

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE012524AL\
 Data File : FE046406.D
 Signal(s) : FID1B.ch
 Acq On : 26 Jan 2024 10:08
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jan 26 10:31:14 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 012524.M
 Quant Title : GC Extractables
 QLast Update : Thu Jan 25 14:56:03 2024
 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)	11.827	3567504	19.293 ug/ml
Spiked Amount 50.000		Recovery =	38.59%
12) S 1-chlorooctadecane (S...	13.268	2715427	19.086 ug/ml
Spiked Amount 50.000		Recovery =	38.17%
Target Compounds			
1) T n-Nonane (C9)	3.212	3185274	19.720 ug/ml
2) T n-Decane (C10)	4.462	3243618	19.792 ug/ml
3) T A~Naphthalene (C11.7)	6.166	3408625	19.934 ug/ml
4) T n-Dodecane (C12)	6.629	3279982	19.829 ug/ml
5) T A~2-methylnaphthalene...	7.263	3247193	20.360 ug/ml
6) T n-Tetradecane (C14)	8.456	3251394	19.838 ug/ml
7) T n-Hexadecane (C16)	10.066	3365949	19.698 ug/ml
8) T n-Octadecane (C18)	11.512	3397556	19.488 ug/ml
10) T n-Eicosane (C20)	12.823	3269096	19.254 ug/ml
11) T n-Heneicosane (C21)	13.435	3189180	19.121 ug/ml
13) T n-Docosane (C22)	14.022	3152245	19.028 ug/ml
14) T n-Tetracosane (C24)	15.129	3100852	18.793 ug/ml
15) T n-Hexacosane (C26)	16.151	2997958	18.575 ug/ml
16) T n-Octacosane (C28)	17.106	2906882	18.517 ug/ml
17) T n-Tricontane (C30)	17.997	2895210	18.484 ug/ml
18) T n-Dotriacontane (C32)	18.833	2984207	19.742 ug/ml
19) T n-Tetratriacontane (C34)	19.620	2586631	18.237 ug/ml
20) T n-Hexatriacontane (C36)	20.364	2514474	18.242 ug/ml
21) T n-Octatriacontane (C38)	21.095	2437842	19.017 ug/ml
22) T n-Tetracontane (C40)	21.990	2222863	17.778 ug/ml

