

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE030823AL\
 Data File : FE040707.D
 Signal(s) : FID1B.ch
 Acq On : 08 Mar 2023 10:57
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Mar 08 14:07:53 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 022823.M
 Quant Title : GC Extractables
 QLast Update : Tue Feb 28 03:05:09 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)	11.882	4093088	21.910 ug/ml
Spiked Amount 50.000		Recovery =	43.82%
12) S 1-chlorooctadecane (S...	13.320	3186994	21.533 ug/ml
Spiked Amount 50.000		Recovery =	43.07%
Target Compounds			
1) T n-Nonane (C9)	3.278	3520266	22.878 ug/ml
2) T n-Decane (C10)	4.525	3494973	23.231 ug/ml
3) T A~Naphthalene (C11.7)	6.228	3892382	23.467 ug/ml
4) T n-Dodecane (C12)	6.690	3555705	23.227 ug/ml
5) T A~2-methylnaphthalene...	7.323	3627989	23.972 ug/ml
6) T n-Tetradecane (C14)	8.516	3606019	23.332 ug/ml
7) T n-Hexadecane (C16)	10.124	3731934	23.105 ug/ml
8) T n-Octadecane (C18)	11.566	3818616	22.490 ug/ml
10) T n-Eicosane (C20)	12.876	3710723	21.935 ug/ml
11) T n-Heneicosane (C21)	13.488	3712624	21.666 ug/ml
13) T n-Docosane (C22)	14.074	3652301	21.320 ug/ml
14) T n-Tetracosane (C24)	15.179	3567204	20.692 ug/ml
15) T n-Hexacosane (C26)	16.200	3394886	19.974 ug/ml
16) T n-Octacosane (C28)	17.152	3294339	19.644 ug/ml
17) T n-Tricontane (C30)	18.040	3229985	19.781 ug/ml
18) T n-Dotriacontane (C32)	18.873	3222783	18.830 ug/ml
19) T n-Tetratriacontane (C34)	19.658	3065033	19.825 ug/ml
20) T n-Hexatriacontane (C36)	20.400	2915467	20.068 ug/ml
21) T n-Octatriacontane (C38)	21.132	2815780	20.485 ug/ml
22) T n-Tetracontane (C40)	22.027	2909527	18.829 ug/ml

