

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE012523AL\
 Data File : FE040027.D
 Signal(s) : FID1B.ch
 Acq On : 25 Jan 2023 09:11
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jan 26 02:46:12 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 011023.M
 Quant Title : GC Extractables
 QLast Update : Tue Jan 10 04:24:52 2023
 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)	11.902	2994309	19.498 ug/ml
Spiked Amount 50.000		Recovery =	39.00%
12) S 1-chlorooctadecane (S...	13.339	2275258	19.497 ug/ml
Spiked Amount 50.000		Recovery =	38.99%
Target Compounds			
1) T n-Nonane (C9)	3.299	2494682	19.653 ug/ml
2) T n-Decane (C10)	4.548	2457629	19.790 ug/ml
3) T A~Naphthalene (C11.7)	6.250	2755391	19.538 ug/ml
4) T n-Dodecane (C12)	6.712	2507750	19.946 ug/ml
5) T A~2-methylnaphthalene...	7.345	2581007	19.706 ug/ml
6) T n-Tetradecane (C14)	8.538	2554016	19.858 ug/ml
7) T n-Hexadecane (C16)	10.144	2660888	19.724 ug/ml
8) T n-Octadecane (C18)	11.586	2740931	19.561 ug/ml
10) T n-Eicosane (C20)	12.894	2698316	19.475 ug/ml
11) T n-Heneicosane (C21)	13.506	2713666	19.447 ug/ml
13) T n-Docosane (C22)	14.093	2711359	19.534 ug/ml
14) T n-Tetracosane (C24)	15.195	2733824	19.856 ug/ml
15) T n-Hexacosane (C26)	16.217	2672923	20.027 ug/ml
16) T n-Octacosane (C28)	17.167	2674988	20.549 ug/ml
17) T n-Tricontane (C30)	18.055	2707553	21.231 ug/ml
18) T n-Dotriacontane (C32)	18.888	2716300	21.486 ug/ml
19) T n-Tetratriacontane (C34)	19.671	2579457	20.875 ug/ml
20) T n-Hexatriacontane (C36)	20.411	2405464	20.403 ug/ml
21) T n-Octatriacontane (C38)	21.142	2389062	19.989 ug/ml
22) T n-Tetracontane (C40)	22.041	2359329	19.440 ug/ml