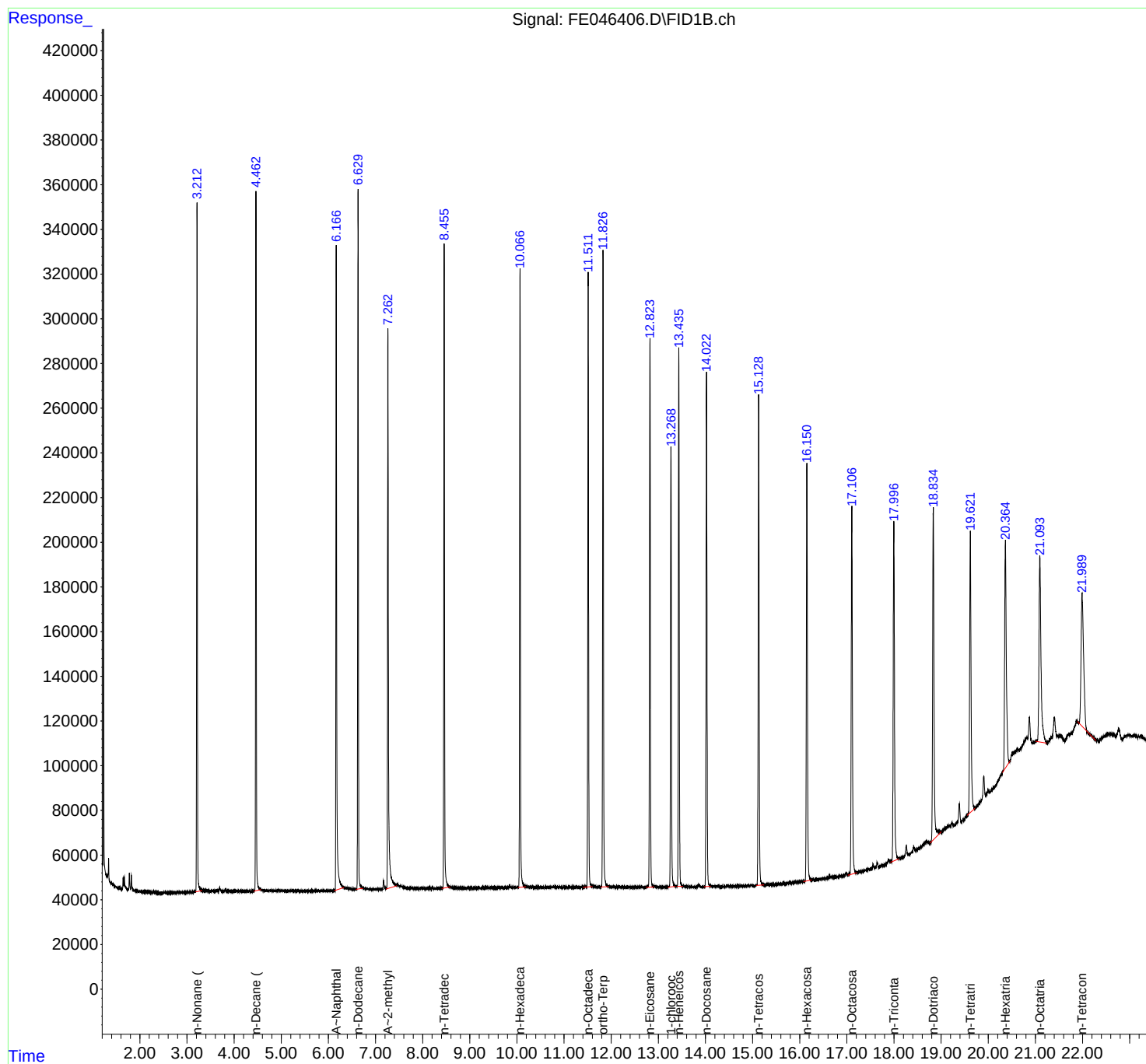
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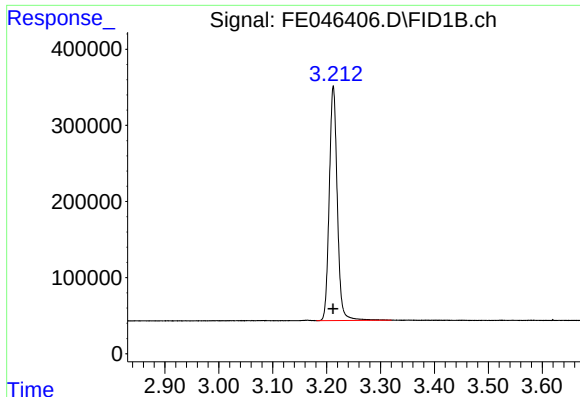
(m)=manual int.

