

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE021723AL\
 Data File : FE040431.D
 Signal(s) : FID1B.ch
 Acq On : 18 Feb 2023 03:47
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Feb 18 04:12:22 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)	11.888	3237844	20.004 ug/ml
Spiked Amount 50.000		Recovery =	40.01%
12) S 1-chlorooctadecane (S...	13.327	2480369	19.999 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
Target Compounds			
1) T n-Nonane (C9)	3.283	2741593	20.143 ug/ml
2) T n-Decane (C10)	4.532	2695245	20.285 ug/ml
3) T A~Naphthalene (C11.7)	6.234	2959297	20.220 ug/ml
4) T n-Dodecane (C12)	6.696	2741988	20.366 ug/ml
5) T A~2-methylnaphthalene...	7.329	2745262	20.282 ug/ml
6) T n-Tetradecane (C14)	8.523	2789578	20.241 ug/ml
7) T n-Hexadecane (C16)	10.130	2896363	20.181 ug/ml
8) T n-Octadecane (C18)	11.572	2985783	20.072 ug/ml
10) T n-Eicosane (C20)	12.882	2932822	19.949 ug/ml
11) T n-Heneicosane (C21)	13.494	2938851	19.925 ug/ml
13) T n-Docosane (C22)	14.081	2924780	19.739 ug/ml
14) T n-Tetracosane (C24)	15.185	2930683	19.306 ug/ml
15) T n-Hexacosane (C26)	16.206	2840085	19.158 ug/ml
16) T n-Octacosane (C28)	17.157	2809043	18.744 ug/ml
17) T n-Tricontane (C30)	18.046	2738153	18.558 ug/ml
18) T n-Dotriacontane (C32)	18.878	2696165	18.409 ug/ml
19) T n-Tetratriacontane (C34)	19.663	2566489	18.659 ug/ml
20) T n-Hexatriacontane (C36)	20.404	2494815	18.809 ug/ml
21) T n-Octatriacontane (C38)	21.135	2512979	19.371 ug/ml
22) T n-Tetracontane (C40)	22.032	2468336	18.591 ug/mlm