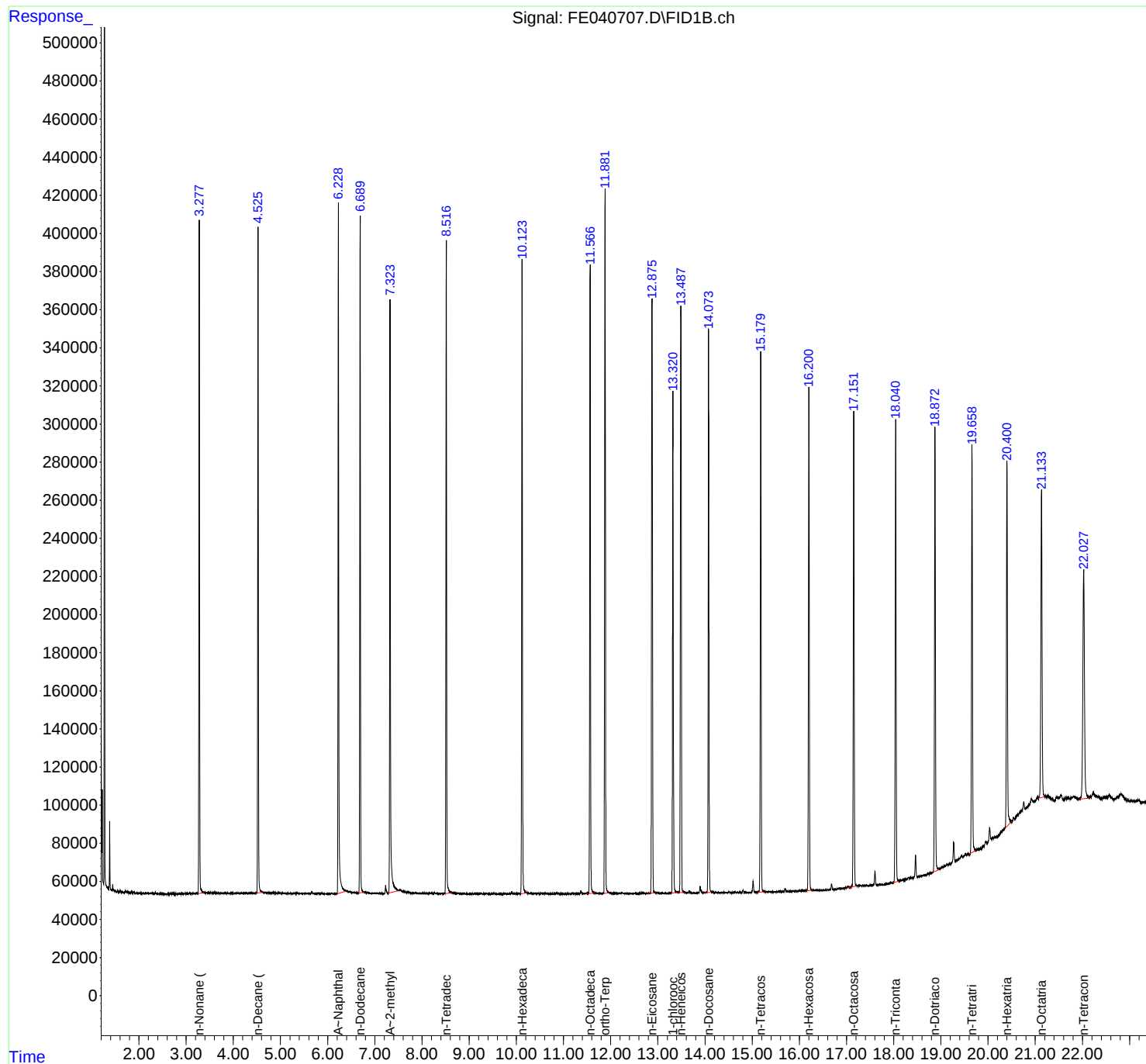
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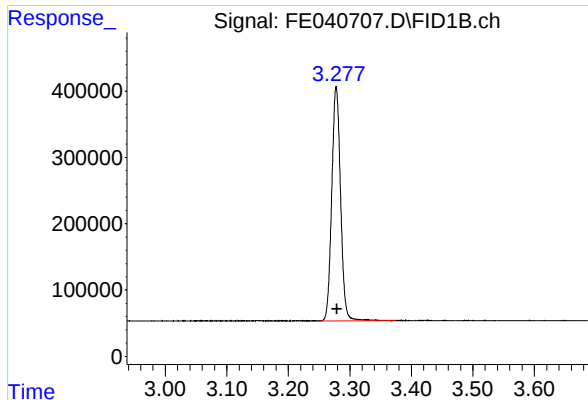
(m)=manual int.

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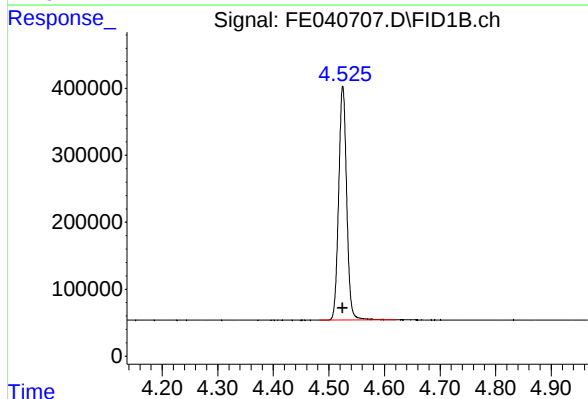
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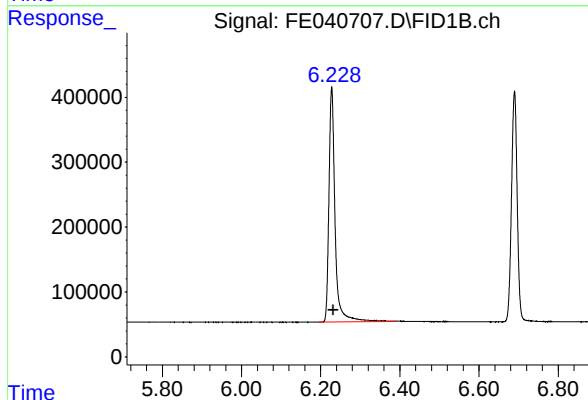
#1 n-Nonane (C9)

