

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE021623AL\
 Data File : FE040396.D
 Signal(s) : FID1B.ch
 Acq On : 16 Feb 2023 20:06
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 17 00:53:38 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 020223.M
 Quant Title : GC Extractables
 QLast Update : Thu Feb 02 04:52:48 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)	11.891	3413225	21.087 ug/ml
Spiked Amount 50.000		Recovery =	42.17%
12) S 1-chlorooctadecane (S...	13.329	2607832	21.027 ug/ml
Spiked Amount 50.000		Recovery =	42.05%
Target Compounds			
1) T n-Nonane (C9)	3.284	2879530	21.157 ug/ml
2) T n-Decane (C10)	4.534	2825565	21.266 ug/ml
3) T A~Naphthalene (C11.7)	6.237	3126905	21.366 ug/ml
4) T n-Dodecane (C12)	6.699	2879046	21.384 ug/ml
5) T A~2-methylnaphthalene...	7.332	2906711	21.475 ug/ml
6) T n-Tetradecane (C14)	8.526	2920745	21.193 ug/ml
7) T n-Hexadecane (C16)	10.132	3038207	21.169 ug/ml
8) T n-Octadecane (C18)	11.575	3139923	21.108 ug/ml
10) T n-Eicosane (C20)	12.885	3080734	20.955 ug/ml
11) T n-Heneicosane (C21)	13.497	3095942	20.990 ug/ml
13) T n-Docosane (C22)	14.084	3080550	20.791 ug/ml
14) T n-Tetracosane (C24)	15.188	3115747	20.525 ug/ml
15) T n-Hexacosane (C26)	16.209	2992654	20.187 ug/ml
16) T n-Octacosane (C28)	17.159	2985836	19.924 ug/ml
17) T n-Tricontane (C30)	18.049	2863290	19.406 ug/ml
18) T n-Dotriacontane (C32)	18.882	2829032	19.316 ug/ml
19) T n-Tetratriacontane (C34)	19.667	2716083	19.747 ug/ml
20) T n-Hexatriacontane (C36)	20.408	2586904	19.503 ug/ml
21) T n-Octatriacontane (C38)	21.138	2570251	19.812 ug/ml
22) T n-Tetracontane (C40)	22.037	2675095	20.148 ug/ml