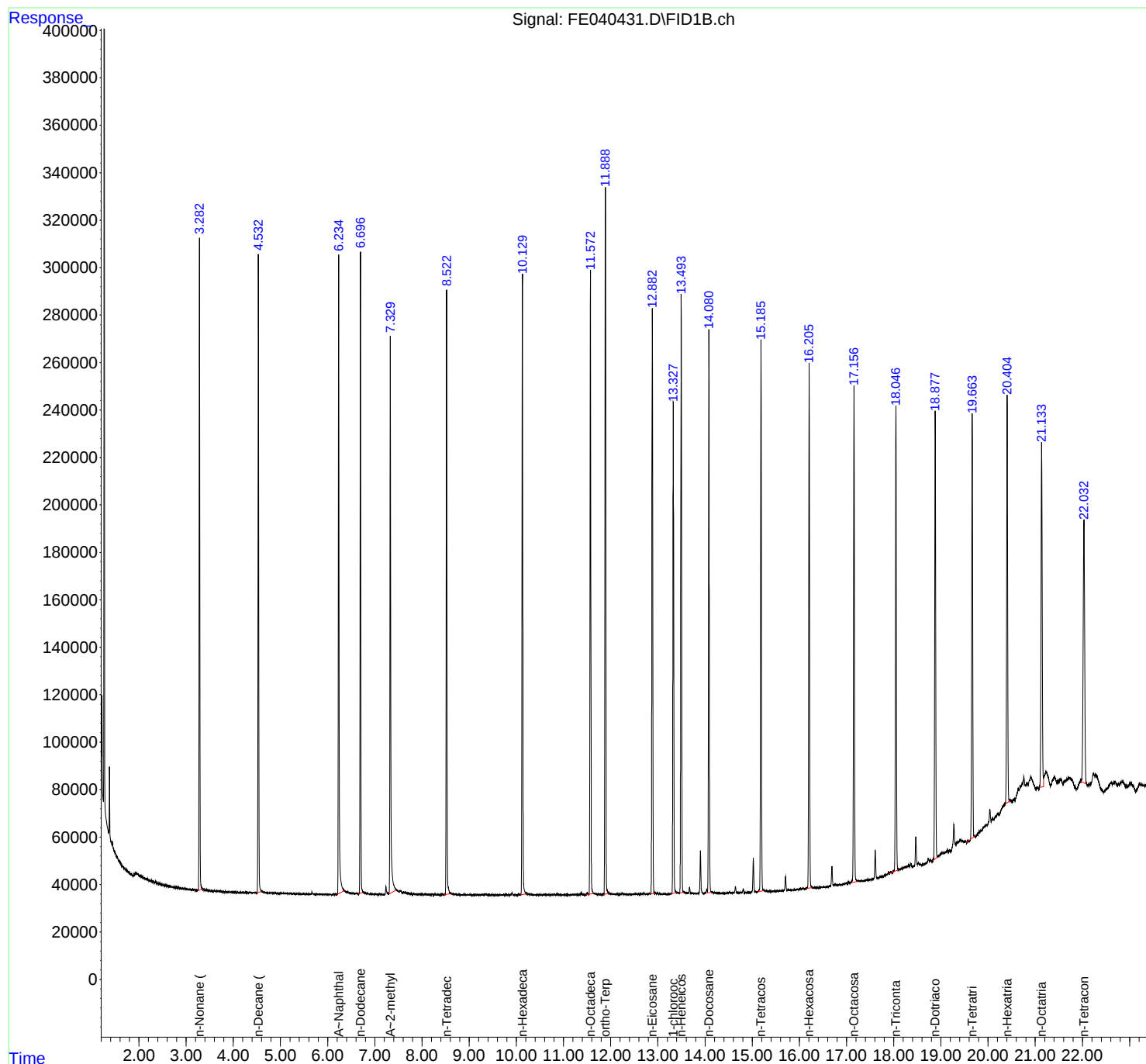
(f)=RT Delta > 1/2 Window

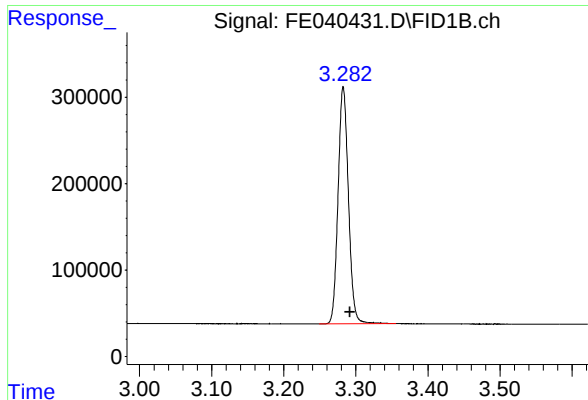
(m)=manual int.

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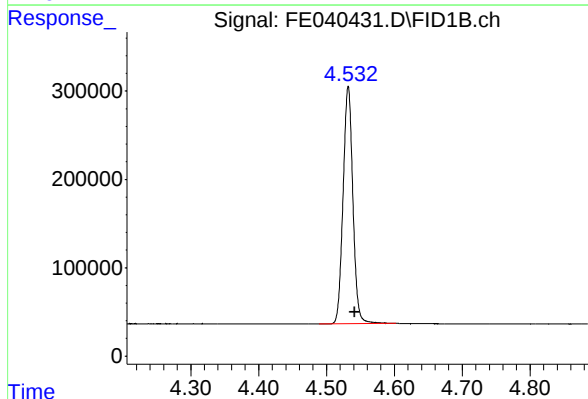
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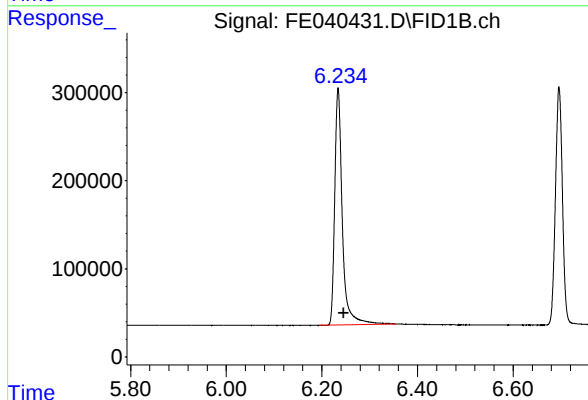
#1 n-Nonane (C9)

