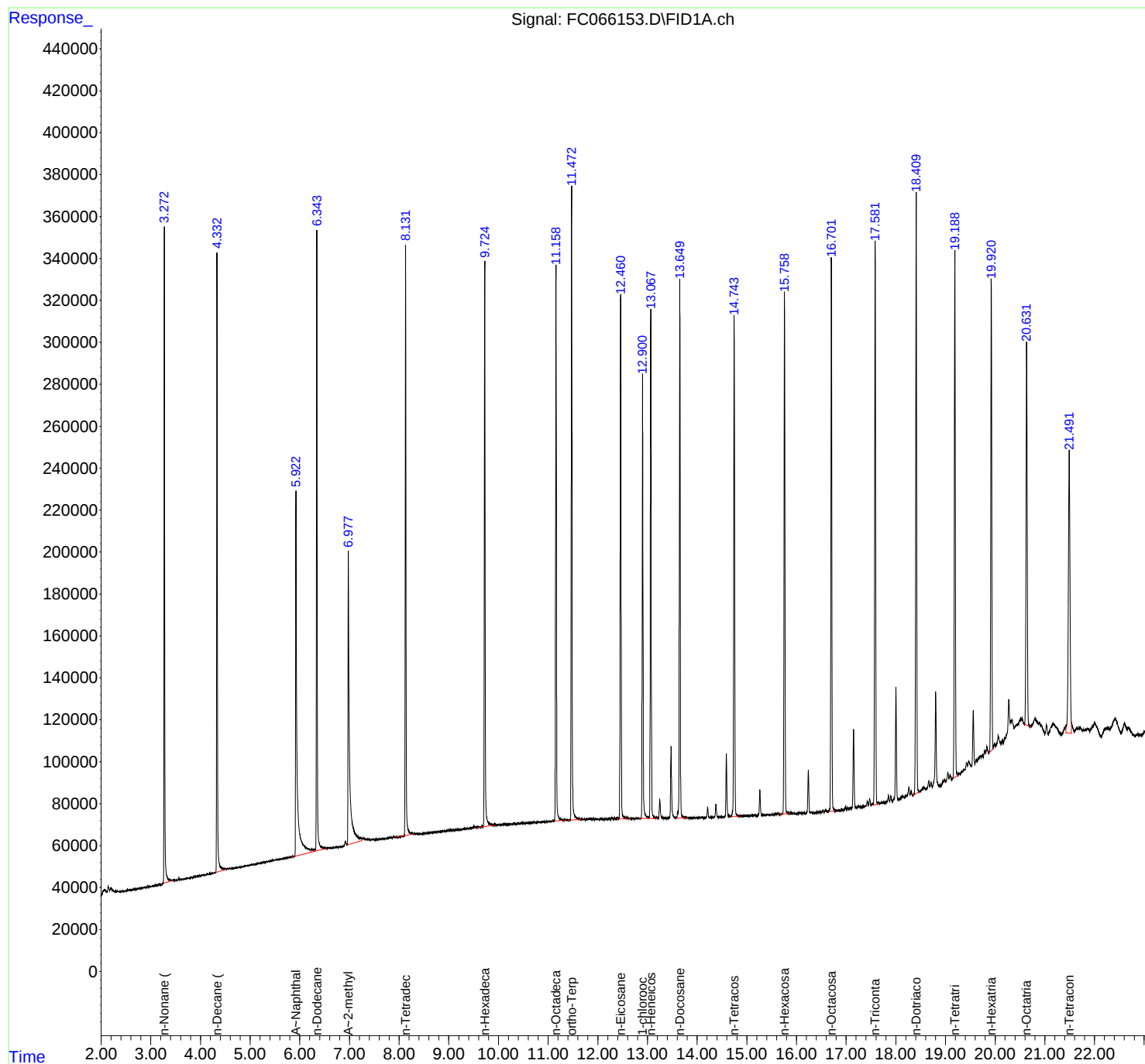
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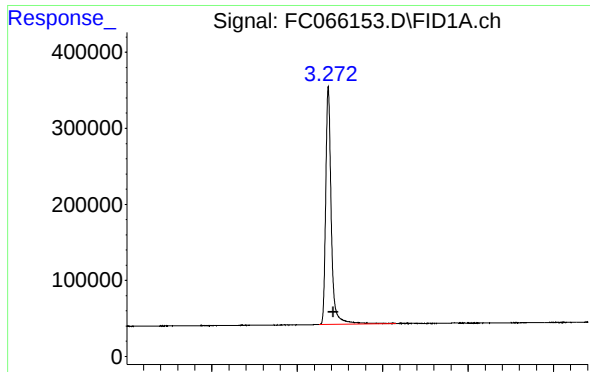
(m)=manual int.