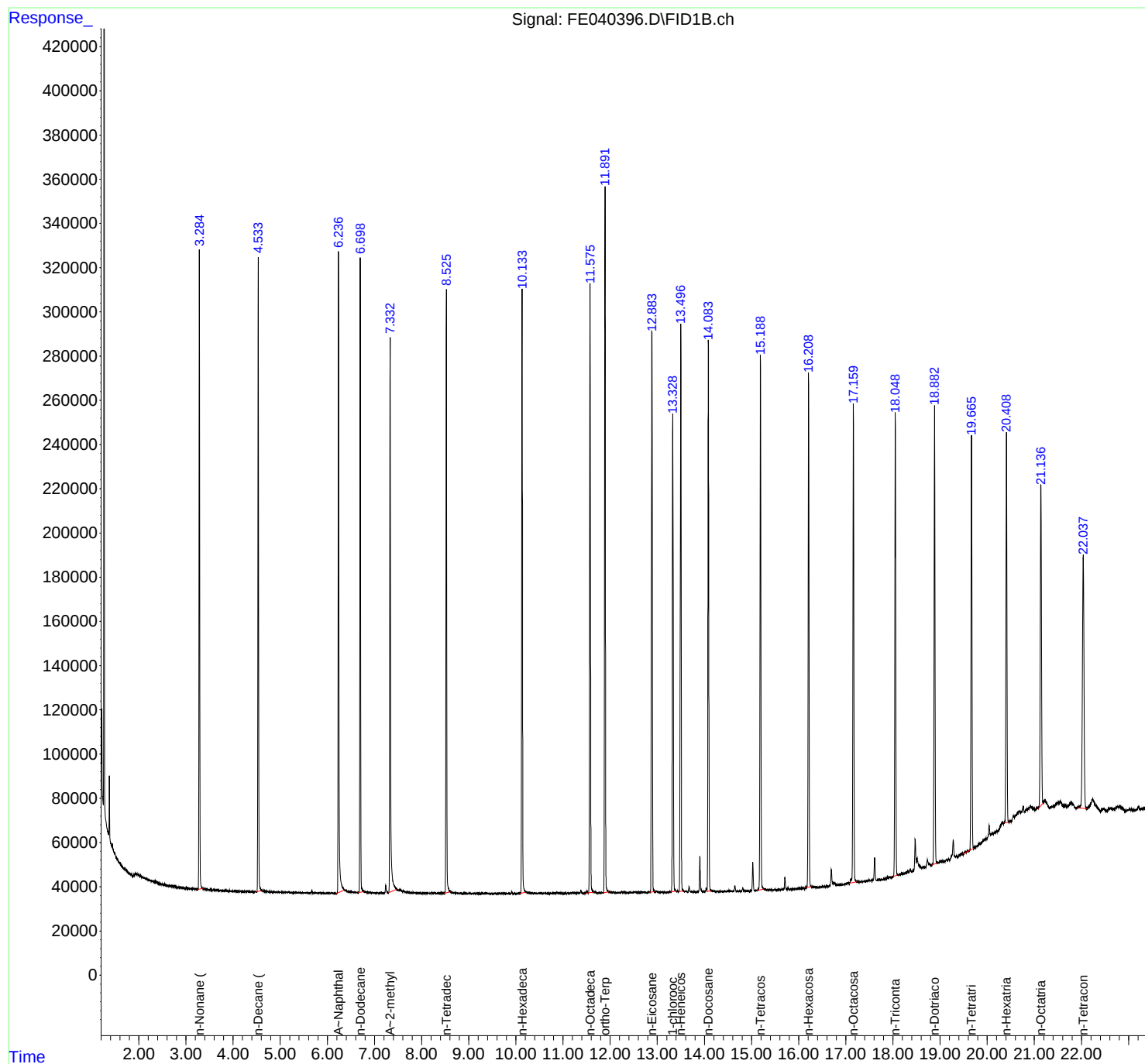
(f)=RT Delta > 1/2 Window

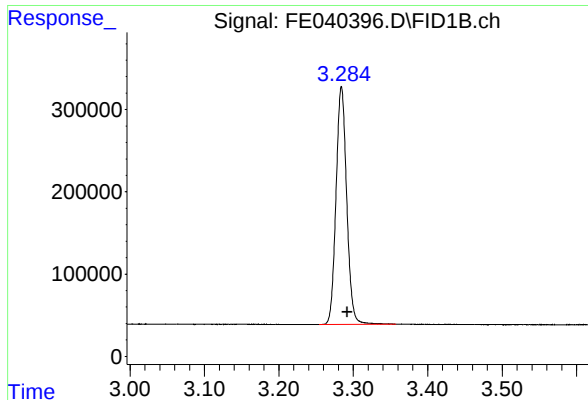
(m)=manual int.