R.T.: 3.283 min
Delta R.T.: -0.009 min
Response: 2741593
Conc: 20.14 ug/ml



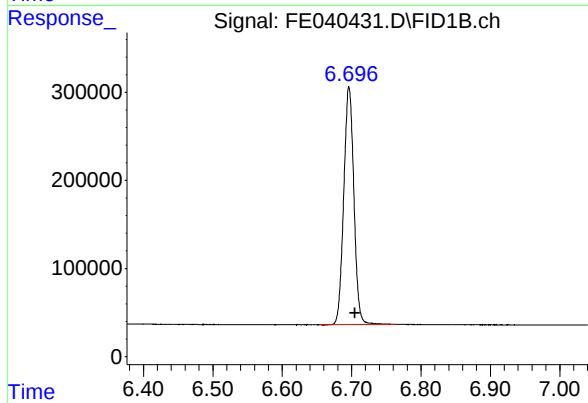
#2 n-Decane (C10)

R.T.: 4.532 min
Delta R.T.: -0.009 min
Response: 2695245
Conc: 20.29 ug/ml



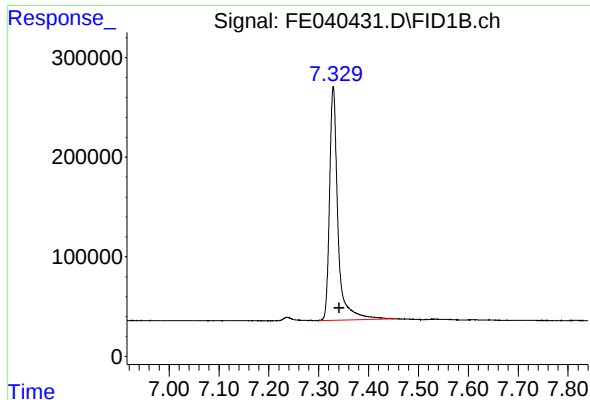
#3 A~Naphthalene (C11.7)

R.T.: 6.234 min
Delta R.T.: -0.012 min
Response: 2959297
Conc: 20.22 ug/ml



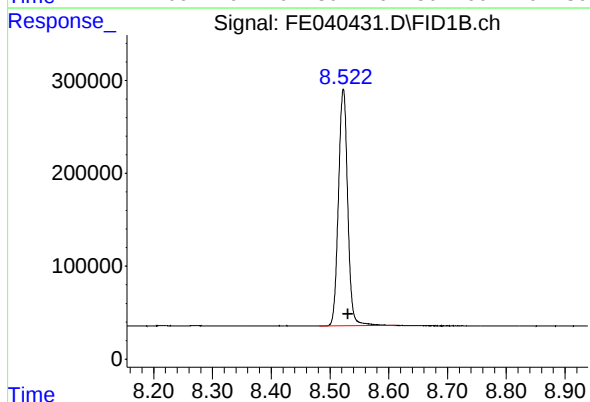
#4 n-Dodecane (C12)