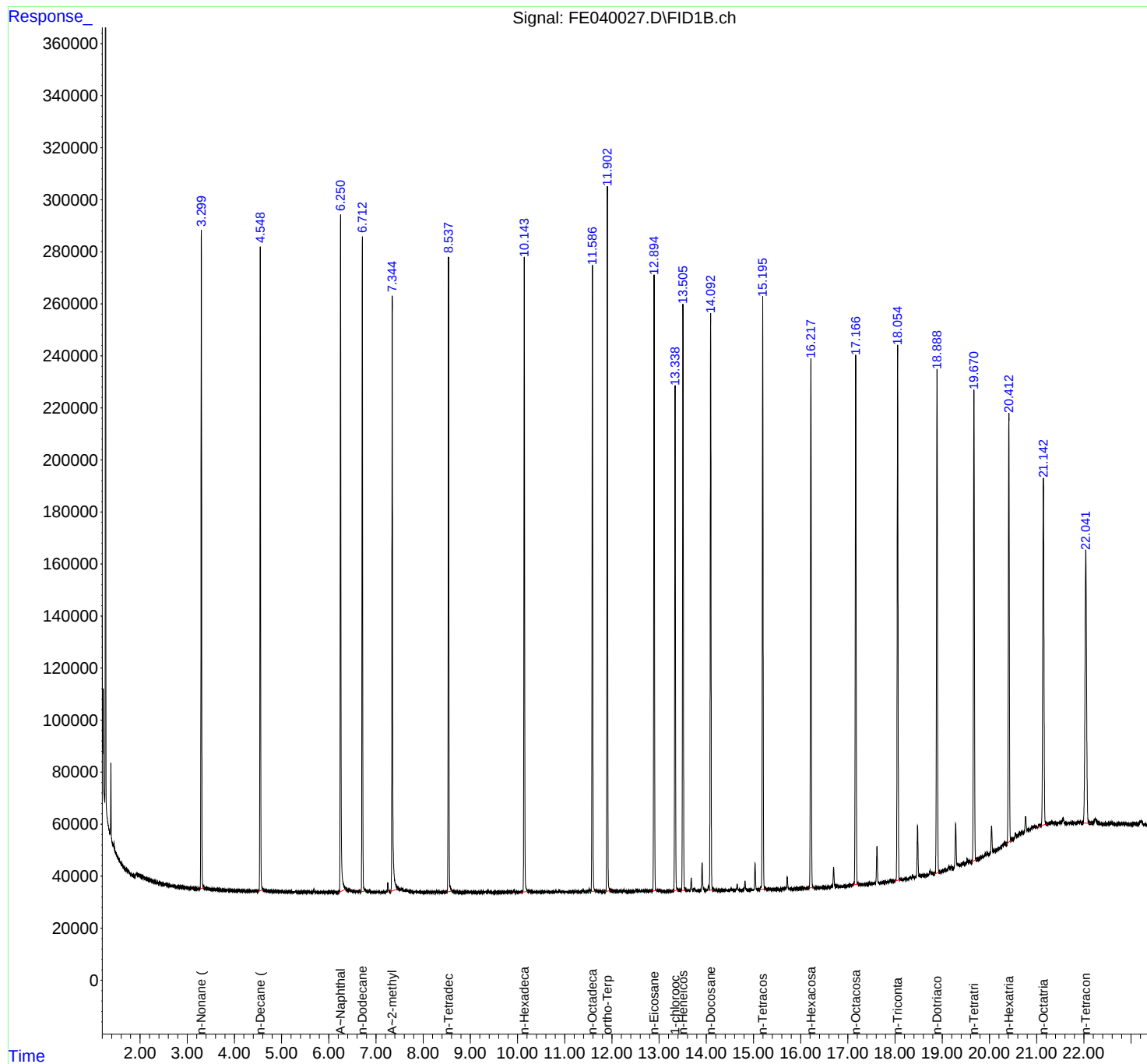
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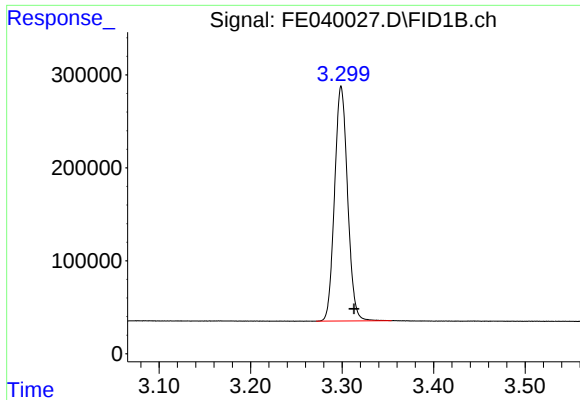
(m)=manual int.