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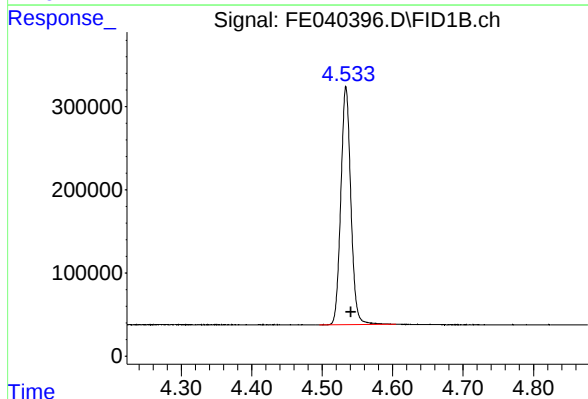
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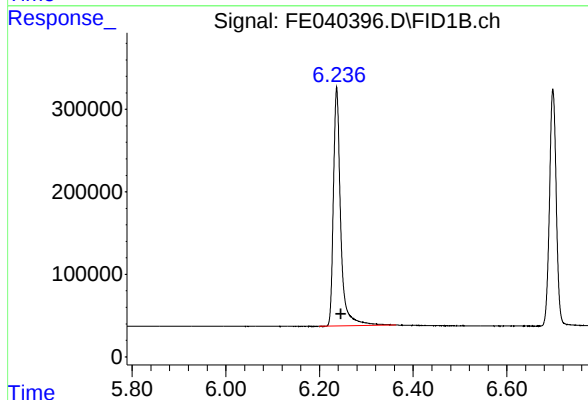
#1 n-Nonane (C9)

R.T.: 3.284 min
Delta R.T.: -0.008 min
Response: 2879530
Conc: 21.16 ug/ml



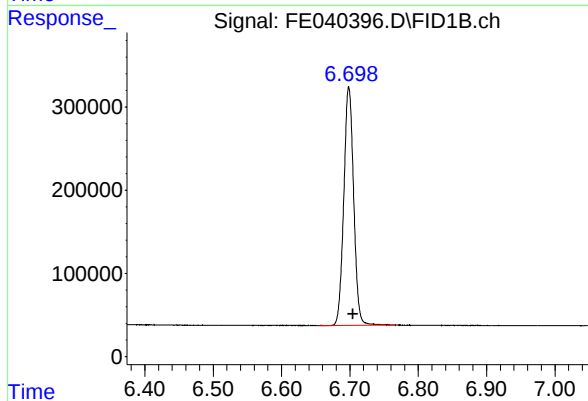
#2 n-Decane (C10)

R.T.: 4.534 min
Delta R.T.: -0.007 min
Response: 2825565
Conc: 21.27 ug/ml



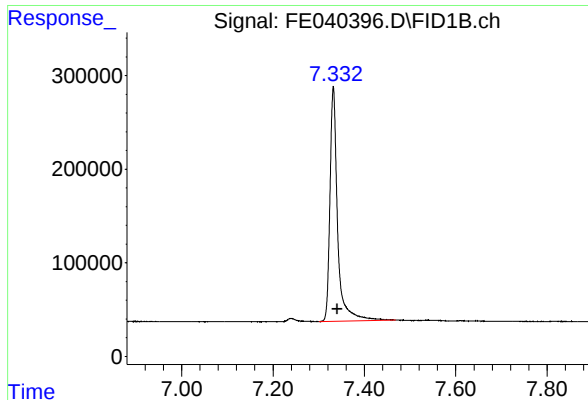
#3 A~Naphthalene (C11.7)

R.T.: 6.237 min
Delta R.T.: -0.009 min
Response: 3126905
Conc: 21.37 ug/ml



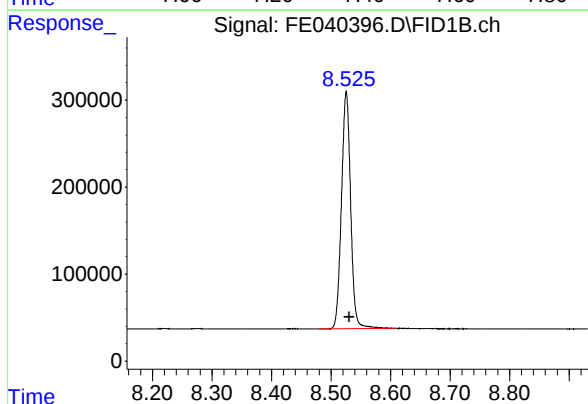
#4 n-Dodecane (C12)

