

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE102423AL\
 Data File : FE044996.D
 Signal(s) : FID1B.ch
 Acq On : 24 Oct 2023 07:17
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Oct 24 07:41:57 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 101223.M
 Quant Title : GC Extractables
 QLast Update : Thu Oct 12 06:15:35 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)	11.895	3402632	16.974 ug/ml
Spiked Amount 50.000		Recovery =	33.95%
12) S 1-chlorooctadecane (S...	13.337	2418081	16.340 ug/ml
Spiked Amount 50.000		Recovery =	32.68%
Target Compounds			
1) T n-Nonane (C9)	3.283	2776651	16.552 ug/ml
2) T n-Decane (C10)	4.534	2938708	17.251 ug/ml
3) T A~Naphthalene (C11.7)	6.234	3130435	16.910 ug/ml
4) T n-Dodecane (C12)	6.699	2958173	17.137 ug/ml
5) T A~2-methylnaphthalene...	7.330	3005691	16.662 ug/ml
6) T n-Tetradecane (C14)	8.526	2911879	16.981 ug/ml
7) T n-Hexadecane (C16)	10.136	2962006	16.938 ug/ml
8) T n-Octadecane (C18)	11.581	2964735	16.998 ug/ml
10) T n-Eicosane (C20)	12.893	2820981	16.889 ug/ml
11) T n-Heneicosane (C21)	13.505	2739568	16.806 ug/ml
13) T n-Docosane (C22)	14.093	2727359	17.051 ug/ml
14) T n-Tetracosane (C24)	15.197	2729495	17.587 ug/ml
15) T n-Hexacosane (C26)	16.220	2699865	17.983 ug/ml
16) T n-Octacosane (C28)	17.172	2803134	19.089 ug/ml
17) T n-Tricontane (C30)	18.060	3055216	20.542 ug/ml
18) T n-Dotriacontane (C32)	18.894	3183685	21.211 ug/ml
19) T n-Tetratriacontane (C34)	19.680	3037913	20.407 ug/ml
20) T n-Hexatriacontane (C36)	20.421	2971246	19.326 ug/ml
21) T n-Octatriacontane (C38)	21.160	2978642	19.068 ug/ml
22) T n-Tetracontane (C40)	22.073	2834455	16.960 ug/ml

