

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE031723AL\
 Data File : FE040866.D
 Signal(s) : FID1B.ch
 Acq On : 17 Mar 2023 14:07
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Mar 18 00:31:54 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)	11.873	3943504	21.109 ug/ml
Spiked Amount 50.000		Recovery =	42.22%
12) S 1-chlorooctadecane (S...	13.312	3041227	20.548 ug/ml
Spiked Amount 50.000		Recovery =	41.10%
Target Compounds			
1) T n-Nonane (C9)	3.267	3555199	23.105 ug/ml
2) T n-Decane (C10)	4.516	3507722	23.315 ug/ml
3) T A~Naphthalene (C11.7)	6.219	3853189	23.230 ug/ml
4) T n-Dodecane (C12)	6.681	3564899	23.287 ug/ml
5) T A~2-methylnaphthalene...	7.314	3522379	23.274 ug/ml
6) T n-Tetradecane (C14)	8.508	3582590	23.180 ug/ml
7) T n-Hexadecane (C16)	10.115	3668993	22.715 ug/ml
8) T n-Octadecane (C18)	11.558	3721779	21.919 ug/ml
10) T n-Eicosane (C20)	12.867	3580469	21.165 ug/ml
11) T n-Heneicosane (C21)	13.480	3564854	20.803 ug/ml
13) T n-Docosane (C22)	14.066	3492718	20.388 ug/ml
14) T n-Tetracosane (C24)	15.171	3409476	19.777 ug/ml
15) T n-Hexacosane (C26)	16.192	3253055	19.140 ug/ml
16) T n-Octacosane (C28)	17.144	3167152	18.885 ug/ml
17) T n-Tricontane (C30)	18.033	3130276	19.171 ug/ml
18) T n-Dotriacontane (C32)	18.866	3141498	18.355 ug/ml
19) T n-Tetratriacontane (C34)	19.651	3115696	20.152 ug/ml
20) T n-Hexatriacontane (C36)	20.392	2944647	20.269 ug/ml
21) T n-Octatriacontane (C38)	21.123	2967107	21.586 ug/ml
22) T n-Tetracontane (C40)	22.016	3267519	21.146 ug/ml