R.T.: 6.699 min
Delta R.T.: -0.006 min
Response: 2879046
Conc: 21.38 ug/ml



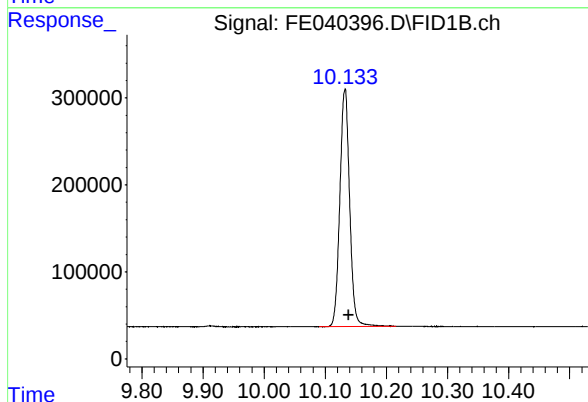
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.332 min
Delta R.T.: -0.009 min
Response: 2906711
Conc: 21.47 ug/ml



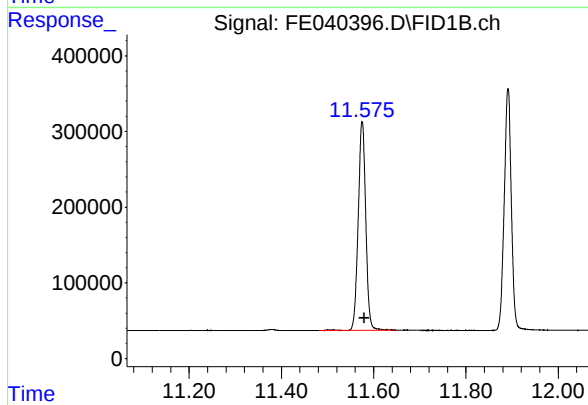
#6 n-Tetradecane (C14)

R.T.: 8.526 min
Delta R.T.: -0.005 min
Response: 2920745
Conc: 21.19 ug/ml



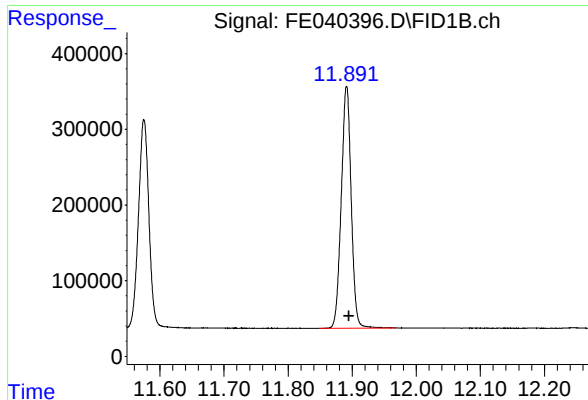
#7 n-Hexadecane (C16)

R.T.: 10.132 min
Delta R.T.: -0.006 min
Response: 3038207
Conc: 21.17 ug/ml



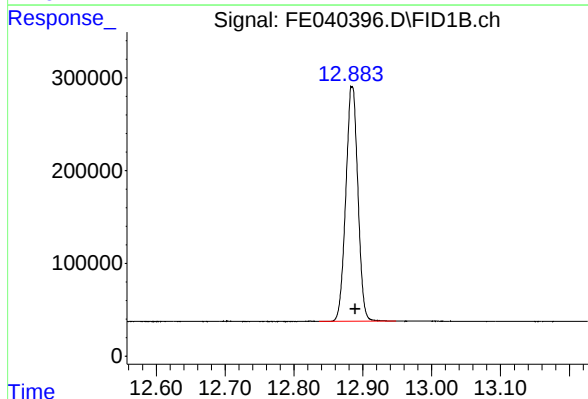
#8 n-Octadecane (C18)