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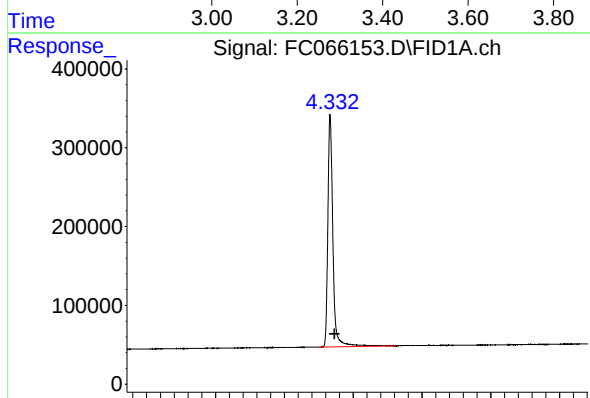
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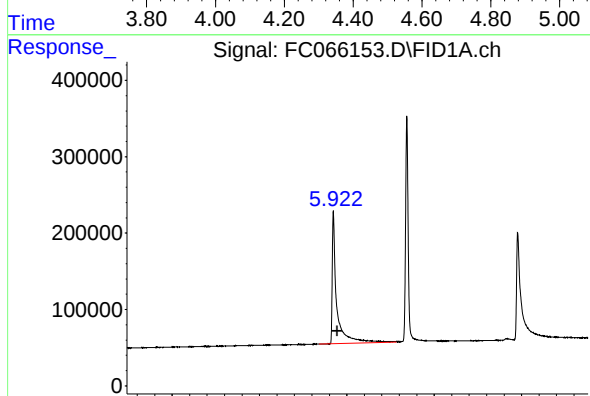
#1 n-Nonane (C9)

R.T.: 3.273 min
Delta R.T.: -0.011 min
Response: 2819776
Conc: 16.88 ug/ml



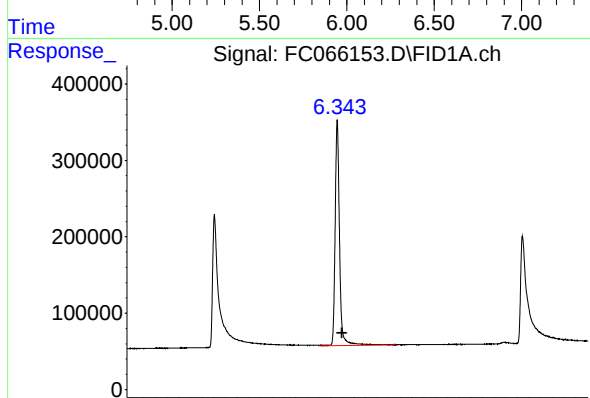
#2 n-Decane (C10)

R.T.: 4.333 min
Delta R.T.: -0.013 min
Response: 2989818
Conc: 17.24 ug/ml



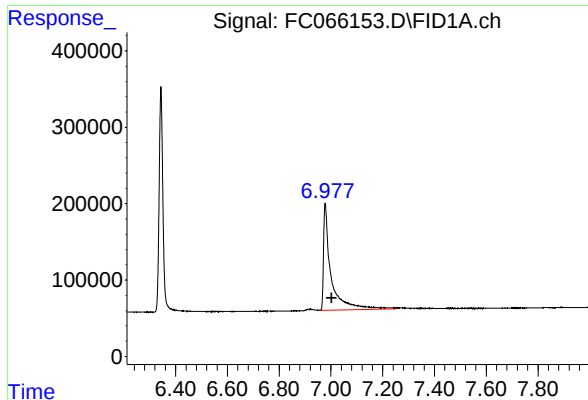
#3 A~Naphthalene (C11.7)

