

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC041524AL\
 Data File : FC066208.D
 Signal(s) : FID1A.ch
 Acq On : 16 Apr 2024 00:56
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Apr 16 08:24:44 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 041524.M
 Quant Title : GC Extractables
 QLast Update : Tue Apr 16 08:19:15 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)	11.573	2689990	19.480 ug/ml
Spiked Amount 50.000		Recovery =	38.96%
12) S 1-chlorooctadecane (S...	13.013	1917243	19.539 ug/ml
Spiked Amount 50.000		Recovery =	39.08%
Target Compounds			
1) T n-Nonane (C9)	3.329	2514728	19.534 ug/ml
2) T n-Decane (C10)	4.397	2538710	19.470 ug/ml
3) T A~Naphthalene (C11.7)	5.980	2813778	19.619 ug/ml
4) T n-Dodecane (C12)	6.417	2495815	19.275 ug/ml
5) T A~2-methylnaphthalene...	7.037	2678266	19.450 ug/ml
6) T n-Tetradecane (C14)	8.213	2427866	19.289 ug/ml
7) T n-Hexadecane (C16)	9.815	2465218	19.354 ug/ml
8) T n-Octadecane (C18)	11.258	2472278	19.423 ug/ml
10) T n-Eicosane (C20)	12.568	2342204	19.436 ug/ml
11) T n-Heneicosane (C21)	13.181	2300704	19.444 ug/ml
13) T n-Docosane (C22)	13.768	2283402	19.451 ug/ml
14) T n-Tetracosane (C24)	14.872	2280918	19.550 ug/ml
15) T n-Hexacosane (C26)	15.893	2249923	19.571 ug/ml
16) T n-Octacosane (C28)	16.844	2221595	19.603 ug/ml
17) T n-Tricontane (C30)	17.732	2263195	19.536 ug/ml
18) T n-Dotriacontane (C32)	18.565	2233014	19.449 ug/ml
19) T n-Tetratriacontane (C34)	19.351	2153517	19.609 ug/ml
20) T n-Hexatriacontane (C36)	20.091	2033012	19.696 ug/ml
21) T n-Octatriacontane (C38)	20.831	1880951	19.295 ug/ml
22) T n-Tetracontane (C40)	21.749	1604586	17.732 ug/ml