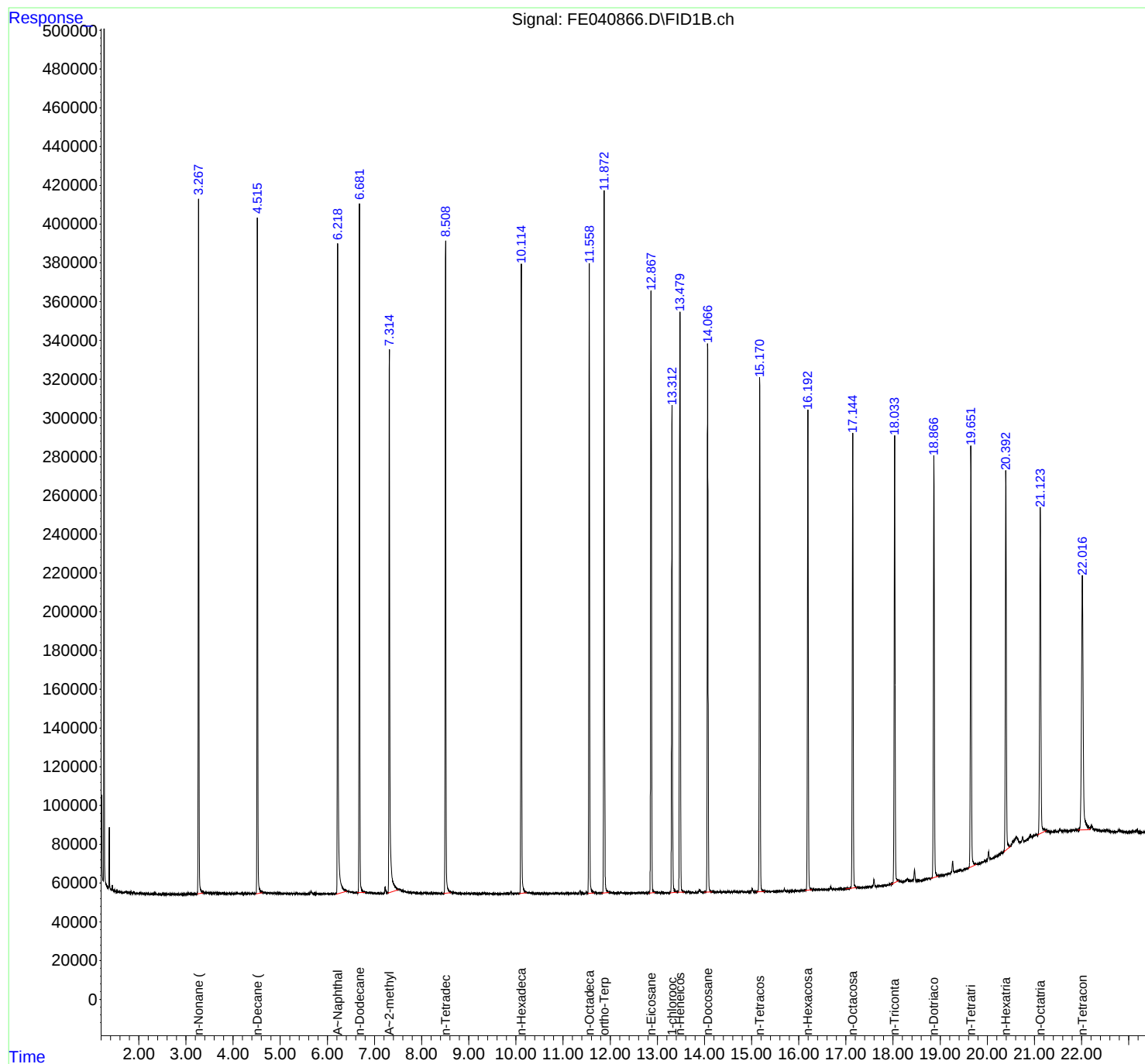
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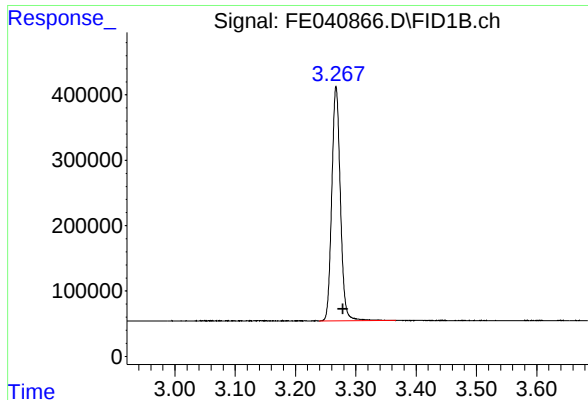
(m)=manual int.

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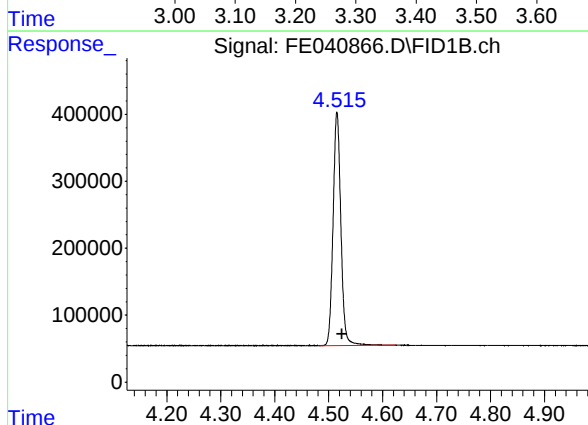
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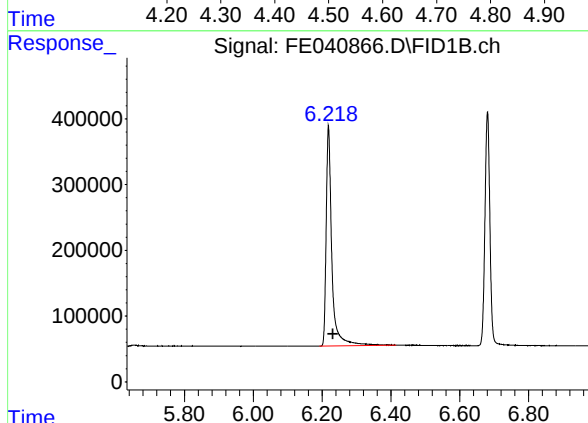
#1 n-Nonane (C9)