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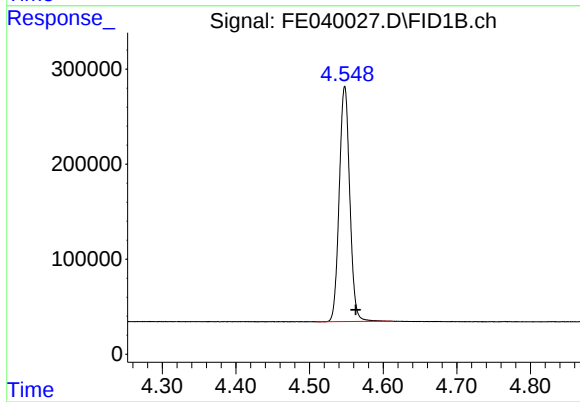
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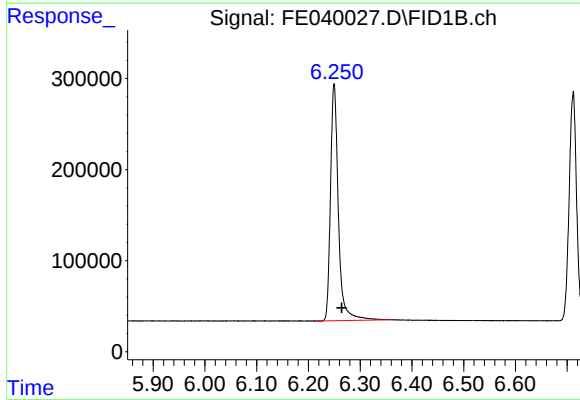
#1 n-Nonane (C9)

R.T.: 3.299 min
Delta R.T.: -0.014 min
Response: 2494682
Conc: 19.65 ug/ml



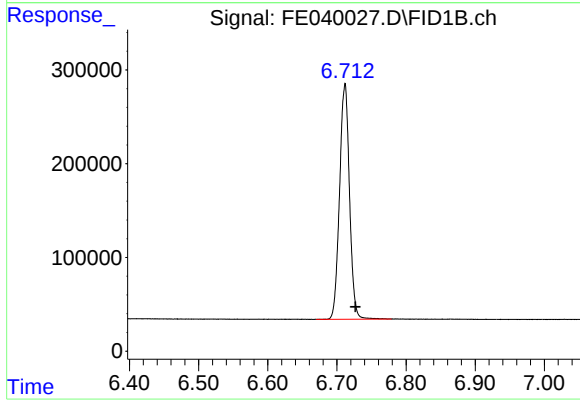
#2 n-Decane (C10)

R.T.: 4.548 min
Delta R.T.: -0.015 min
Response: 2457629
Conc: 19.79 ug/ml



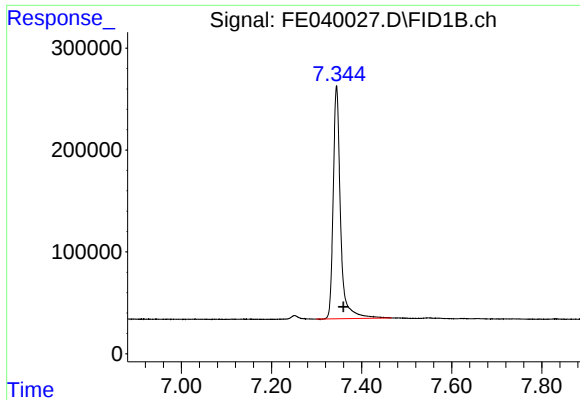
#3 A~Naphthalene (C11.7)

R.T.: 6.250 min
Delta R.T.: -0.015 min
Response: 2755391
Conc: 19.54 ug/ml



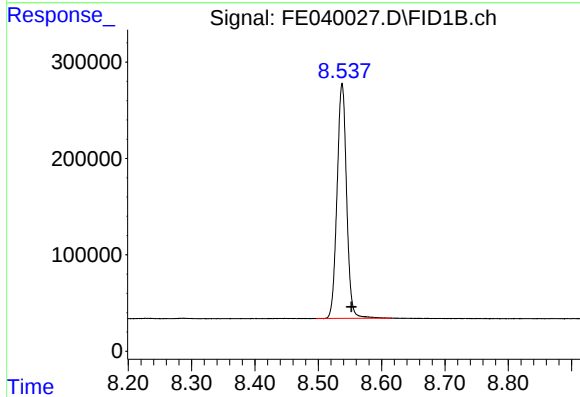
#4 n-Dodecane (C12)