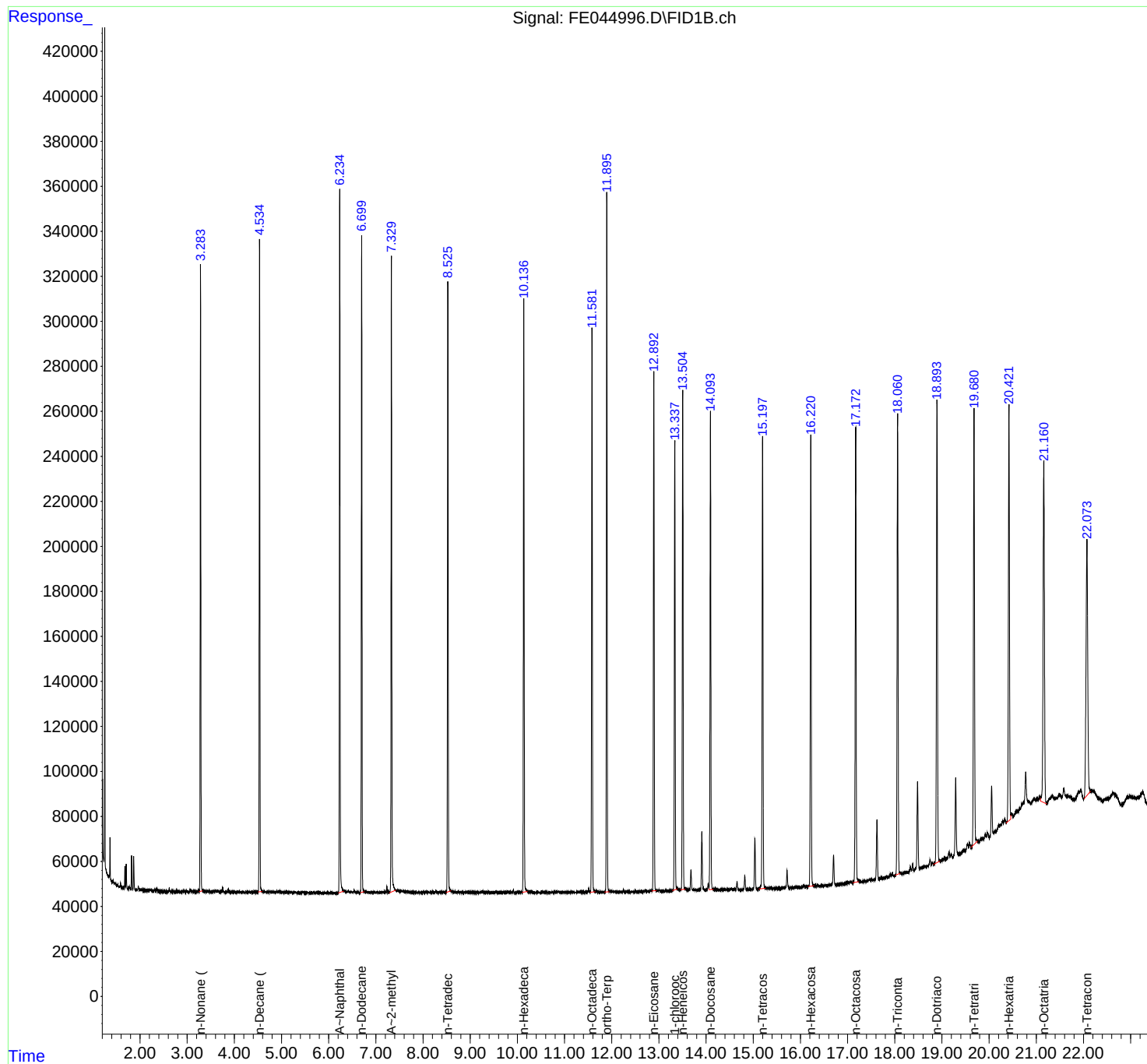
(f)=RT Delta > 1/2 Window

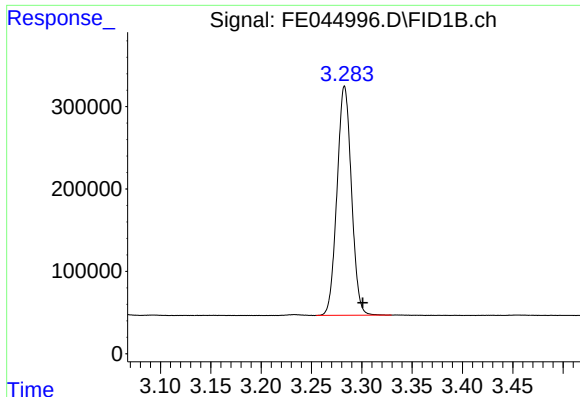
(m)=manual int.