R.T.: 3.278 min
Delta R.T.: -0.001 min
Response: 3520266
Conc: 22.88 ug/ml



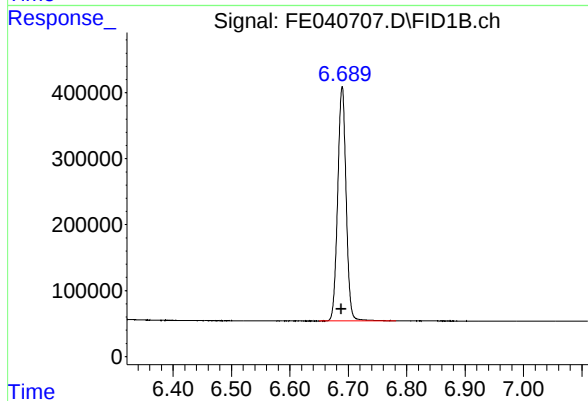
#2 n-Decane (C10)

R.T.: 4.525 min
Delta R.T.: 0.000 min
Response: 3494973
Conc: 23.23 ug/ml



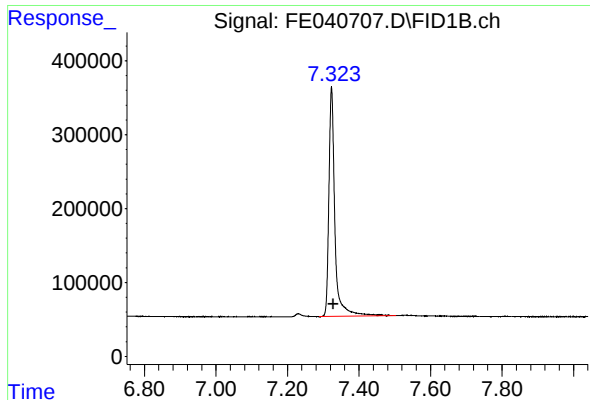
#3 A~Naphthalene (C11.7)

R.T.: 6.228 min
Delta R.T.: -0.003 min
Response: 3892382
Conc: 23.47 ug/ml



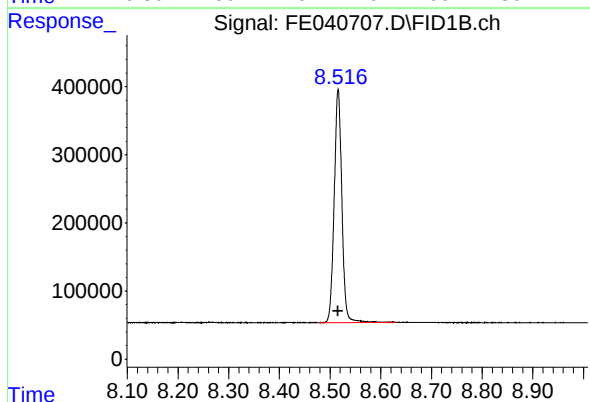
#4 n-Dodecane (C12)