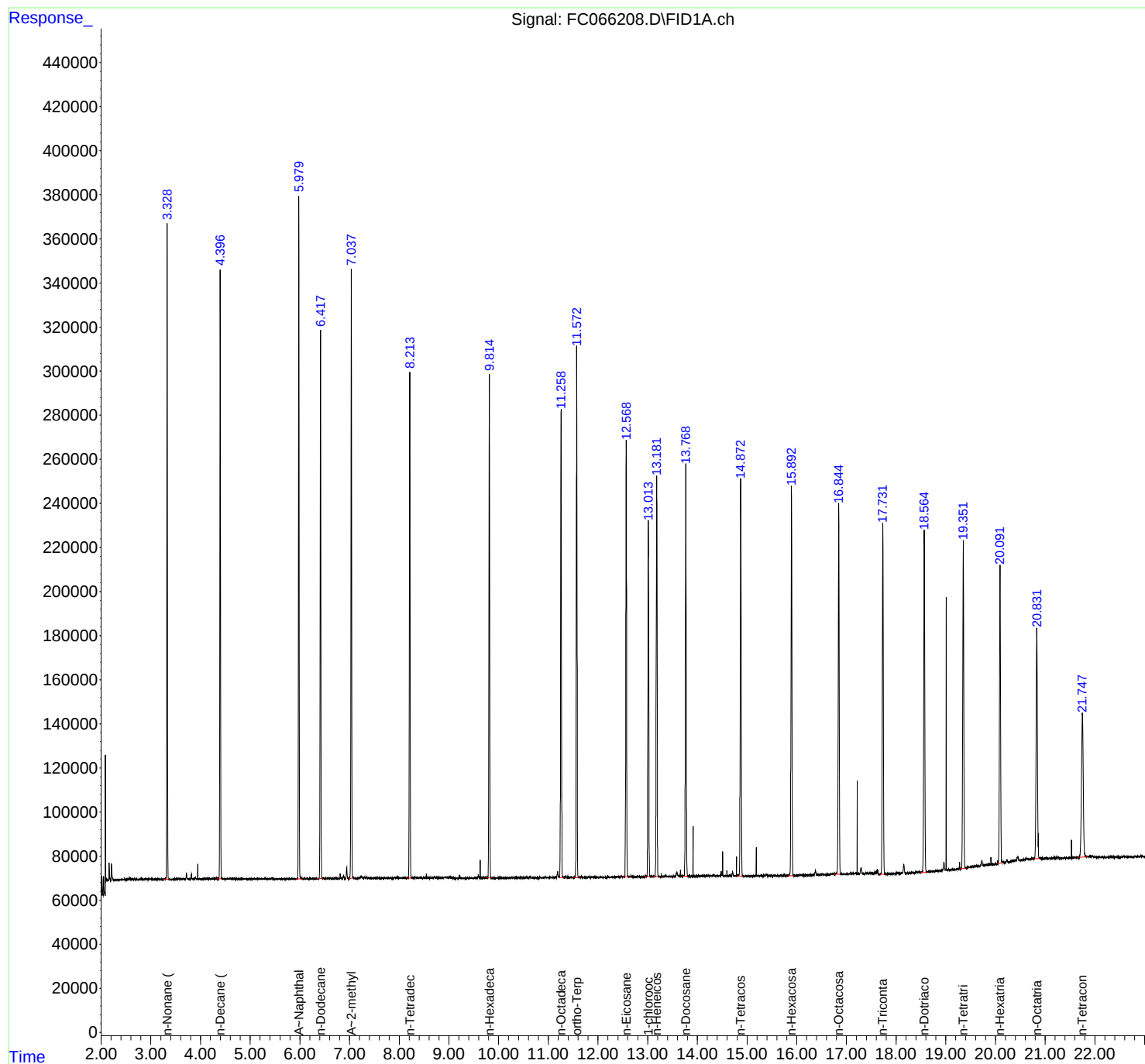
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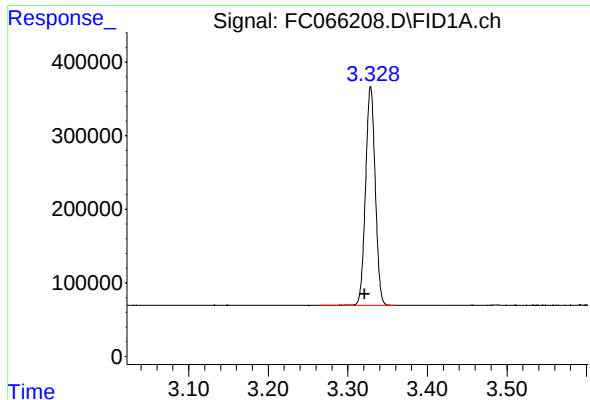
(m)=manual int.

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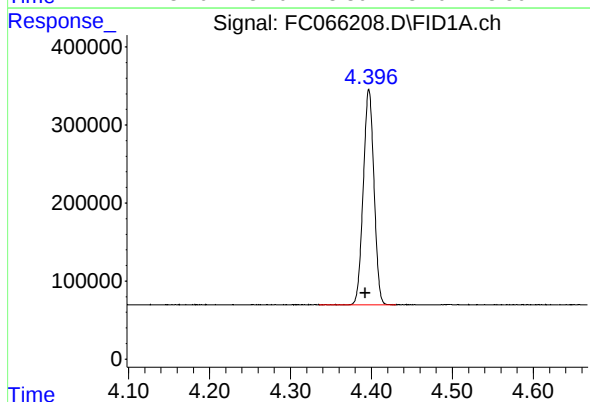
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Signal Info : 20M x 0.18mm x 0.18um