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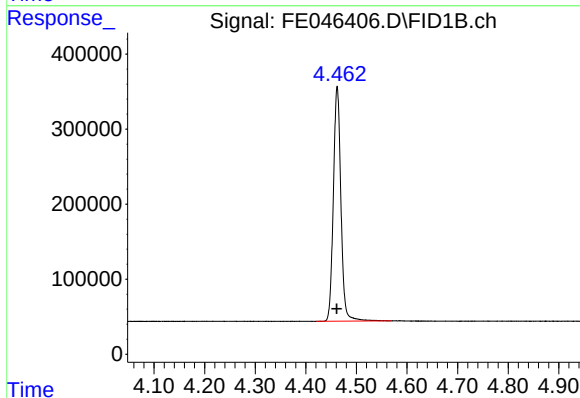
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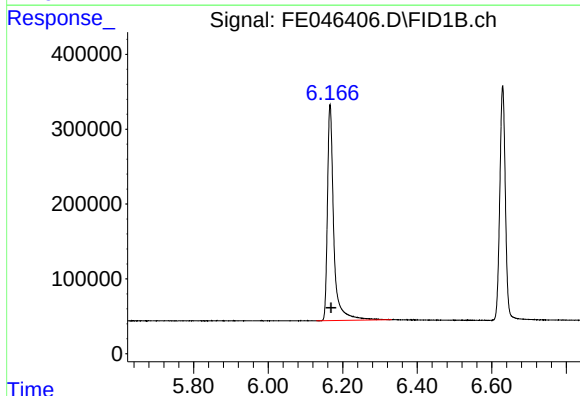
#1 n-Nonane (C9)

R.T.: 3.212 min
Delta R.T.: 0.000 min
Response: 3185274
Conc: 19.72 ug/ml



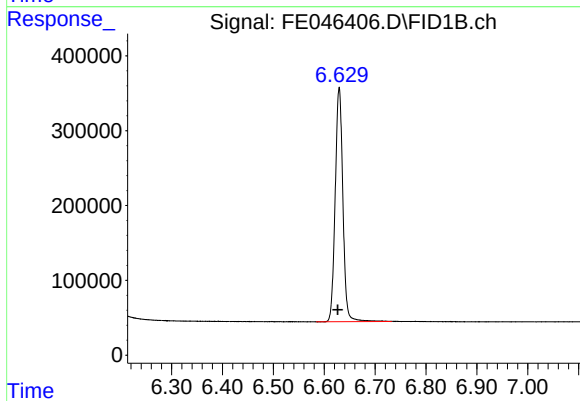
#2 n-Decane (C10)

R.T.: 4.462 min
Delta R.T.: 0.001 min
Response: 3243618
Conc: 19.79 ug/ml



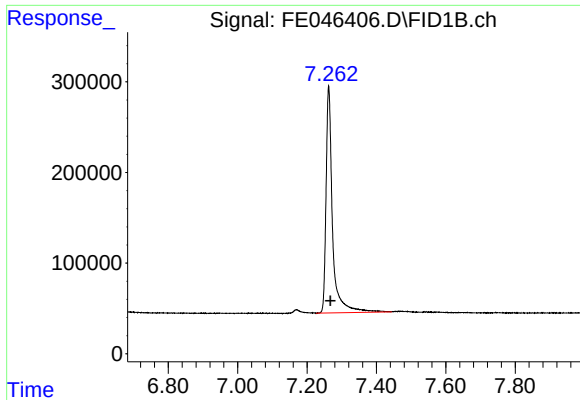
#3 A~Naphthalene (C11.7)

R.T.: 6.166 min
Delta R.T.: -0.002 min
Response: 3408625
Conc: 19.93 ug/ml



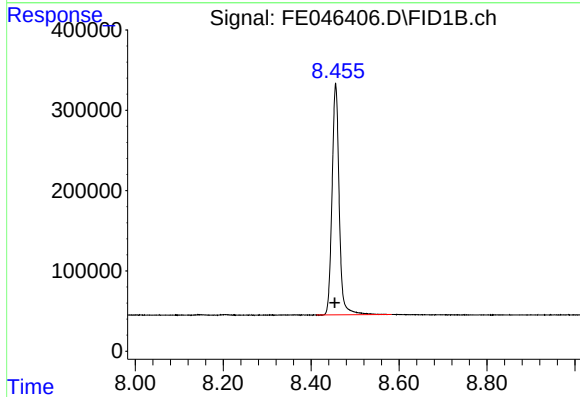
#4 n-Dodecane (C12)