R.T.: 6.690 min
Delta R.T.: 0.002 min
Response: 3555705
Conc: 23.23 ug/ml



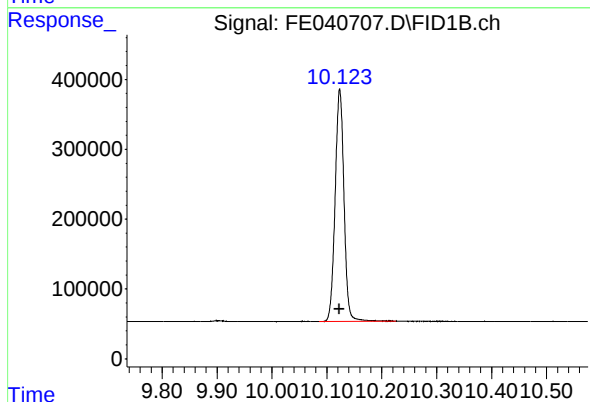
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.323 min
Delta R.T.: -0.005 min
Response: 3627989
Conc: 23.97 ug/ml



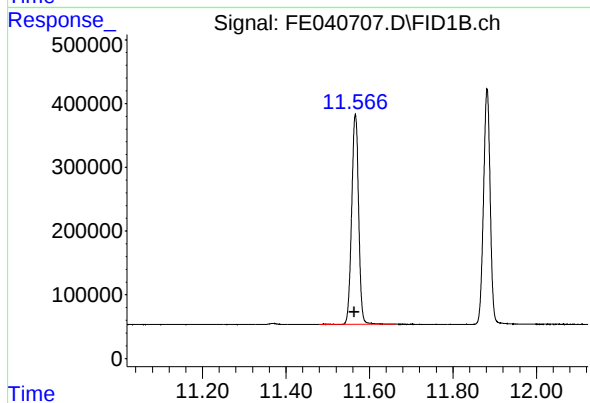
#6 n-Tetradecane (C14)

R.T.: 8.516 min
Delta R.T.: 0.000 min
Response: 3606019
Conc: 23.33 ug/ml



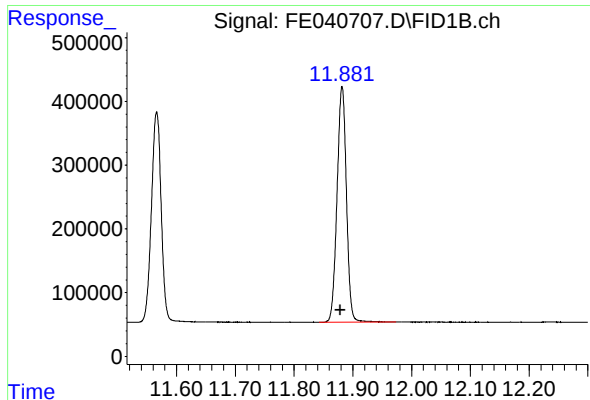
#7 n-Hexadecane (C16)

R.T.: 10.124 min
Delta R.T.: 0.000 min
Response: 3731934
Conc: 23.10 ug/ml



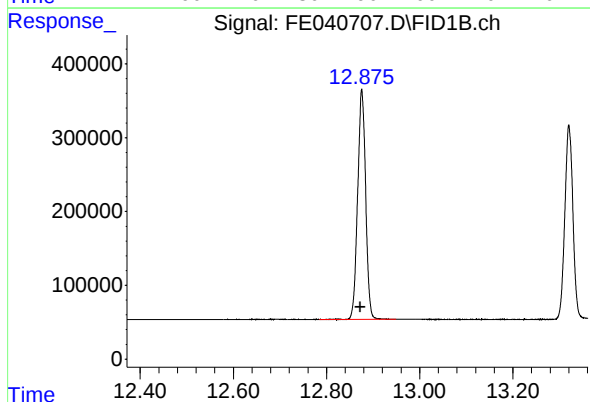
#8 n-Octadecane (C18)