R.T.: 11.575 min
Delta R.T.: -0.004 min
Response: 3139923
Conc: 21.11 ug/ml



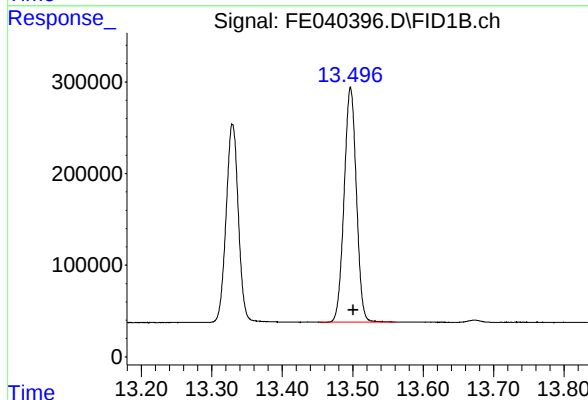
#9 ortho-Terphenyl (SURR)

R.T.: 11.891 min
Delta R.T.: -0.003 min
Response: 3413225
Conc: 21.09 ug/ml



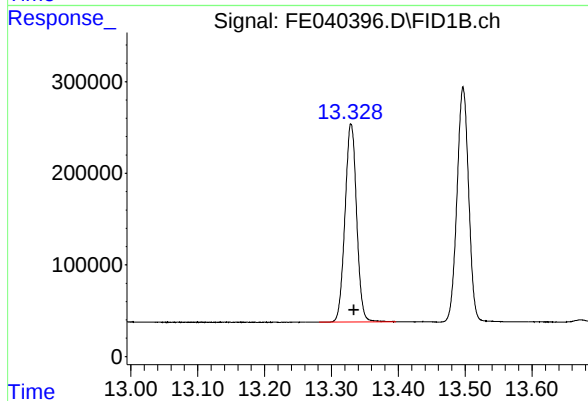
#10 n-Eicosane (C20)

R.T.: 12.885 min
Delta R.T.: -0.005 min
Response: 3080734
Conc: 20.95 ug/ml



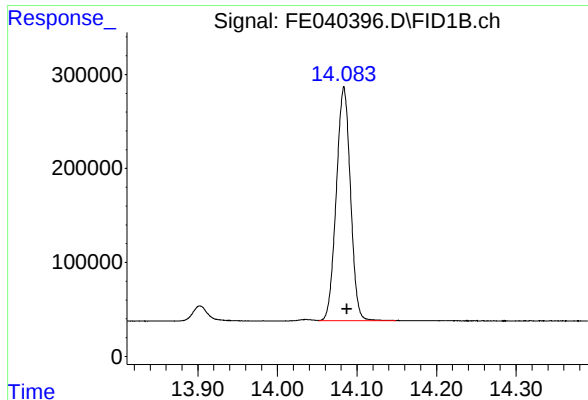
#11 n-Heneicosane (C21)

R.T.: 13.497 min
Delta R.T.: -0.004 min
Response: 3095942
Conc: 20.99 ug/ml



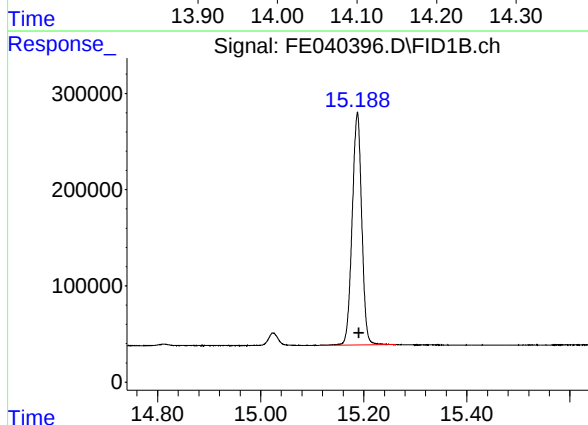
#12 1-chlorooctadecane (SURR)