R.T.: 6.696 min
Delta R.T.: -0.008 min
Response: 2741988
Conc: 20.37 ug/ml



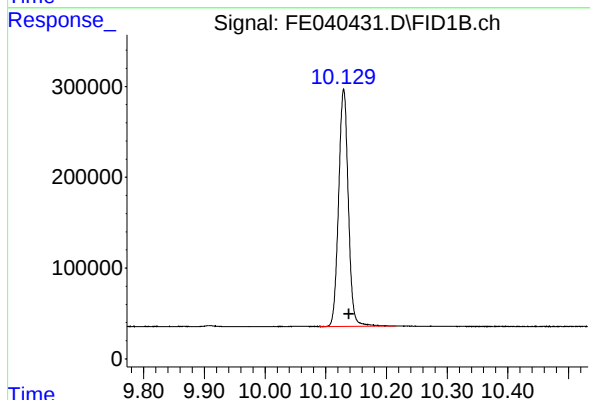
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.329 min
Delta R.T.: -0.012 min
Response: 2745262
Conc: 20.28 ug/ml



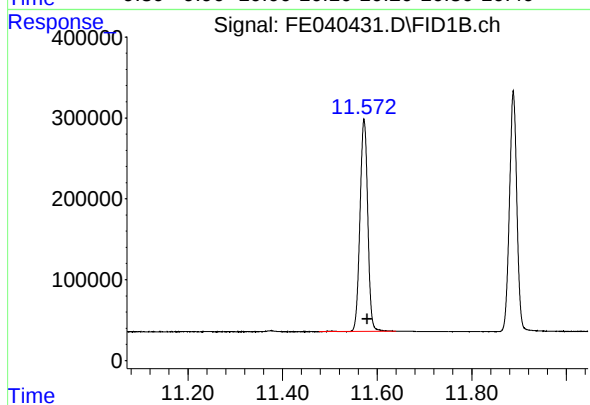
#6 n-Tetradecane (C14)

R.T.: 8.523 min
Delta R.T.: -0.008 min
Response: 2789578
Conc: 20.24 ug/ml



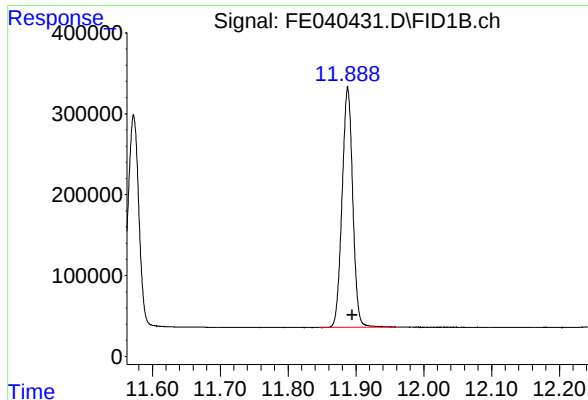
#7 n-Hexadecane (C16)

R.T.: 10.130 min
Delta R.T.: -0.008 min
Response: 2896363
Conc: 20.18 ug/ml



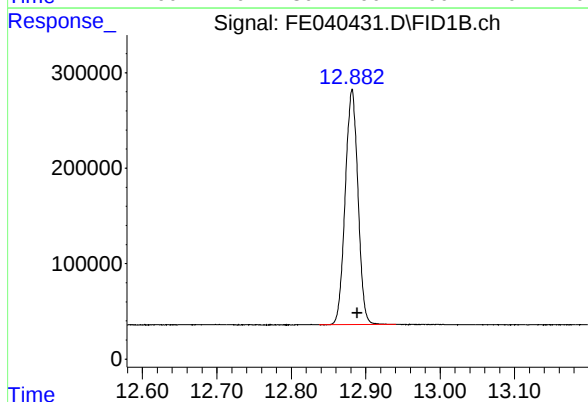
#8 n-Octadecane (C18)