R.T.: 3.267 min
Delta R.T.: -0.012 min
Response: 3555199
Conc: 23.10 ug/ml



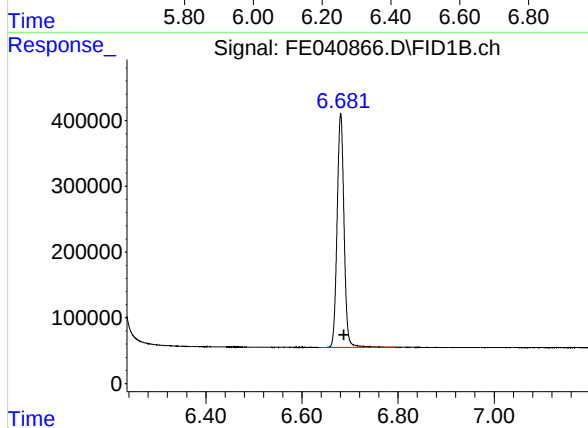
#2 n-Decane (C10)

R.T.: 4.516 min
Delta R.T.: -0.010 min
Response: 3507722
Conc: 23.32 ug/ml



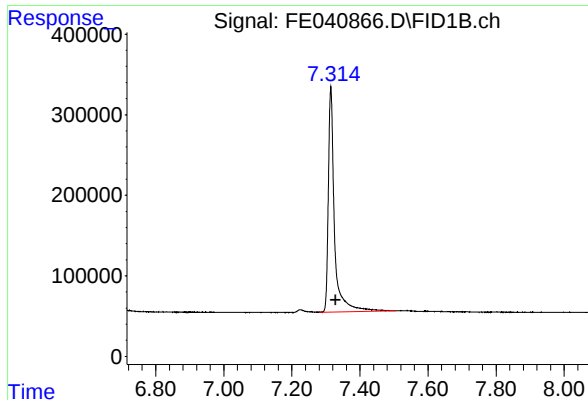
#3 A~Naphthalene (C11.7)

R.T.: 6.219 min
Delta R.T.: -0.013 min
Response: 3853189
Conc: 23.23 ug/ml



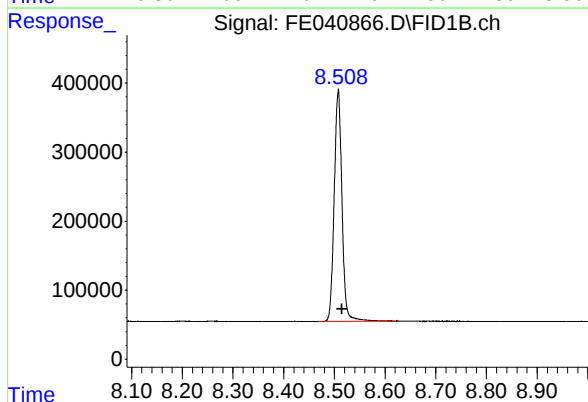
#4 n-Dodecane (C12)