R.T.: 5.923 min
Delta R.T.: -0.022 min
Response: 3161919
Conc: 17.62 ug/ml



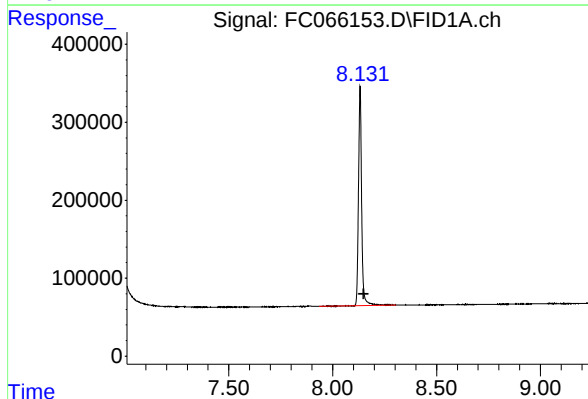
#4 n-Dodecane (C12)

R.T.: 6.343 min
Delta R.T.: -0.017 min
Response: 3090193
Conc: 17.54 ug/ml



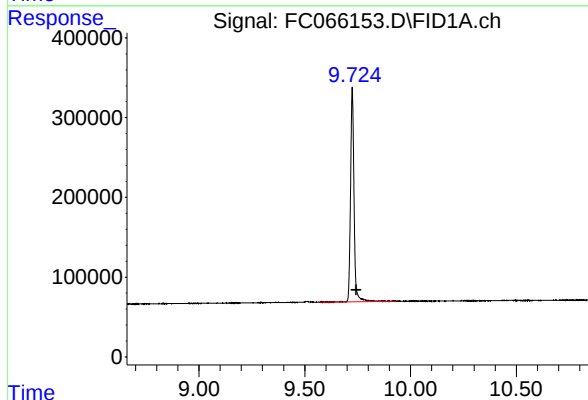
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.979 min
Delta R.T.: -0.024 min
Response: 2824310
Conc: 16.58 ug/ml



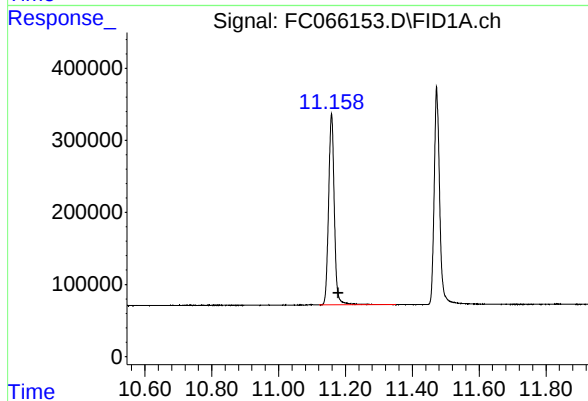
#6 n-Tetradecane (C14)

R.T.: 8.132 min
Delta R.T.: -0.017 min
Response: 2949786
Conc: 16.96 ug/ml



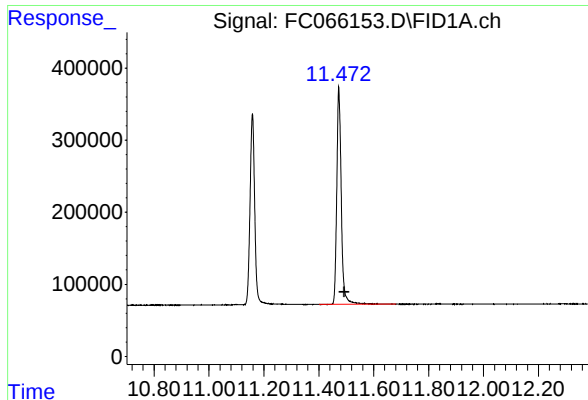
#7 n-Hexadecane (C16)