R.T.: 6.712 min
Delta R.T.: -0.015 min
Response: 2507750
Conc: 19.95 ug/ml



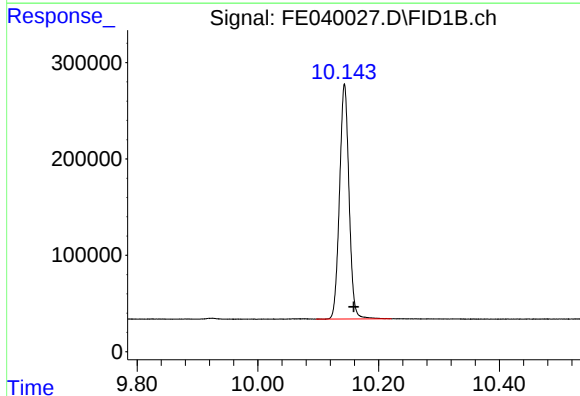
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.345 min
Delta R.T.: -0.015 min
Response: 2581007
Conc: 19.71 ug/ml



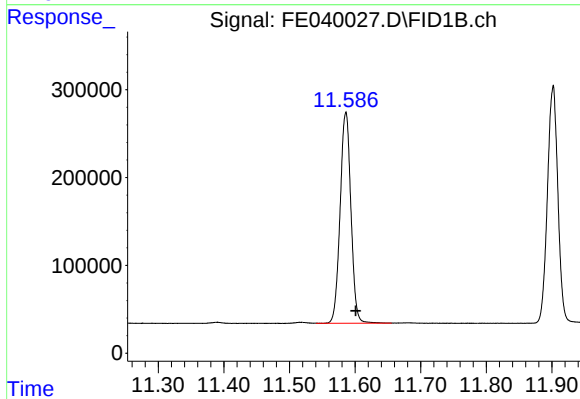
#6 n-Tetradecane (C14)

R.T.: 8.538 min
Delta R.T.: -0.015 min
Response: 2554016
Conc: 19.86 ug/ml



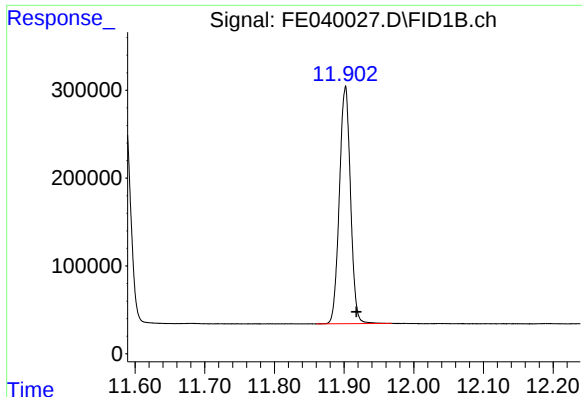
#7 n-Hexadecane (C16)

R.T.: 10.144 min
Delta R.T.: -0.016 min
Response: 2660888
Conc: 19.72 ug/ml



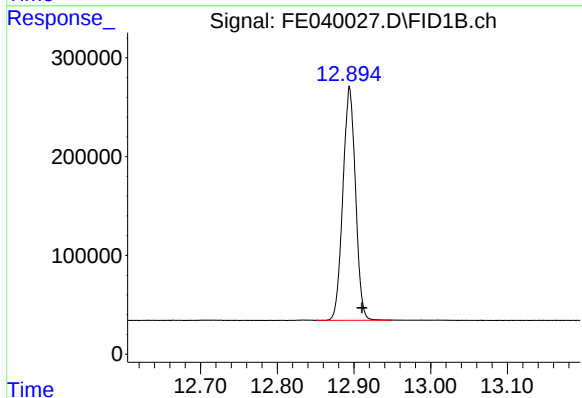
#8 n-Octadecane (C18)