R.T.: 13.329 min
Delta R.T.: -0.004 min
Response: 2607832
Conc: 21.03 ug/ml



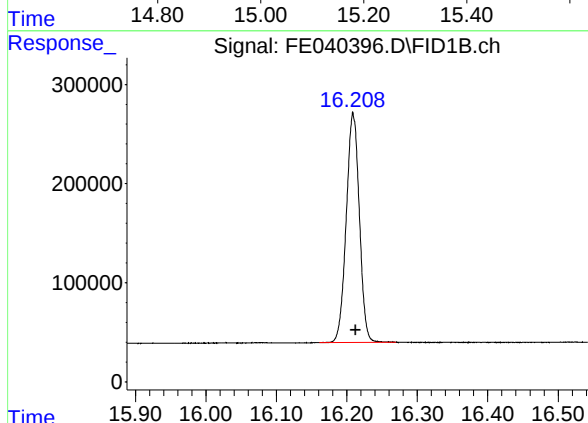
#13 n-Docosane (C22)

R.T.: 14.084 min
Delta R.T.: -0.004 min
Response: 3080550
Conc: 20.79 ug/ml



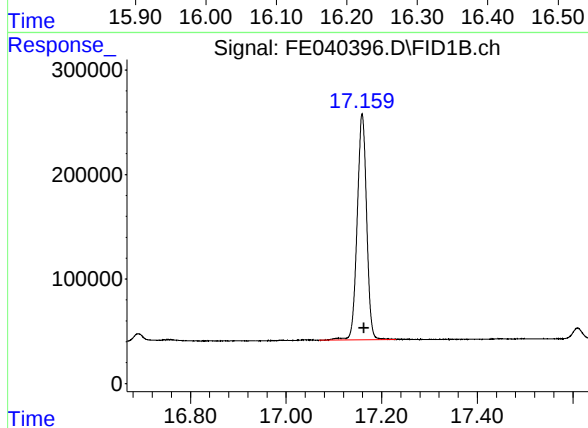
#14 n-Tetracosane (C24)

R.T.: 15.188 min
Delta R.T.: -0.003 min
Response: 3115747
Conc: 20.53 ug/ml



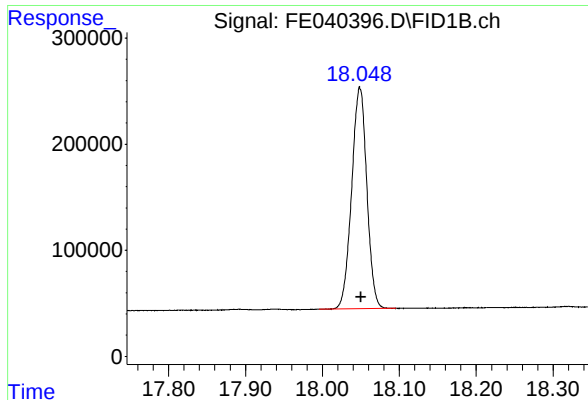
#15 n-Hexacosane (C26)

R.T.: 16.209 min
Delta R.T.: -0.004 min
Response: 2992654
Conc: 20.19 ug/ml



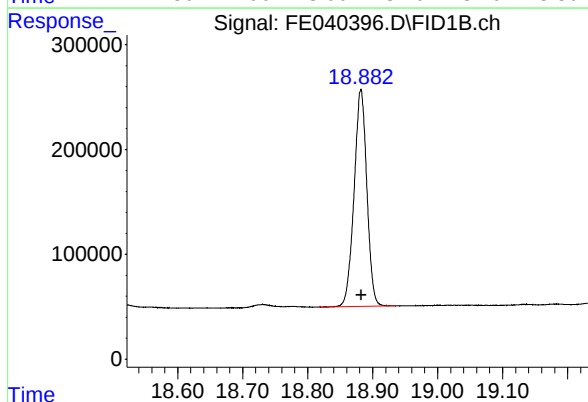
#16 n-Octacosane (C28)