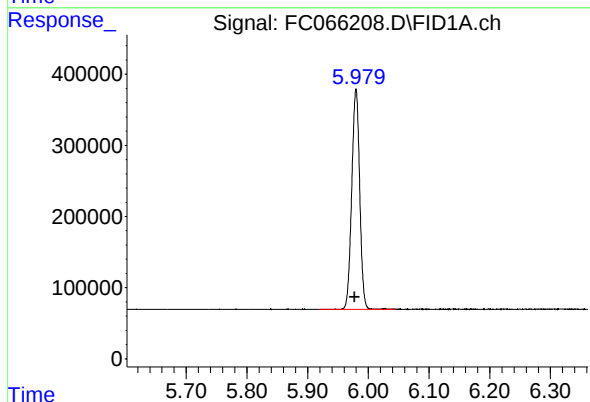
#1 n-Nonane (C9)

R.T.: 3.329 min
Delta R.T.: 0.008 min
Response: 2514728
Conc: 19.53 ug/ml



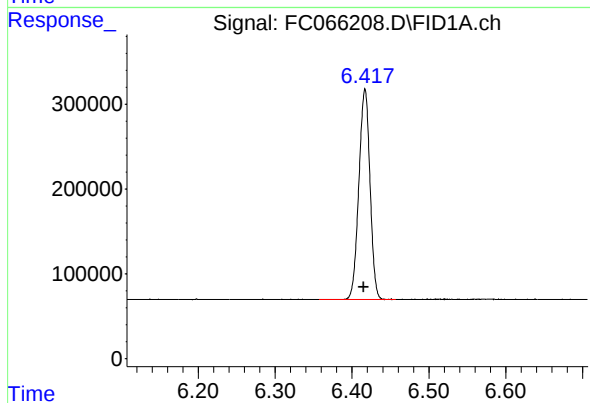
#2 n-Decane (C10)

R.T.: 4.397 min
Delta R.T.: 0.004 min
Response: 2538710
Conc: 19.47 ug/ml



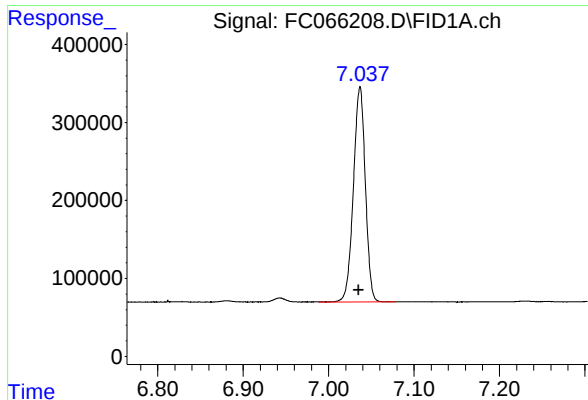
#3 A~Naphthalene (C11.7)

R.T.: 5.980 min
Delta R.T.: 0.002 min
Response: 2813778
Conc: 19.62 ug/ml



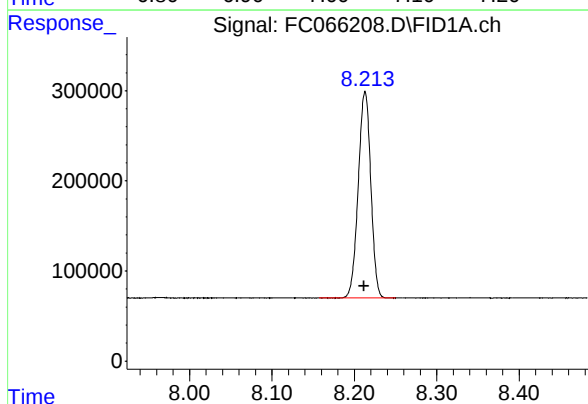
#4 n-Dodecane (C12)