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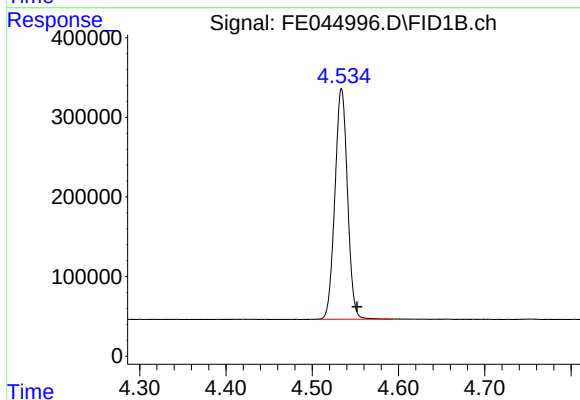
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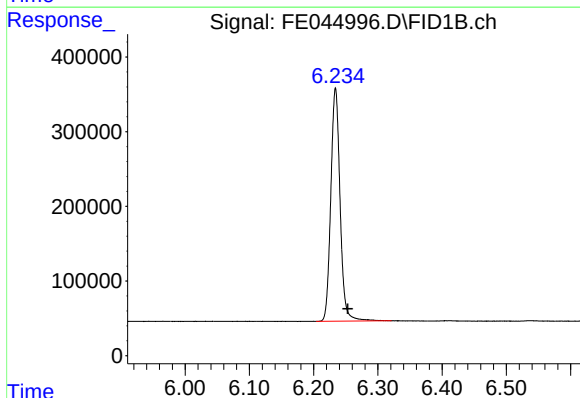
#1 n-Nonane (C9)

R.T.: 3.283 min
Delta R.T.: -0.018 min
Response: 2776651
Conc: 16.55 ug/ml



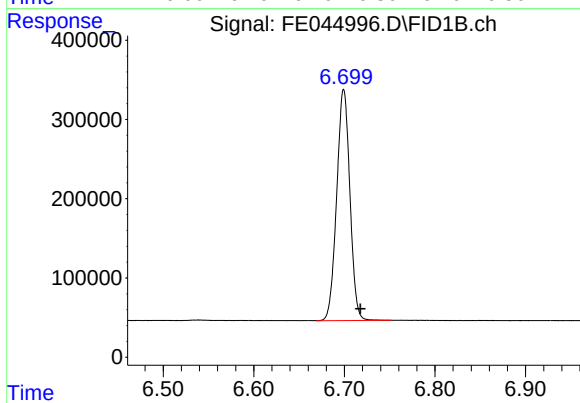
#2 n-Decane (C10)

R.T.: 4.534 min
Delta R.T.: -0.018 min
Response: 2938708
Conc: 17.25 ug/ml



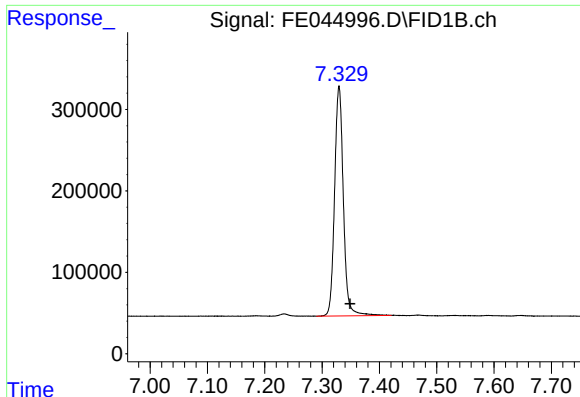
#3 A~Naphthalene (C11.7)

R.T.: 6.234 min
Delta R.T.: -0.019 min
Response: 3130435
Conc: 16.91 ug/ml



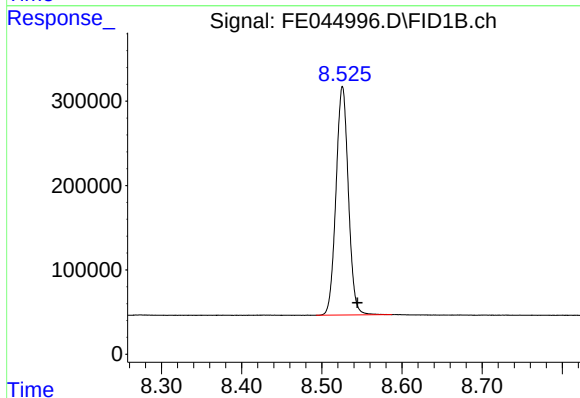
#4 n-Dodecane (C12)