R.T.: 11.566 min
Delta R.T.: 0.003 min
Response: 3818616
Conc: 22.49 ug/ml



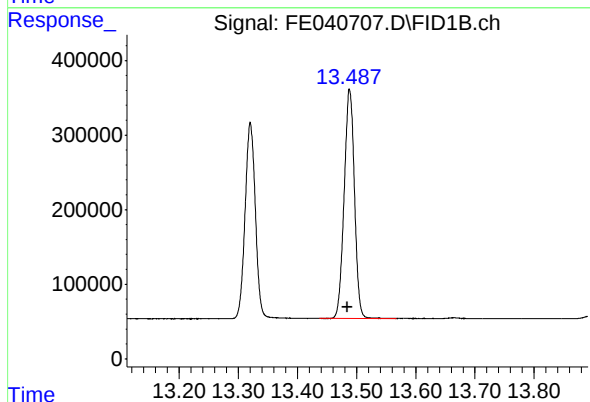
#9 ortho-Terphenyl (SURR)

R.T.: 11.882 min
Delta R.T.: 0.003 min
Response: 4093088
Conc: 21.91 ug/ml



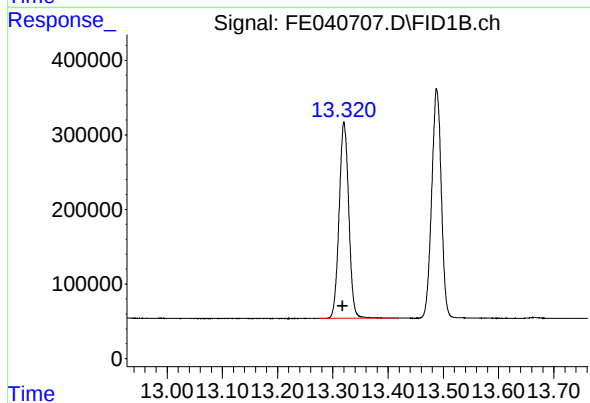
#10 n-Eicosane (C20)

R.T.: 12.876 min
Delta R.T.: 0.003 min
Response: 3710723
Conc: 21.94 ug/ml



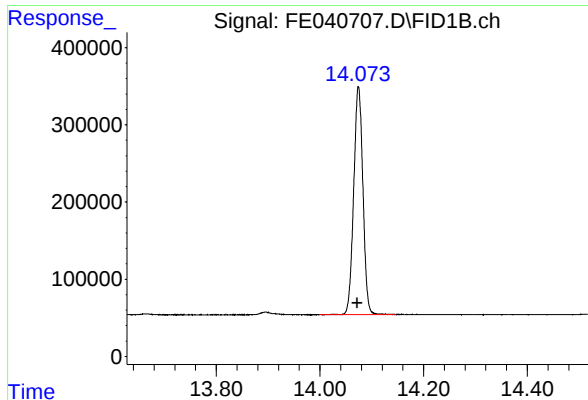
#11 n-Heneicosane (C21)

R.T.: 13.488 min
Delta R.T.: 0.004 min
Response: 3712624
Conc: 21.67 ug/ml



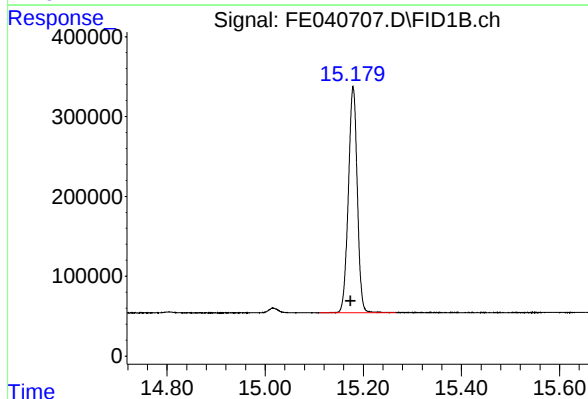
#12 1-chlorooctadecane (SURR)