R.T.: 6.629 min
Delta R.T.: 0.003 min
Response: 3279982
Conc: 19.83 ug/ml



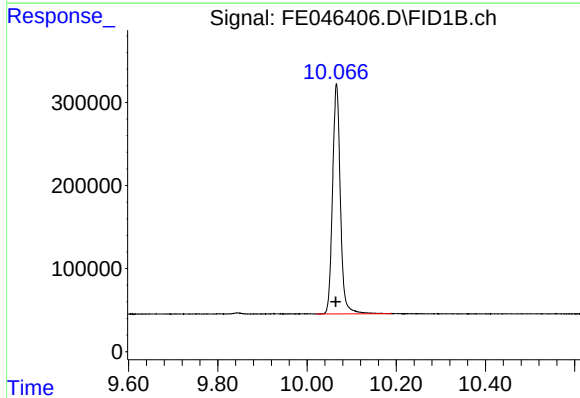
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.263 min
Delta R.T.: -0.005 min
Response: 3247193
Conc: 20.36 ug/ml



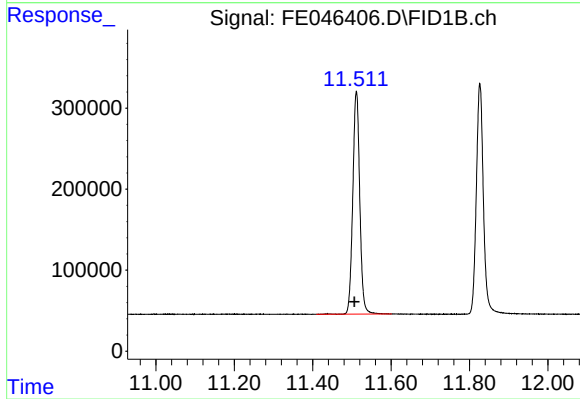
#6 n-Tetradecane (C14)

R.T.: 8.456 min
Delta R.T.: 0.002 min
Response: 3251394
Conc: 19.84 ug/ml



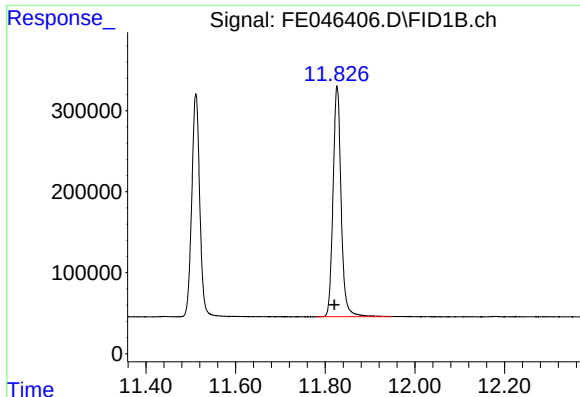
#7 n-Hexadecane (C16)

R.T.: 10.066 min
Delta R.T.: 0.002 min
Response: 3365949
Conc: 19.70 ug/ml



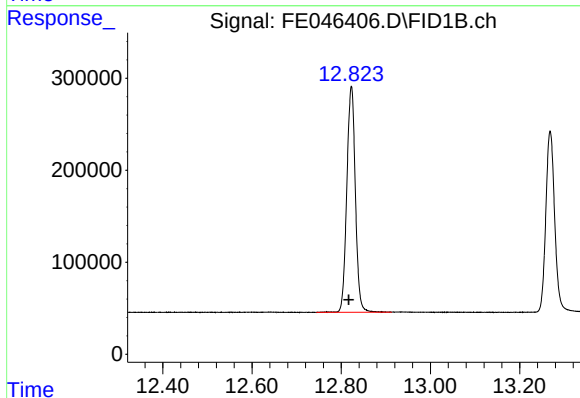
#8 n-Octadecane (C18)