R.T.: 11.586 min
Delta R.T.: -0.015 min
Response: 2740931
Conc: 19.56 ug/ml



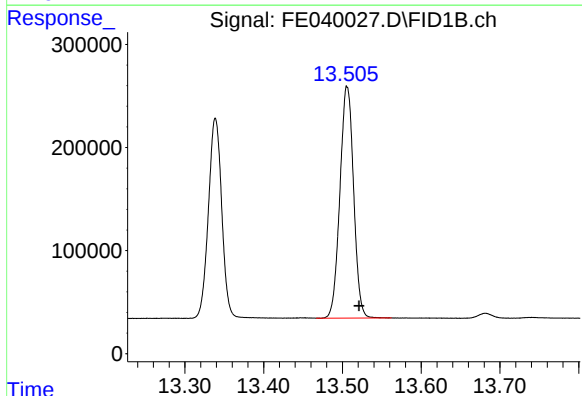
#9 ortho-Terphenyl (SURR)

R.T.: 11.902 min
Delta R.T.: -0.016 min
Response: 2994309
Conc: 19.50 ug/ml



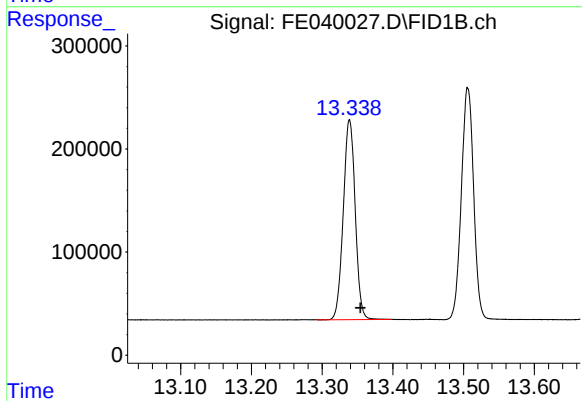
#10 n-Eicosane (C20)

R.T.: 12.894 min
Delta R.T.: -0.016 min
Response: 2698316
Conc: 19.48 ug/ml



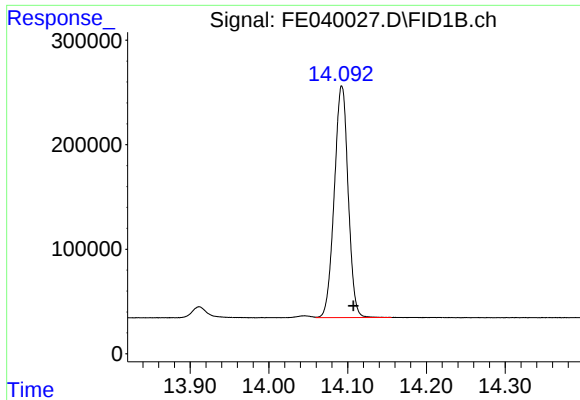
#11 n-Heneicosane (C21)

R.T.: 13.506 min
Delta R.T.: -0.015 min
Response: 2713666
Conc: 19.45 ug/ml



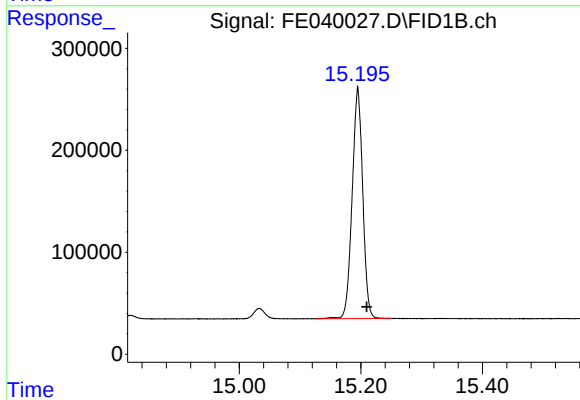
#12 1-chlorooctadecane (SURR)