R.T.: 6.699 min
Delta R.T.: -0.018 min
Response: 2958173
Conc: 17.14 ug/ml



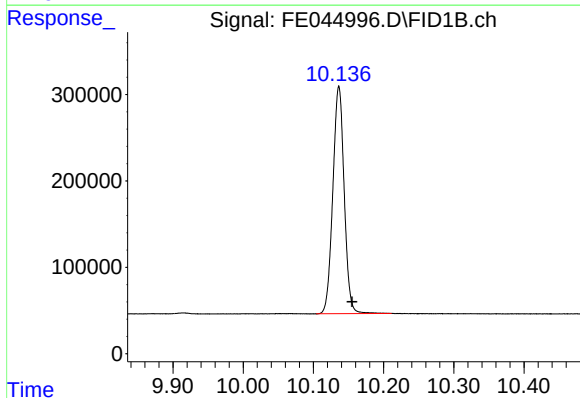
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.330 min
Delta R.T.: -0.019 min
Response: 3005691
Conc: 16.66 ug/ml



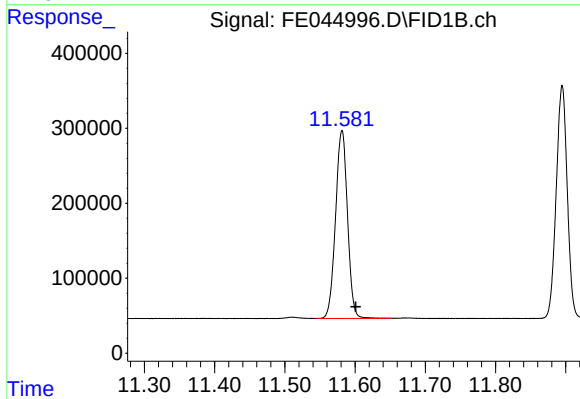
#6 n-Tetradecane (C14)

R.T.: 8.526 min
Delta R.T.: -0.019 min
Response: 2911879
Conc: 16.98 ug/ml



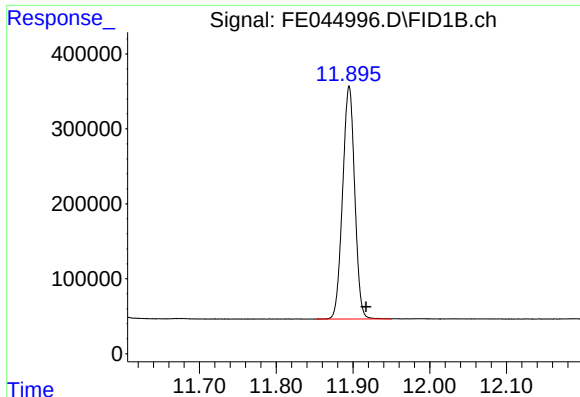
#7 n-Hexadecane (C16)

R.T.: 10.136 min
Delta R.T.: -0.019 min
Response: 2962006
Conc: 16.94 ug/ml



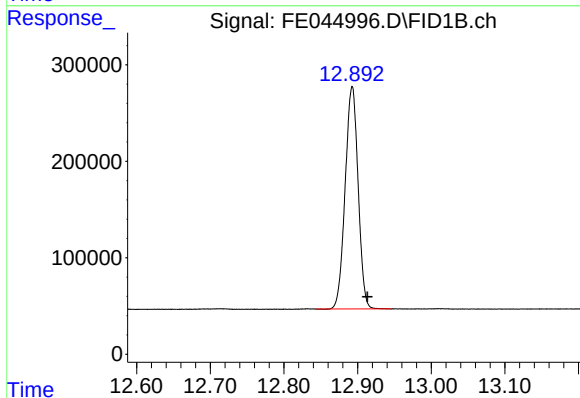
#8 n-Octadecane (C18)