R.T.: 11.512 min
Delta R.T.: 0.005 min
Response: 3397556
Conc: 19.49 ug/ml



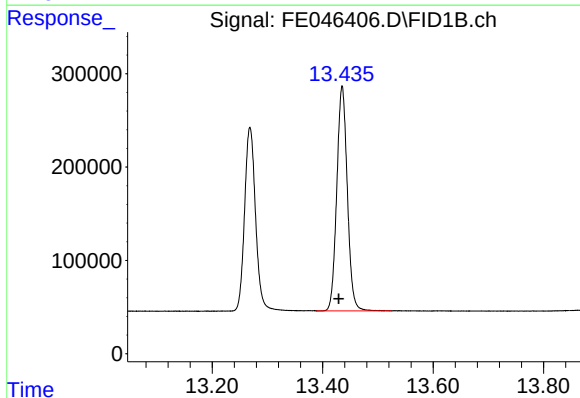
#9 ortho-Terphenyl (SURR)

R.T.: 11.827 min
Delta R.T.: 0.006 min
Response: 3567504
Conc: 19.29 ug/ml



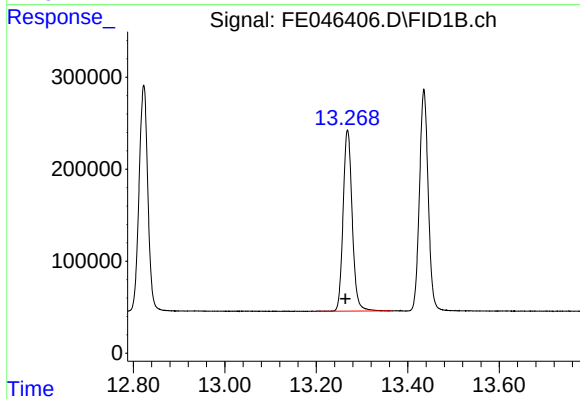
#10 n-Eicosane (C20)

R.T.: 12.823 min
Delta R.T.: 0.006 min
Response: 3269096
Conc: 19.25 ug/ml



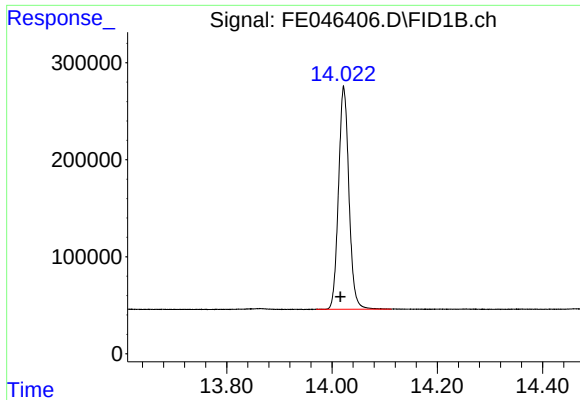
#11 n-Heneicosane (C21)

R.T.: 13.435 min
Delta R.T.: 0.006 min
Response: 3189180
Conc: 19.12 ug/ml



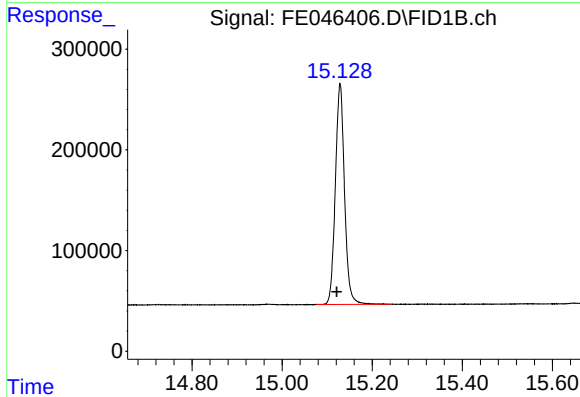
#12 1-chlorooctadecane (SURR)