R.T.: 17.159 min
Delta R.T.: -0.003 min
Response: 2985836
Conc: 19.92 ug/ml



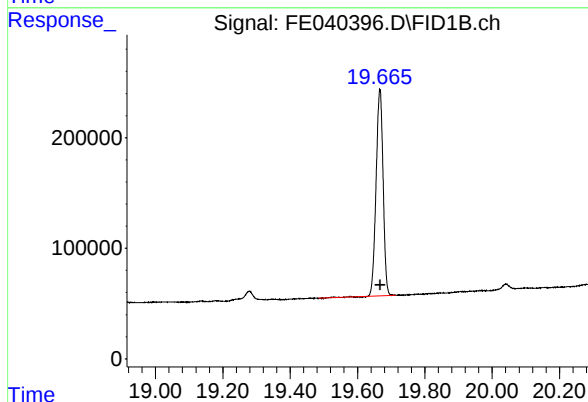
#17 n-Tricontane (C30)

R.T.: 18.049 min
Delta R.T.: -0.001 min
Response: 2863290
Conc: 19.41 ug/ml



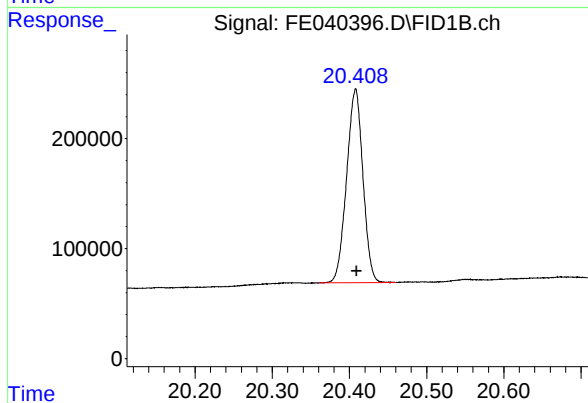
#18 n-Dotriacontane (C32)

R.T.: 18.882 min
Delta R.T.: 0.000 min
Response: 2829032
Conc: 19.32 ug/ml



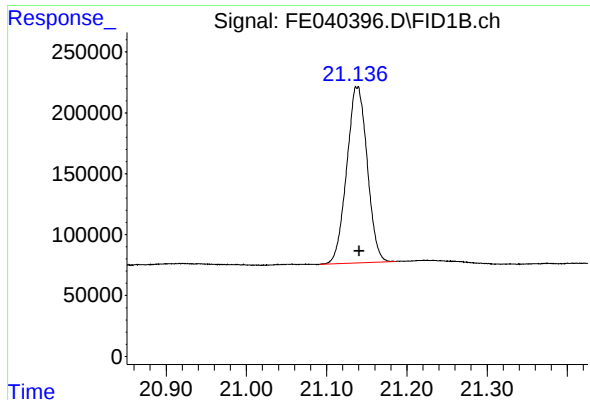
#19 n-Tetratriacontane (C34)

R.T.: 19.667 min
Delta R.T.: 0.000 min
Response: 2716083
Conc: 19.75 ug/ml



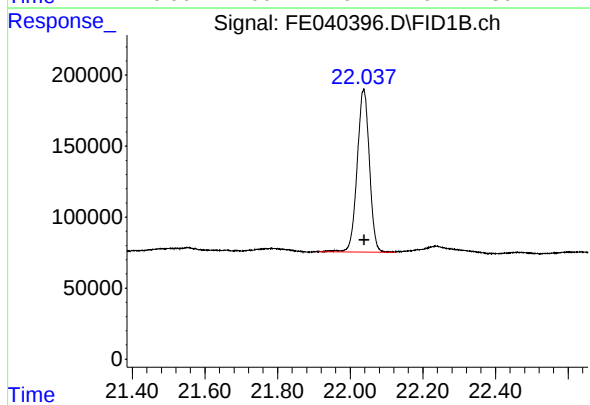
#20 n-Hexatriacontane (C36)

R.T.: 20.408 min
Delta R.T.: -0.001 min
Response: 2586904
Conc: 19.50 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.138 min
Delta R.T.: -0.003 min
Response: 2570251
Conc: 19.81 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.037 min
Delta R.T.: -0.002 min
Response: 2675095
Conc: 20.15 ug/ml