R.T.: 6.417 min
Delta R.T.: 0.002 min
Response: 2495815
Conc: 19.28 ug/ml



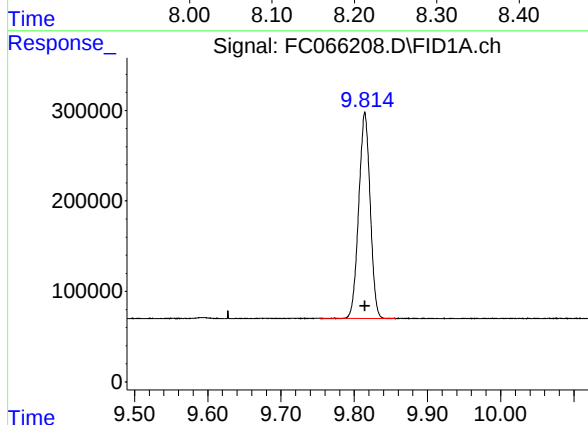
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.037 min
Delta R.T.: 0.002 min
Response: 2678266
Conc: 19.45 ug/ml



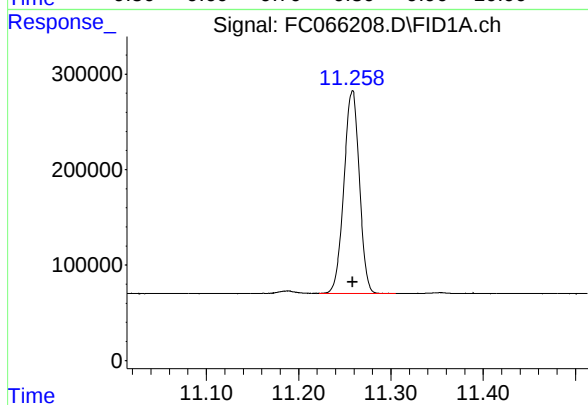
#6 n-Tetradecane (C14)

R.T.: 8.213 min
Delta R.T.: 0.001 min
Response: 2427866
Conc: 19.29 ug/ml



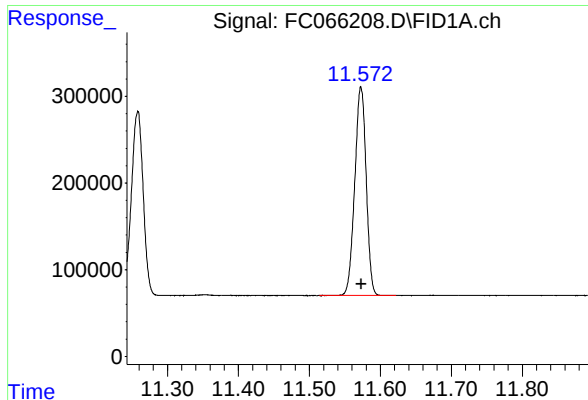
#7 n-Hexadecane (C16)

R.T.: 9.815 min
Delta R.T.: 0.000 min
Response: 2465218
Conc: 19.35 ug/ml



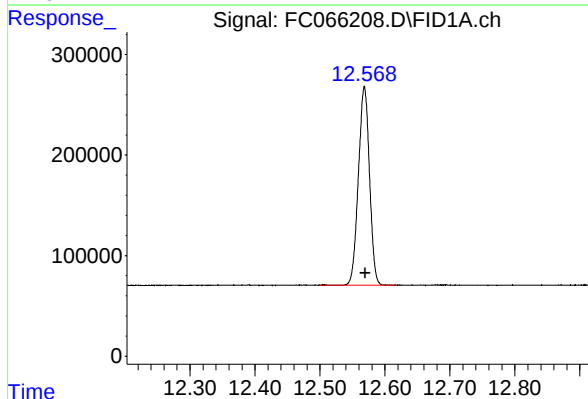
#8 n-Octadecane (C18)