R.T.: 13.268 min
Delta R.T.: 0.005 min
Response: 2715427
Conc: 19.09 ug/ml



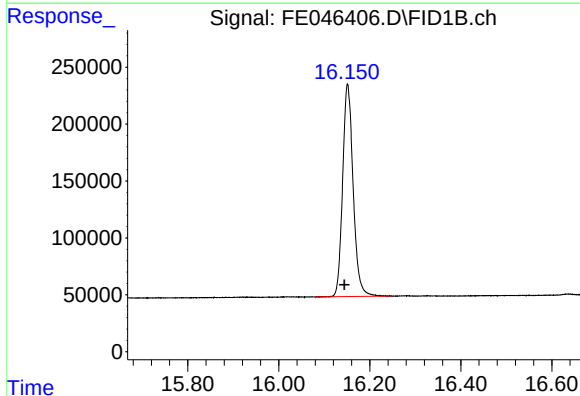
#13 n-Docosane (C22)

R.T.: 14.022 min
Delta R.T.: 0.006 min
Response: 3152245
Conc: 19.03 ug/ml



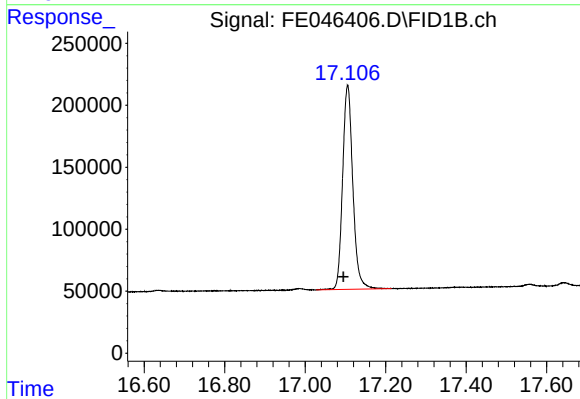
#14 n-Tetracosane (C24)

R.T.: 15.129 min
Delta R.T.: 0.008 min
Response: 3100852
Conc: 18.79 ug/ml



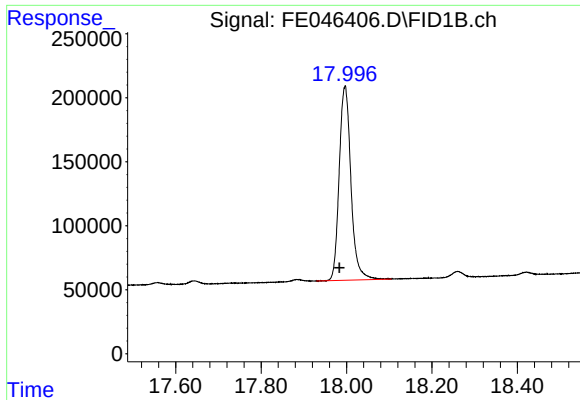
#15 n-Hexacosane (C26)

R.T.: 16.151 min
Delta R.T.: 0.007 min
Response: 2997958
Conc: 18.57 ug/ml



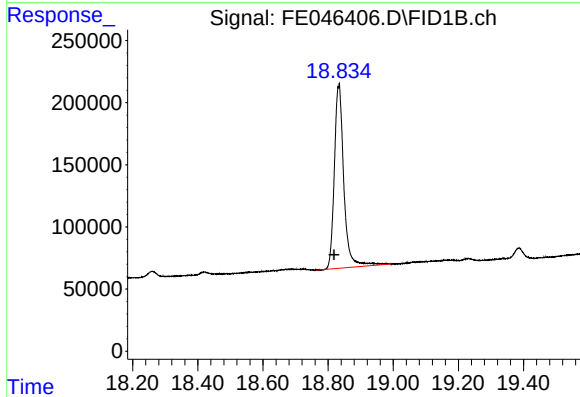
#16 n-Octacosane (C28)