R.T.: 11.572 min
Delta R.T.: -0.007 min
Response: 2985783
Conc: 20.07 ug/ml



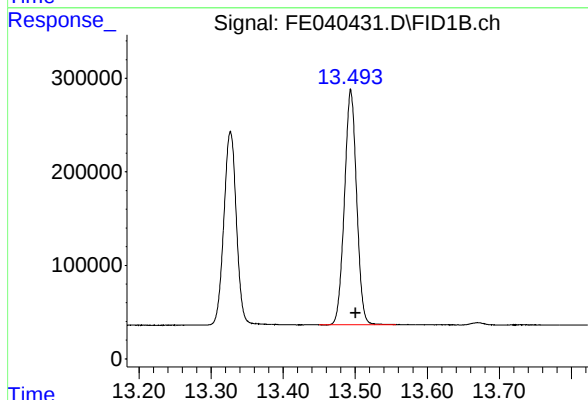
#9 ortho-Terphenyl (SURR)

R.T.: 11.888 min
Delta R.T.: -0.007 min
Response: 3237844
Conc: 20.00 ug/ml



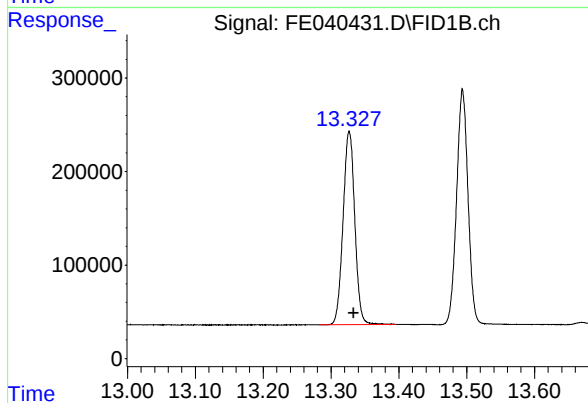
#10 n-Eicosane (C20)

R.T.: 12.882 min
Delta R.T.: -0.007 min
Response: 2932822
Conc: 19.95 ug/ml



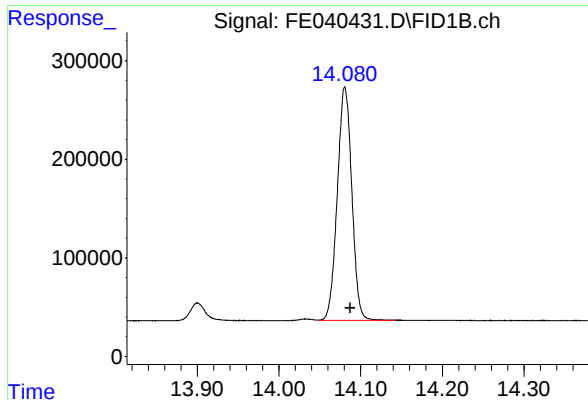
#11 n-Heneicosane (C21)

R.T.: 13.494 min
Delta R.T.: -0.007 min
Response: 2938851
Conc: 19.93 ug/ml



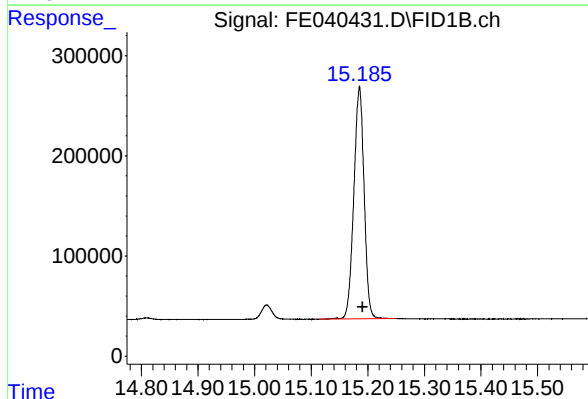
#12 1-chlorooctadecane (SURR)