R.T.: 9.725 min
Delta R.T.: -0.019 min
Response: 3095635
Conc: 17.33 ug/ml



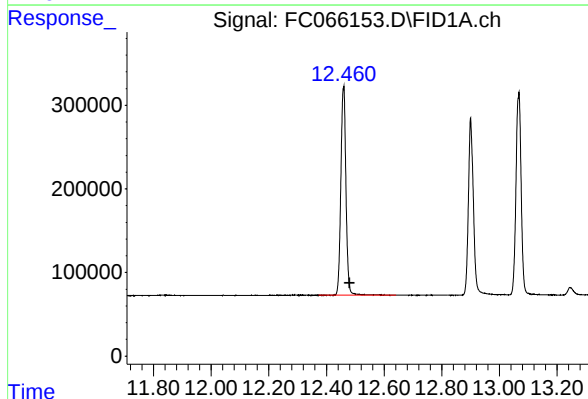
#8 n-Octadecane (C18)

R.T.: 11.158 min
Delta R.T.: -0.021 min
Response: 3152071
Conc: 17.34 ug/ml



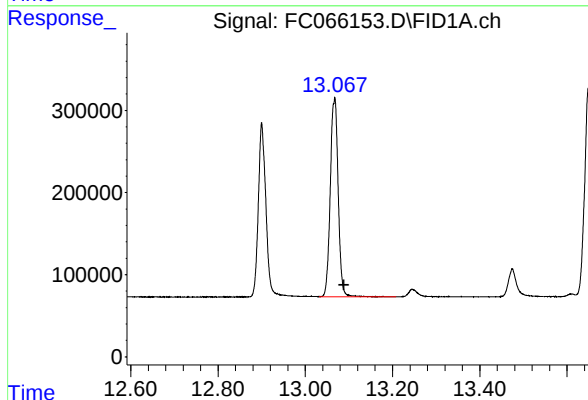
#9 ortho-Terphenyl (SURR)

R.T.: 11.473 min
Delta R.T.: -0.020 min
Response: 3442260
Conc: 17.61 ug/ml



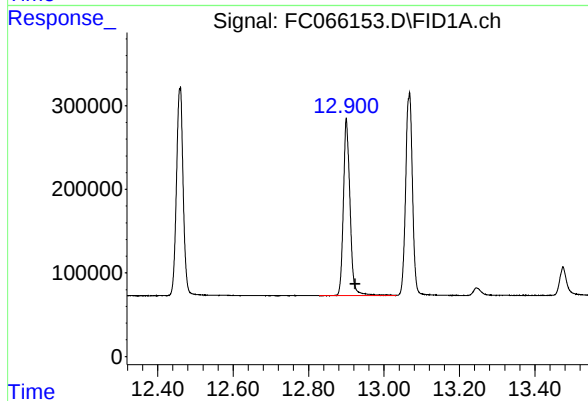
#10 n-Eicosane (C20)

R.T.: 12.459 min
Delta R.T.: -0.022 min
Response: 3083187
Conc: 17.66 ug/ml



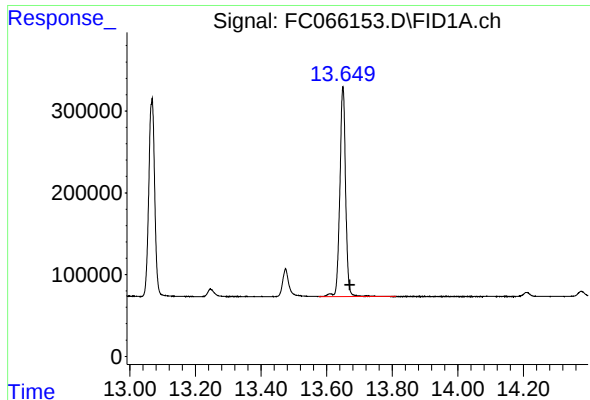
#11 n-Heneicosane (C21)

R.T.: 13.067 min
Delta R.T.: -0.022 min
Response: 3051825
Conc: 17.60 ug/ml



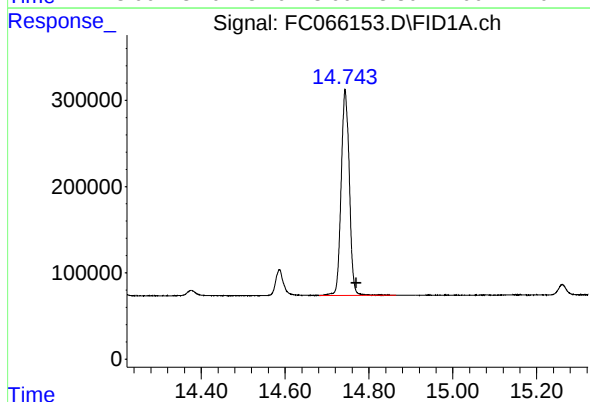
#12 1-chlorooctadecane (SURR)