R.T.: 17.106 min
Delta R.T.: 0.011 min
Response: 2906882
Conc: 18.52 ug/ml



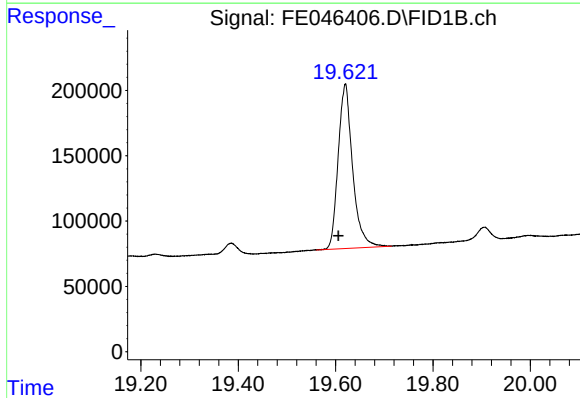
#17 n-Tricontane (C30)

R.T.: 17.997 min
Delta R.T.: 0.013 min
Response: 2895210
Conc: 18.48 ug/ml



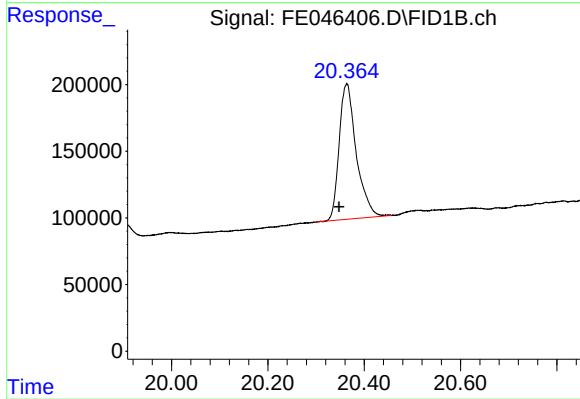
#18 n-Dotriacontane (C32)

R.T.: 18.833 min
Delta R.T.: 0.014 min
Response: 2984207
Conc: 19.74 ug/ml



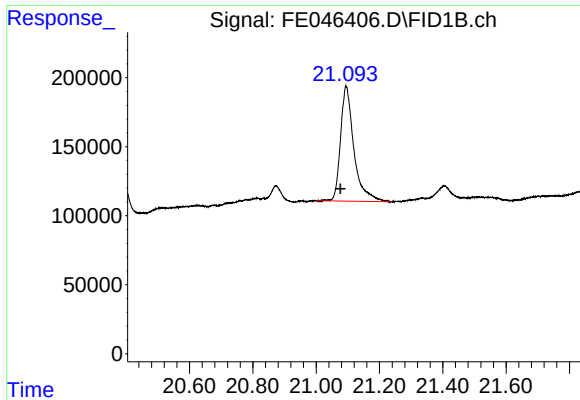
#19 n-Tetratriacontane (C34)

R.T.: 19.620 min
Delta R.T.: 0.014 min
Response: 2586631
Conc: 18.24 ug/ml



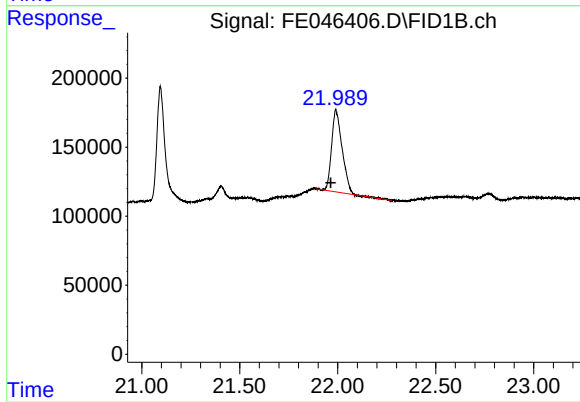
#20 n-Hexatriacontane (C36)

R.T.: 20.364 min
Delta R.T.: 0.016 min
Response: 2514474
Conc: 18.24 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.095 min
Delta R.T.: 0.018 min
Response: 2437842
Conc: 19.02 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.990 min
Delta R.T.: 0.025 min
Response: 2222863
Conc: 17.78 ug/ml