R.T.: 11.258 min
Delta R.T.: 0.000 min
Response: 2472278
Conc: 19.42 ug/ml



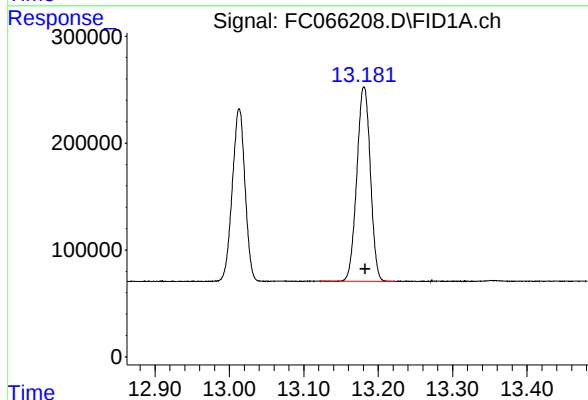
#9 ortho-Terphenyl (SURR)

R.T.: 11.573 min
Delta R.T.: 0.000 min
Response: 2689990
Conc: 19.48 ug/ml



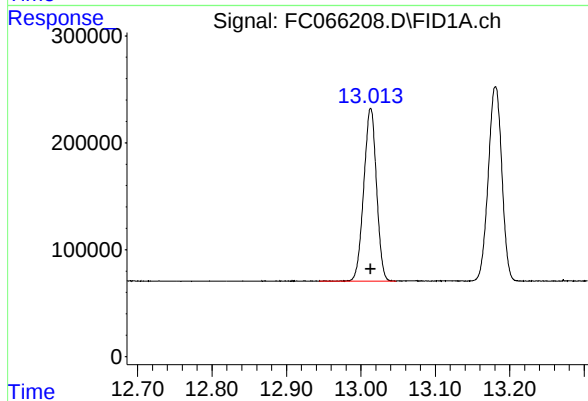
#10 n-Eicosane (C20)

R.T.: 12.568 min
Delta R.T.: -0.001 min
Response: 2342204
Conc: 19.44 ug/ml



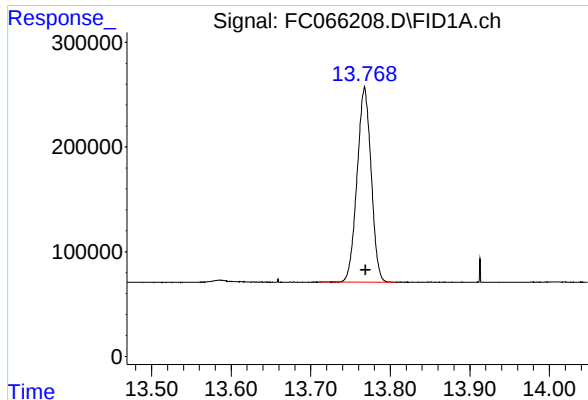
#11 n-Heneicosane (C21)

R.T.: 13.181 min
Delta R.T.: -0.001 min
Response: 2300704
Conc: 19.44 ug/ml



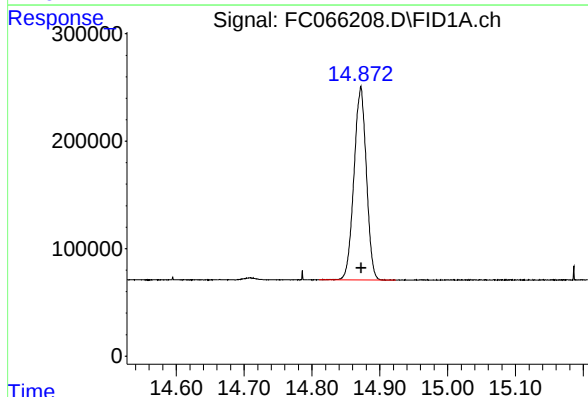
#12 1-chlorooctadecane (SURR)