R.T.: 12.901 min
Delta R.T.: -0.023 min
Response: 2580924
Conc: 17.70 ug/ml



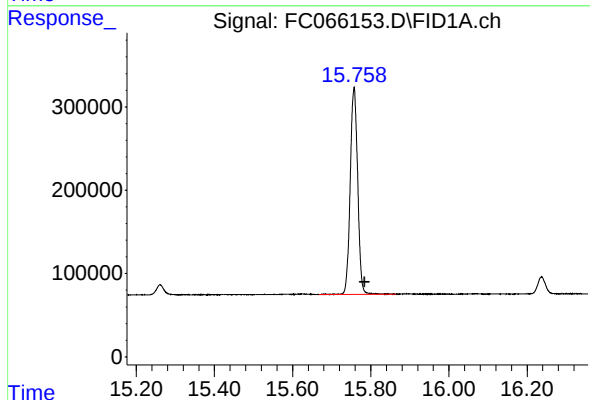
#13 n-Docosane (C22)

R.T.: 13.649 min
Delta R.T.: -0.022 min
Response: 3138457
Conc: 18.25 ug/ml



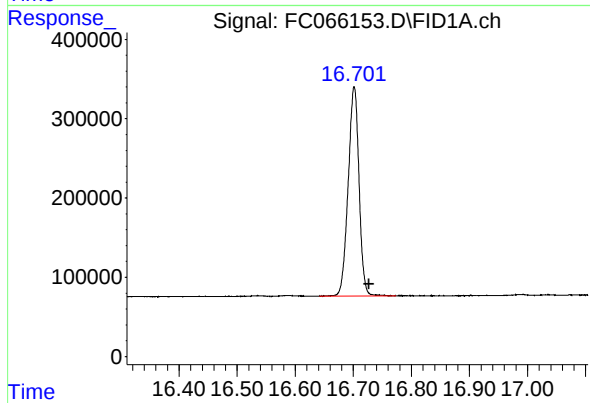
#14 n-Tetracosane (C24)

R.T.: 14.744 min
Delta R.T.: -0.026 min
Response: 3232523
Conc: 18.93 ug/ml



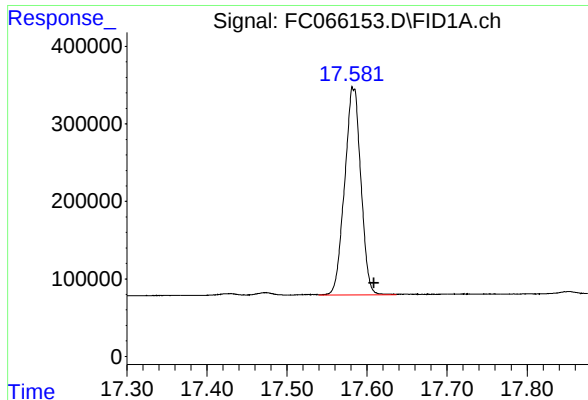
#15 n-Hexacosane (C26)

R.T.: 15.757 min
Delta R.T.: -0.027 min
Response: 3283211
Conc: 19.50 ug/ml



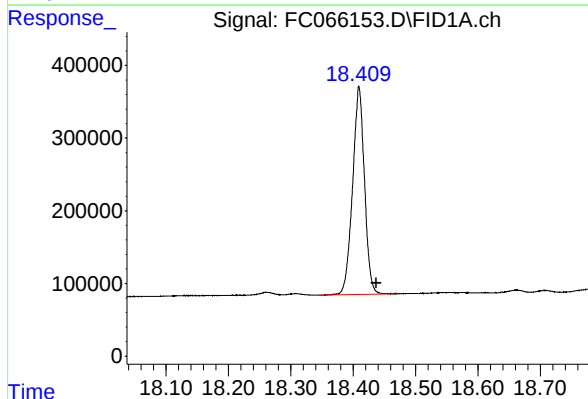
#16 n-Octacosane (C28)