R.T.: 13.339 min
Delta R.T.: -0.015 min
Response: 2275258
Conc: 19.50 ug/ml



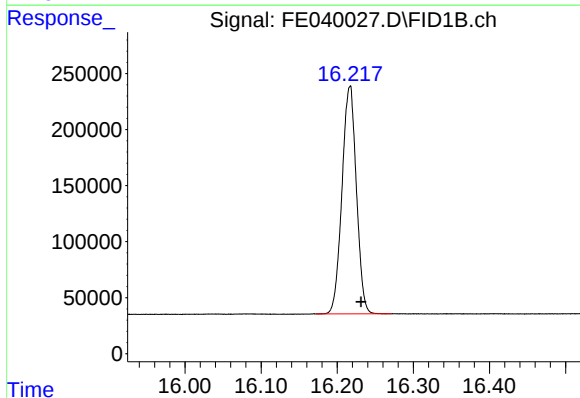
#13 n-Docosane (C22)

R.T.: 14.093 min
Delta R.T.: -0.015 min
Response: 2711359
Conc: 19.53 ug/ml



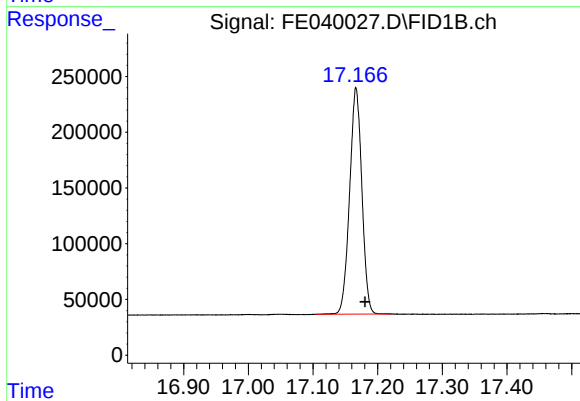
#14 n-Tetracosane (C24)

R.T.: 15.195 min
Delta R.T.: -0.015 min
Response: 2733824
Conc: 19.86 ug/ml



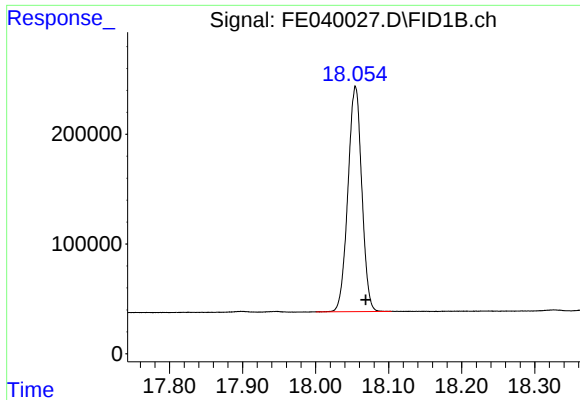
#15 n-Hexacosane (C26)

R.T.: 16.217 min
Delta R.T.: -0.014 min
Response: 2672923
Conc: 20.03 ug/ml



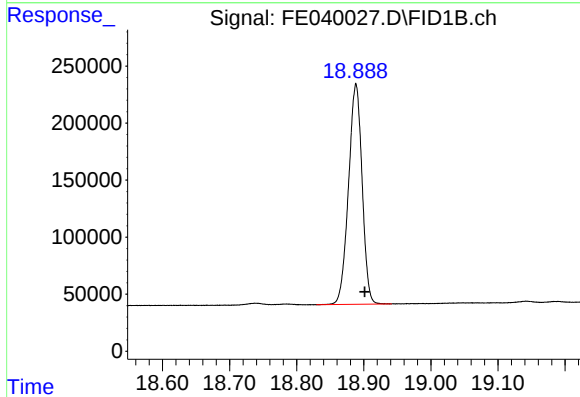
#16 n-Octacosane (C28)