R.T.: 13.320 min
Delta R.T.: 0.002 min
Response: 3186994
Conc: 21.53 ug/ml



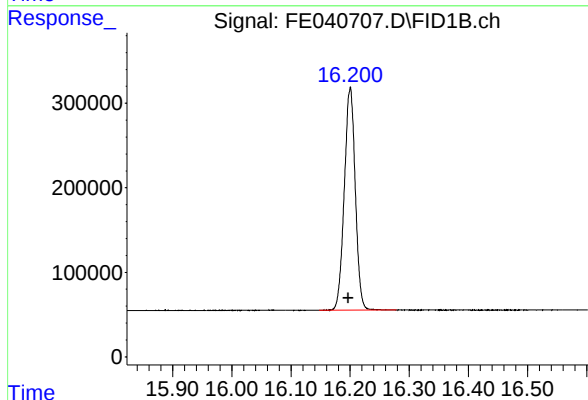
#13 n-Docosane (C22)

R.T.: 14.074 min
Delta R.T.: 0.003 min
Response: 3652301
Conc: 21.32 ug/ml



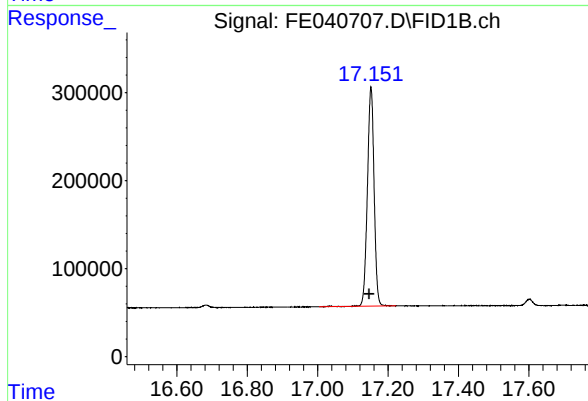
#14 n-Tetracosane (C24)

R.T.: 15.179 min
Delta R.T.: 0.005 min
Response: 3567204
Conc: 20.69 ug/ml



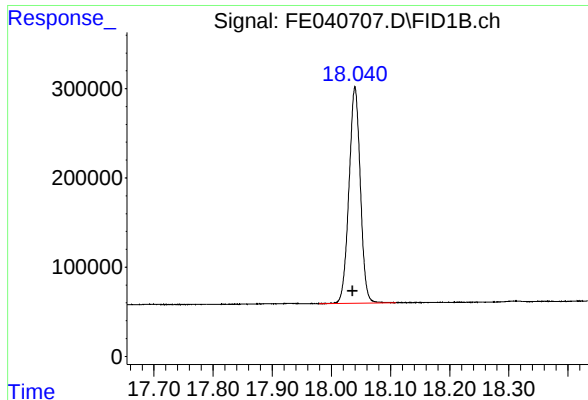
#15 n-Hexacosane (C26)

R.T.: 16.200 min
Delta R.T.: 0.004 min
Response: 3394886
Conc: 19.97 ug/ml



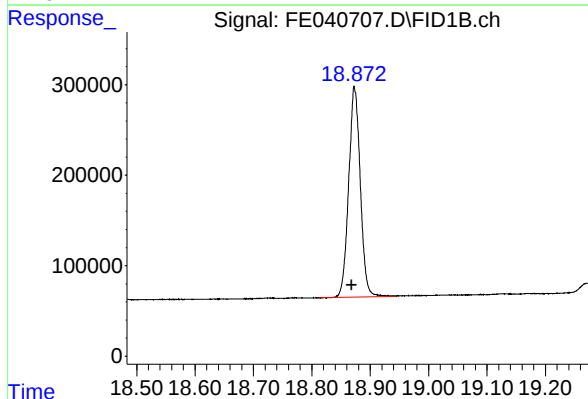
#16 n-Octacosane (C28)