R.T.: 11.581 min
Delta R.T.: -0.020 min
Response: 2964735
Conc: 17.00 ug/ml



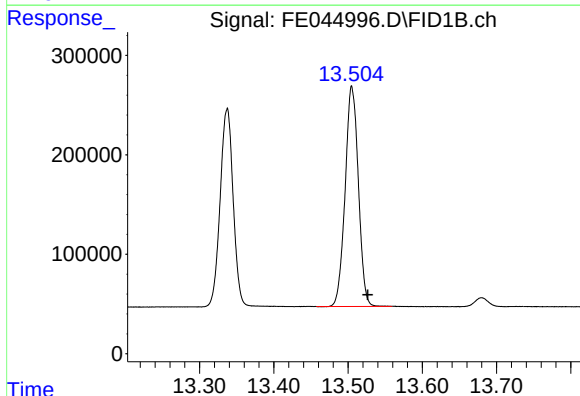
#9 ortho-Terphenyl (SURR)

R.T.: 11.895 min
Delta R.T.: -0.022 min
Response: 3402632
Conc: 16.97 ug/ml



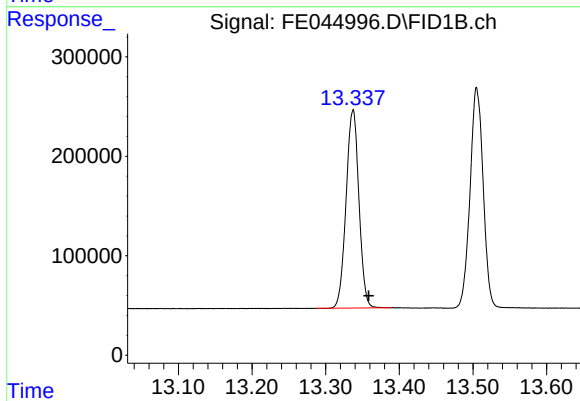
#10 n-Eicosane (C20)

R.T.: 12.893 min
Delta R.T.: -0.021 min
Response: 2820981
Conc: 16.89 ug/ml



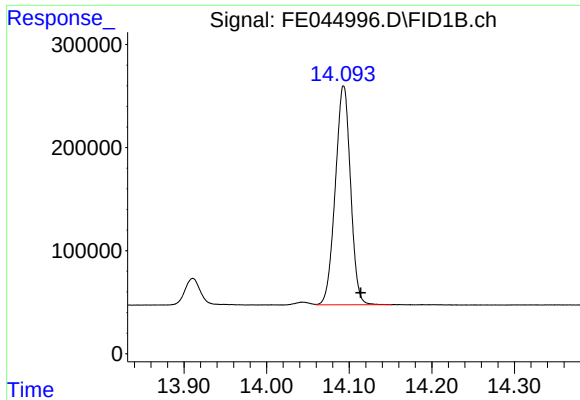
#11 n-Heneicosane (C21)

R.T.: 13.505 min
Delta R.T.: -0.022 min
Response: 2739568
Conc: 16.81 ug/ml



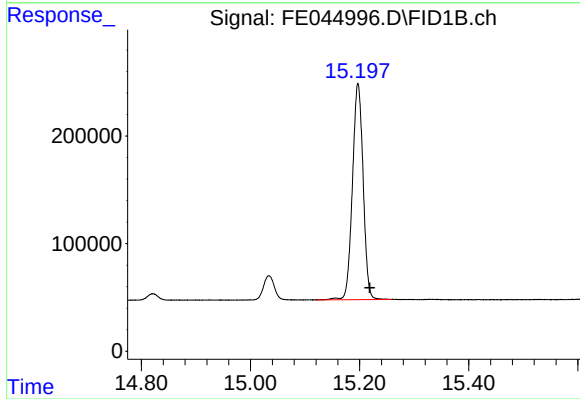
#12 1-chlorooctadecane (SURR)