R.T.: 17.167 min
Delta R.T.: -0.014 min
Response: 2674988
Conc: 20.55 ug/ml



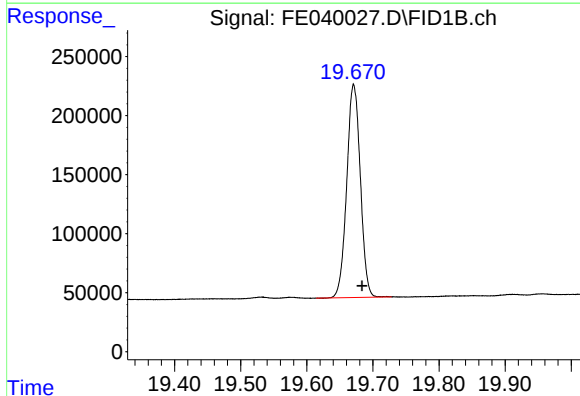
#17 n-Tricontane (C30)

R.T.: 18.055 min
Delta R.T.: -0.014 min
Response: 2707553
Conc: 21.23 ug/ml



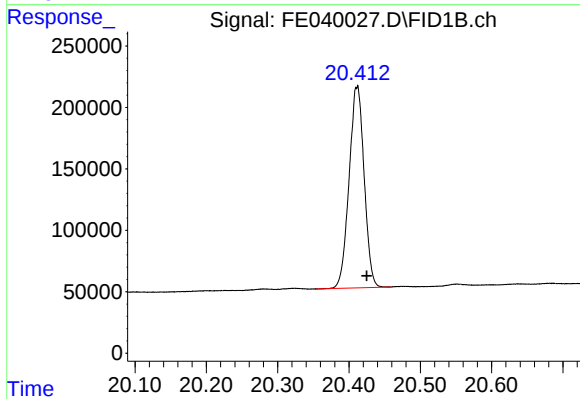
#18 n-Dotriacontane (C32)

R.T.: 18.888 min
Delta R.T.: -0.013 min
Response: 2716300
Conc: 21.49 ug/ml



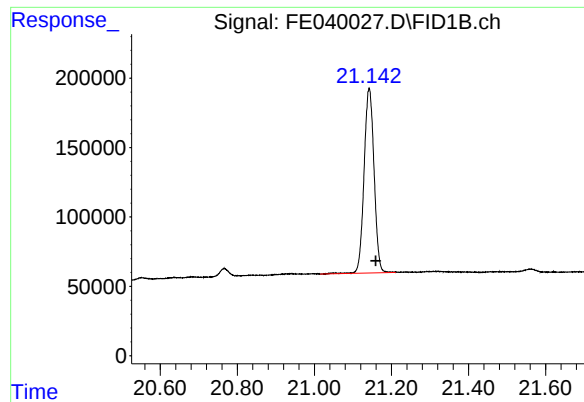
#19 n-Tetratriacontane (C34)

R.T.: 19.671 min
Delta R.T.: -0.013 min
Response: 2579457
Conc: 20.87 ug/ml



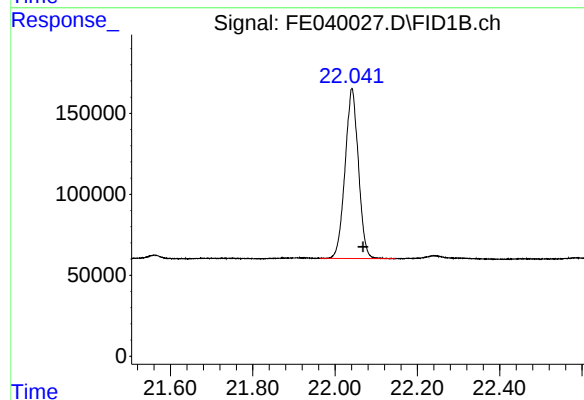
#20 n-Hexatriacontane (C36)

R.T.: 20.411 min
Delta R.T.: -0.014 min
Response: 2405464
Conc: 20.40 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.142 min
Delta R.T.: -0.017 min
Response: 2389062
Conc: 19.99 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.041 min
Delta R.T.: -0.027 min
Response: 2359329
Conc: 19.44 ug/ml