R.T.: 13.327 min
Delta R.T.: -0.007 min
Response: 2480369
Conc: 20.00 ug/ml



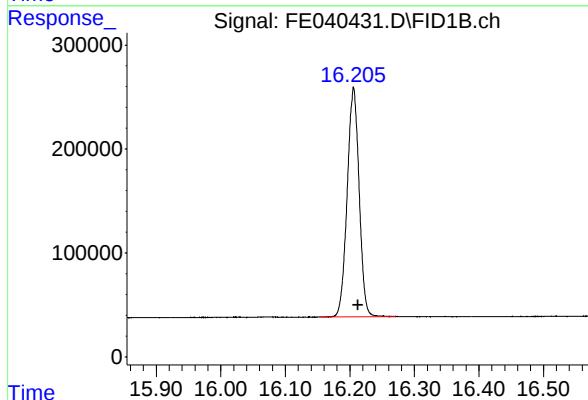
#13 n-Docosane (C22)

R.T.: 14.081 min
Delta R.T.: -0.007 min
Response: 2924780
Conc: 19.74 ug/ml



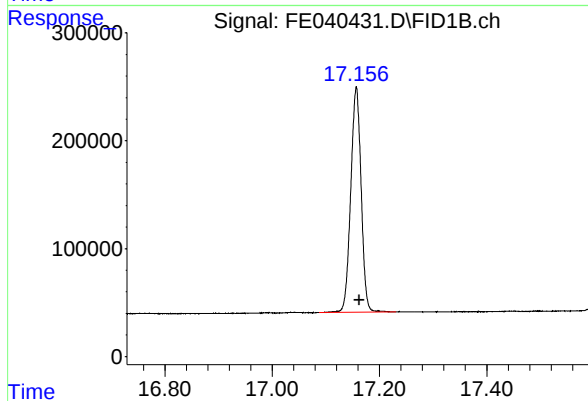
#14 n-Tetracosane (C24)

R.T.: 15.185 min
Delta R.T.: -0.005 min
Response: 2930683
Conc: 19.31 ug/ml



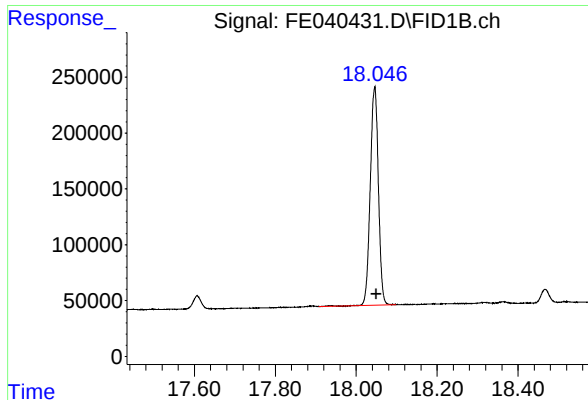
#15 n-Hexacosane (C26)

R.T.: 16.206 min
Delta R.T.: -0.007 min
Response: 2840085
Conc: 19.16 ug/ml



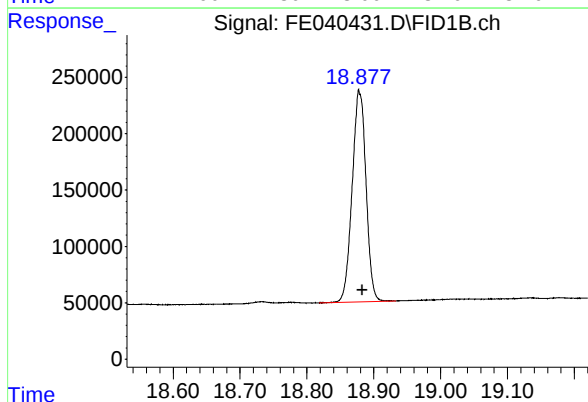
#16 n-Octacosane (C28)