R.T.: 16.701 min
Delta R.T.: -0.026 min
Response: 3439261
Conc: 20.69 ug/ml



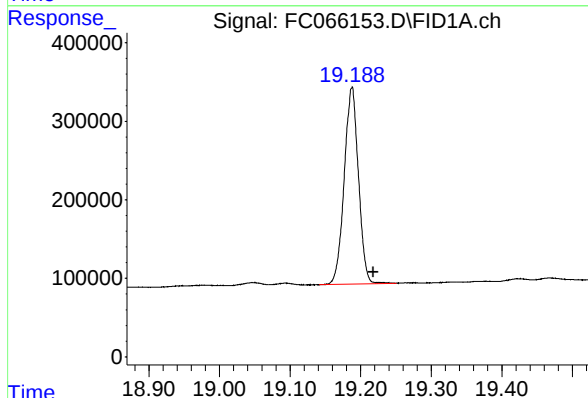
#17 n-Tricontane (C30)

R.T.: 17.583 min
Delta R.T.: -0.026 min
Response: 3776032
Conc: 22.12 ug/ml



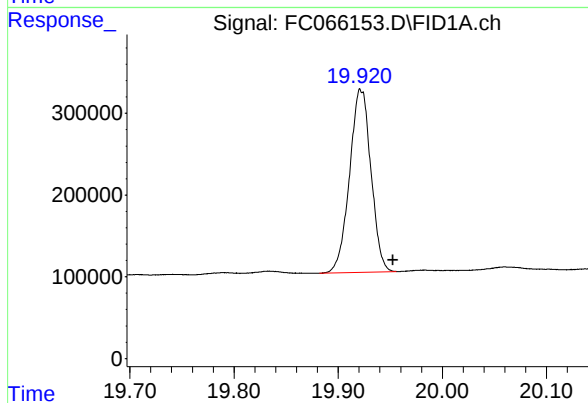
#18 n-Dotriacontane (C32)

R.T.: 18.409 min
Delta R.T.: -0.028 min
Response: 3800674
Conc: 22.55 ug/ml m



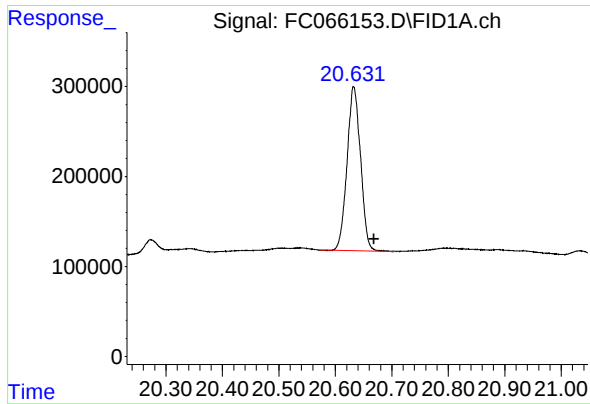
#19 n-Tetatriacontane (C34)

R.T.: 19.187 min
Delta R.T.: -0.030 min
Response: 3522838
Conc: 21.49 ug/ml



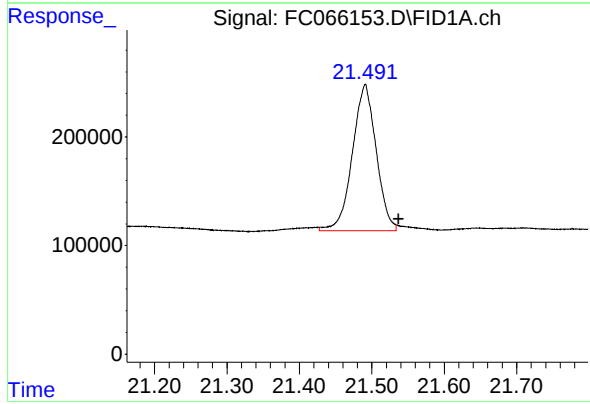
#20 n-Hexatriacontane (C36)

R.T.: 19.920 min
Delta R.T.: -0.032 min
Response: 3200437
Conc: 20.13 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.633 min
Delta R.T.: -0.036 min
Response: 3029047
Conc: 19.34 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.491 min
Delta R.T.: -0.046 min
Response: 3076407
Conc: 19.45 ug/ml m