R.T.: 13.013 min
Delta R.T.: 0.000 min
Response: 1917243
Conc: 19.54 ug/ml



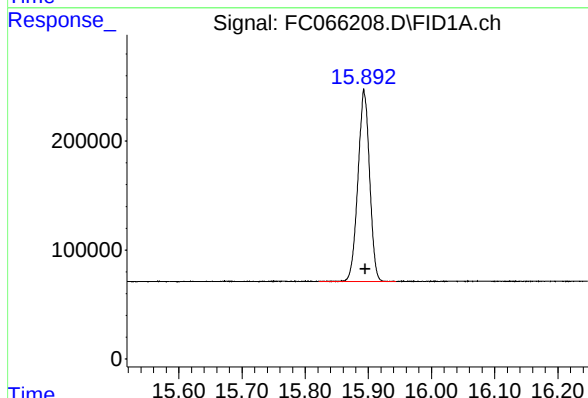
#13 n-Docosane (C22)

R.T.: 13.768 min
Delta R.T.: -0.002 min
Response: 2283402
Conc: 19.45 ug/ml



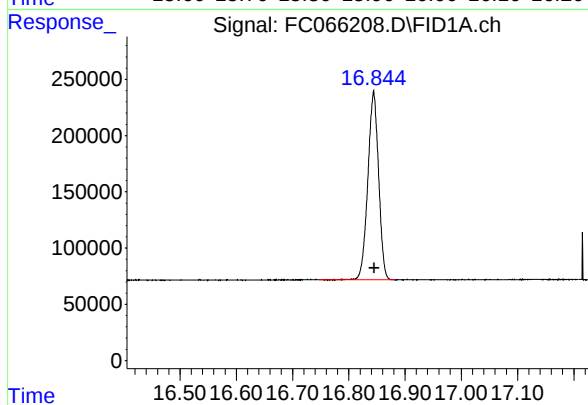
#14 n-Tetracosane (C24)

R.T.: 14.872 min
Delta R.T.: -0.001 min
Response: 2280918
Conc: 19.55 ug/ml



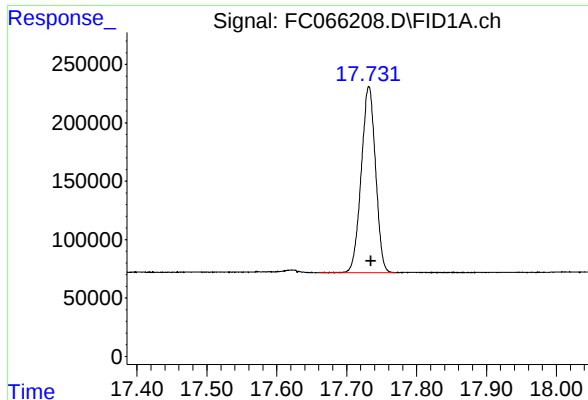
#15 n-Hexacosane (C26)

R.T.: 15.893 min
Delta R.T.: -0.002 min
Response: 2249923
Conc: 19.57 ug/ml



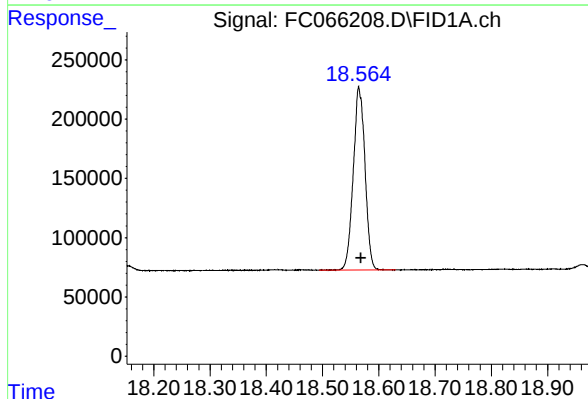
#16 n-Octacosane (C28)