R.T.: 17.152 min
Delta R.T.: 0.004 min
Response: 3294339
Conc: 19.64 ug/ml



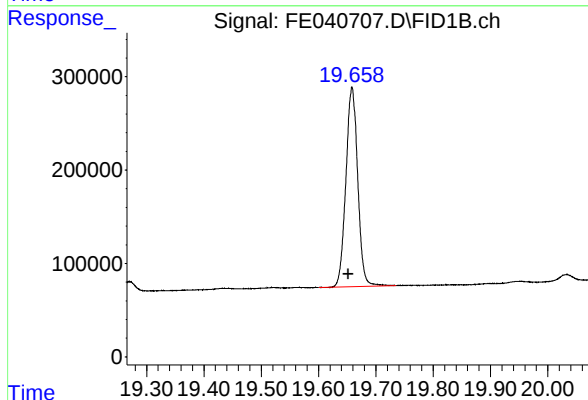
#17 n-Tricontane (C30)

R.T.: 18.040 min
Delta R.T.: 0.004 min
Response: 3229985
Conc: 19.78 ug/ml



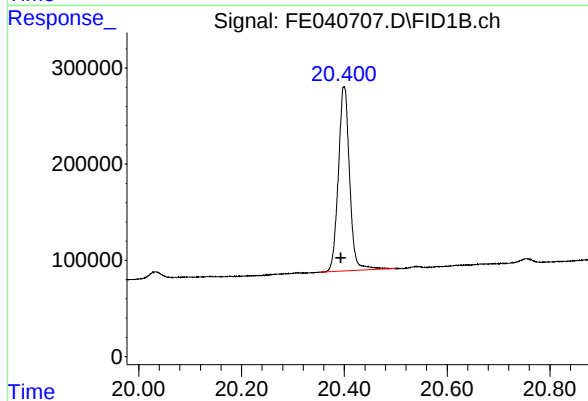
#18 n-Dotriacontane (C32)

R.T.: 18.873 min
Delta R.T.: 0.005 min
Response: 3222783
Conc: 18.83 ug/ml



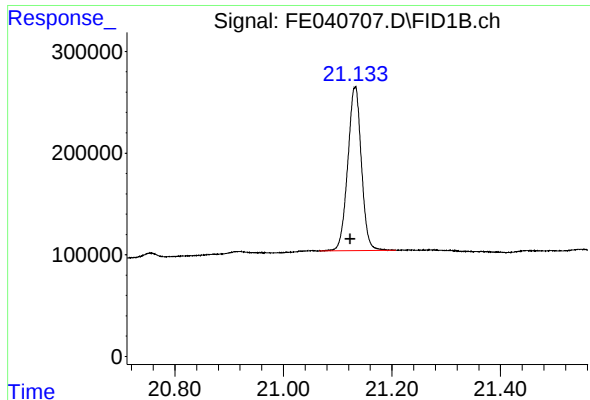
#19 n-Tetatriacontane (C34)

R.T.: 19.658 min
Delta R.T.: 0.006 min
Response: 3065033
Conc: 19.82 ug/ml



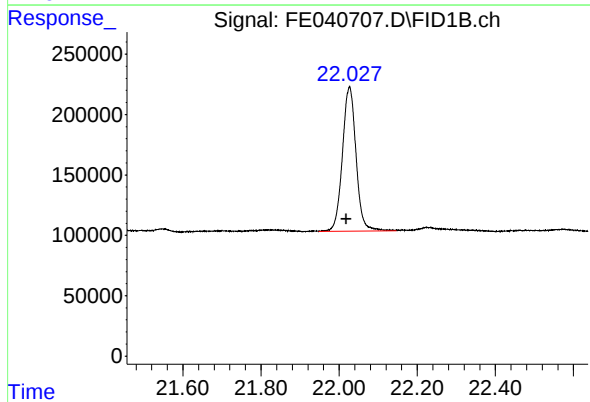
#20 n-Hexatriacontane (C36)

R.T.: 20.400 min
Delta R.T.: 0.006 min
Response: 2915467
Conc: 20.07 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.132 min
Delta R.T.: 0.009 min
Response: 2815780
Conc: 20.48 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.027 min
Delta R.T.: 0.008 min
Response: 2909527
Conc: 18.83 ug/ml