R.T.: 17.157 min
Delta R.T.: -0.006 min
Response: 2809043
Conc: 18.74 ug/ml



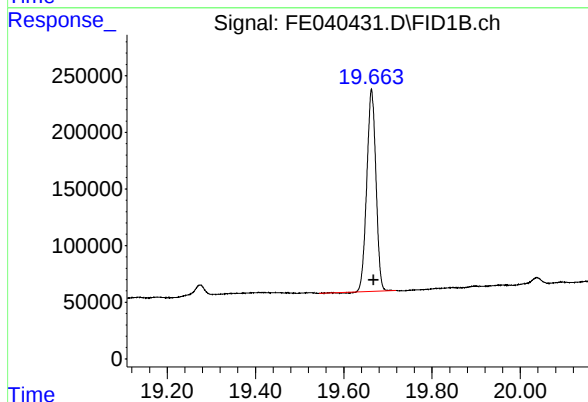
#17 n-Tricontane (C30)

R.T.: 18.046 min
Delta R.T.: -0.004 min
Response: 2738153
Conc: 18.56 ug/ml



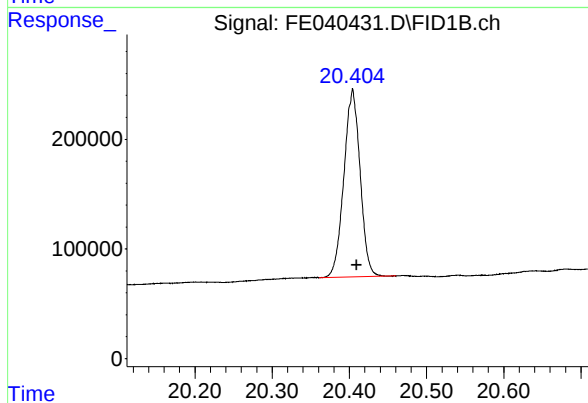
#18 n-Dotriacontane (C32)

R.T.: 18.878 min
Delta R.T.: -0.005 min
Response: 2696165
Conc: 18.41 ug/ml



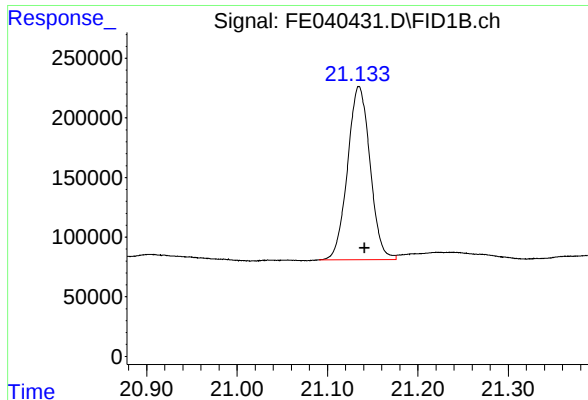
#19 n-Tetatriacontane (C34)

R.T.: 19.663 min
Delta R.T.: -0.005 min
Response: 2566489
Conc: 18.66 ug/ml



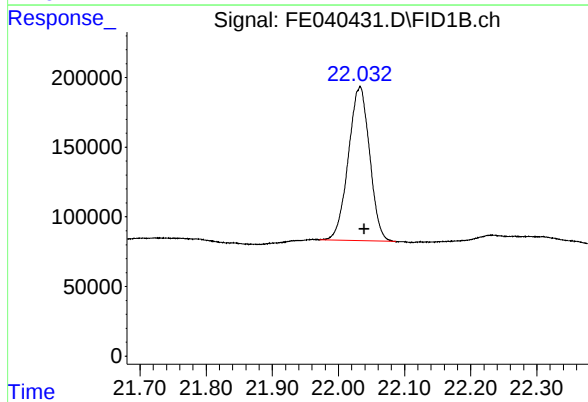
#20 n-Hexatriacontane (C36)

R.T.: 20.404 min
Delta R.T.: -0.005 min
Response: 2494815
Conc: 18.81 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.135 min
Delta R.T.: -0.006 min
Response: 2512979
Conc: 19.37 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.032 min
Delta R.T.: -0.006 min
Response: 2468336
Conc: 18.59 ug/ml m