R.T.: 16.844 min
Delta R.T.: -0.001 min
Response: 2221595
Conc: 19.60 ug/ml



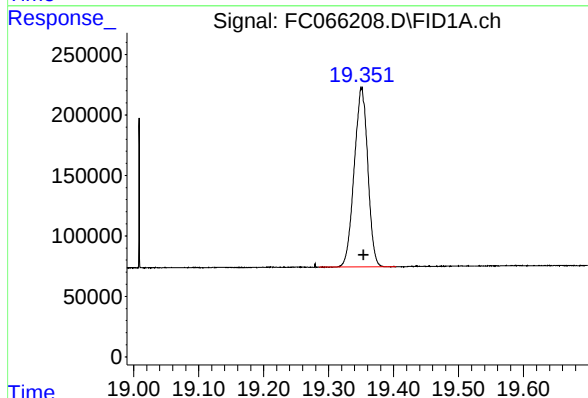
#17 n-Tricontane (C30)

R.T.: 17.732 min
Delta R.T.: -0.003 min
Response: 2263195
Conc: 19.54 ug/ml



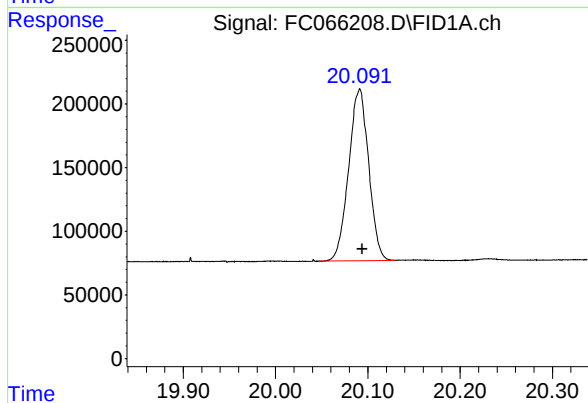
#18 n-Dotriacontane (C32)

R.T.: 18.565 min
Delta R.T.: -0.003 min
Response: 2233014
Conc: 19.45 ug/ml



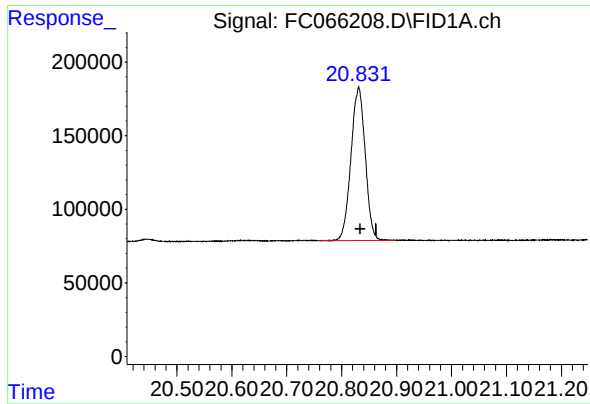
#19 n-Tetatriacontane (C34)

R.T.: 19.351 min
Delta R.T.: -0.003 min
Response: 2153517
Conc: 19.61 ug/ml



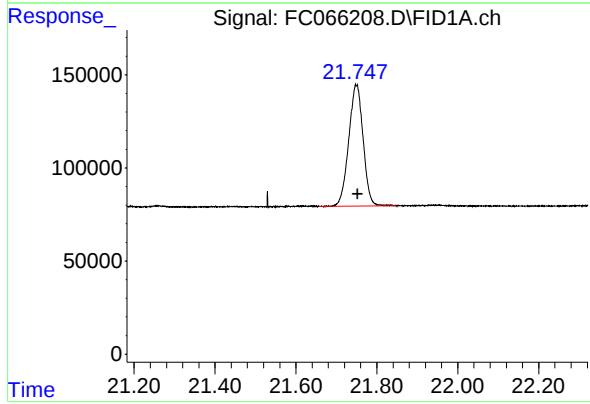
#20 n-Hexatriacontane (C36)

R.T.: 20.091 min
Delta R.T.: -0.003 min
Response: 2033012
Conc: 19.70 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.831 min
Delta R.T.: -0.003 min
Response: 1880951
Conc: 19.30 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.749 min
Delta R.T.: -0.003 min
Response: 1604586
Conc: 17.73 ug/ml