R.T.: 13.337 min
Delta R.T.: -0.021 min
Response: 2418081
Conc: 16.34 ug/ml



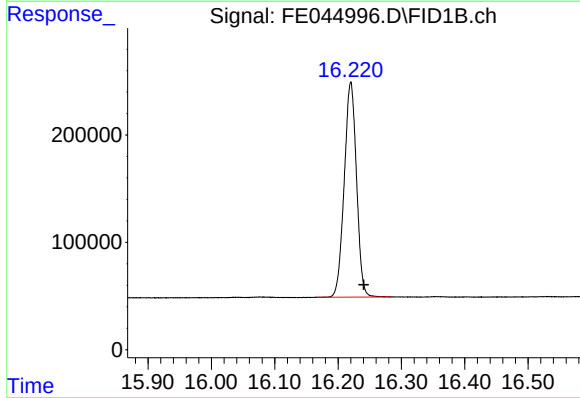
#13 n-Docosane (C22)

R.T.: 14.093 min
Delta R.T.: -0.021 min
Response: 2727359
Conc: 17.05 ug/ml



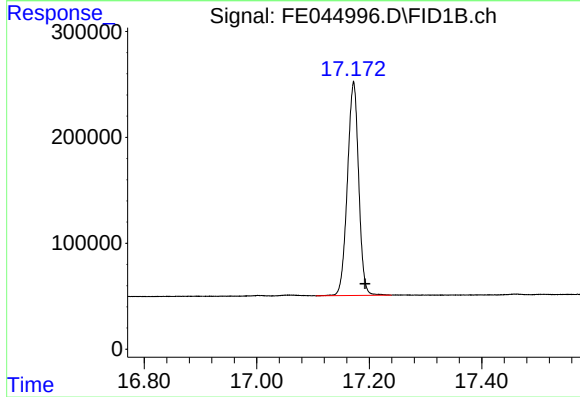
#14 n-Tetracosane (C24)

R.T.: 15.197 min
Delta R.T.: -0.022 min
Response: 2729495
Conc: 17.59 ug/ml



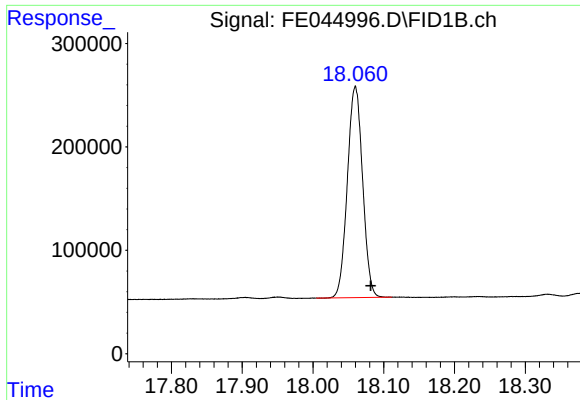
#15 n-Hexacosane (C26)

R.T.: 16.220 min
Delta R.T.: -0.020 min
Response: 2699865
Conc: 17.98 ug/ml



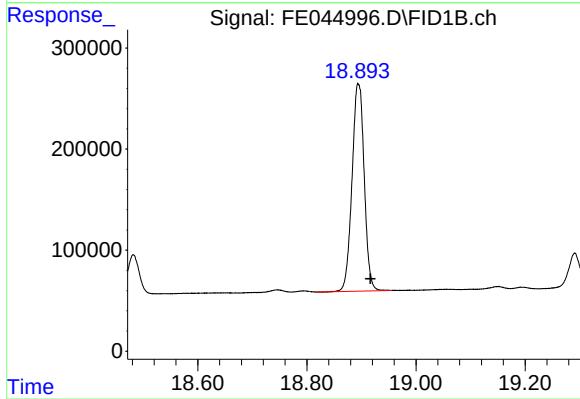
#16 n-Octacosane (C28)

R.T.: 17.172 min
Delta R.T.: -0.020 min
Response: 2803134
Conc: 19.09 ug/ml



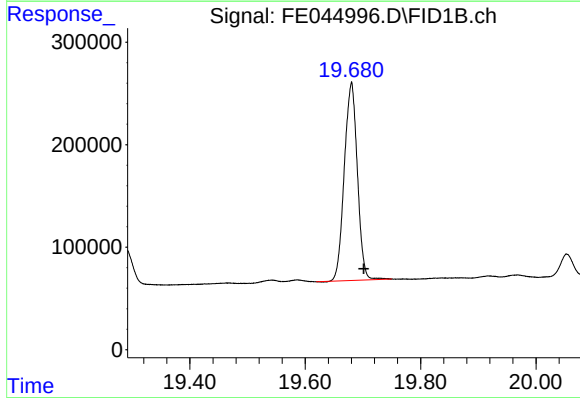
#17 n-Tricontane (C30)

R.T.: 18.060 min
Delta R.T.: -0.022 min
Response: 3055216
Conc: 20.54 ug/ml



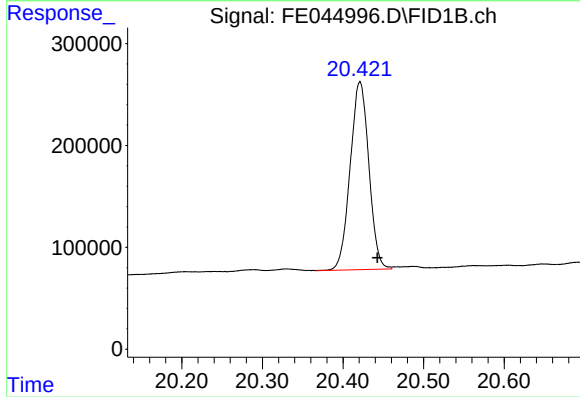
#18 n-Dotriacontane (C32)

R.T.: 18.894 min
Delta R.T.: -0.022 min
Response: 3183685
Conc: 21.21 ug/ml



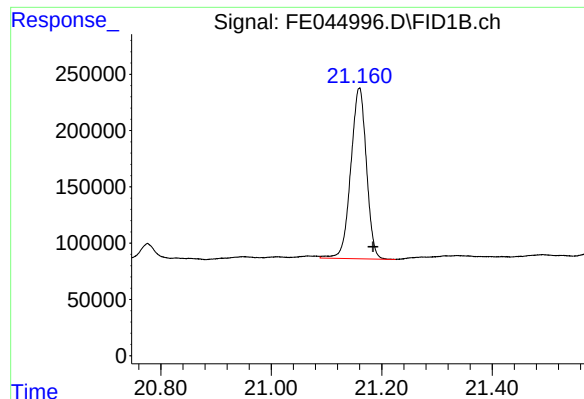
#19 n-Tetratriacontane (C34)

R.T.: 19.680 min
Delta R.T.: -0.021 min
Response: 3037913
Conc: 20.41 ug/ml



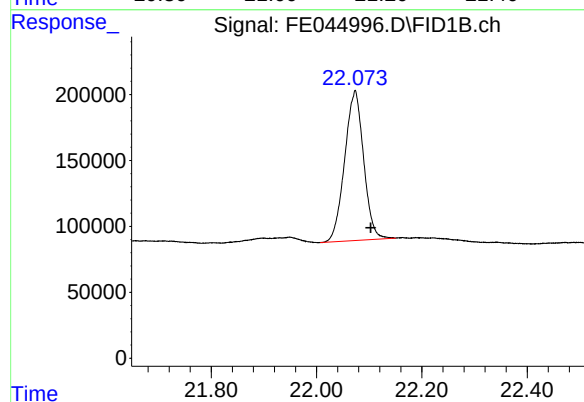
#20 n-Hexatriacontane (C36)

R.T.: 20.421 min
Delta R.T.: -0.022 min
Response: 2971246
Conc: 19.33 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.160 min
Delta R.T.: -0.024 min
Response: 2978642
Conc: 19.07 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.073 min
Delta R.T.: -0.030 min
Response: 2834455
Conc: 16.96 ug/ml