R.T.: 6.681 min
Delta R.T.: -0.007 min
Response: 3564899
Conc: 23.29 ug/ml



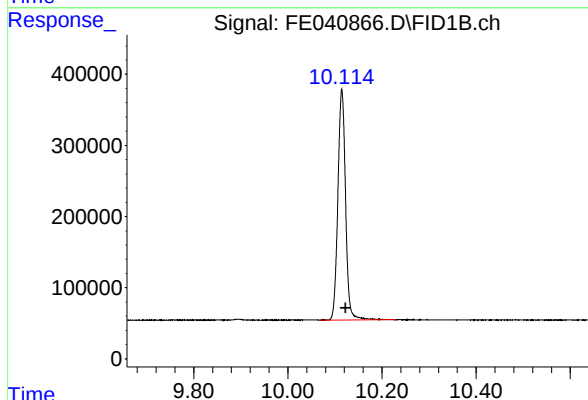
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.314 min
Delta R.T.: -0.014 min
Response: 3522379
Conc: 23.27 ug/ml



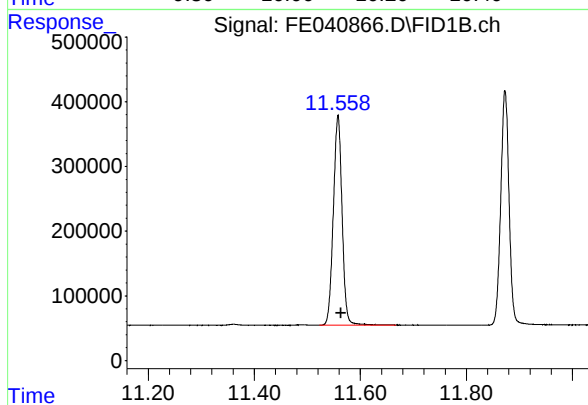
#6 n-Tetradecane (C14)

R.T.: 8.508 min
Delta R.T.: -0.008 min
Response: 3582590
Conc: 23.18 ug/ml



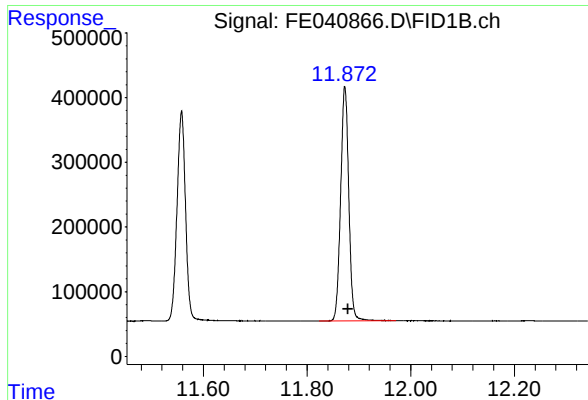
#7 n-Hexadecane (C16)

R.T.: 10.115 min
Delta R.T.: -0.008 min
Response: 3668993
Conc: 22.72 ug/ml



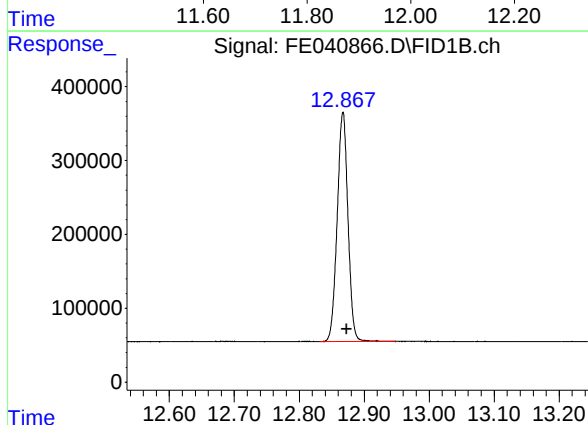
#8 n-Octadecane (C18)

R.T.: 11.558 min
Delta R.T.: -0.005 min
Response: 3721779
Conc: 21.92 ug/ml



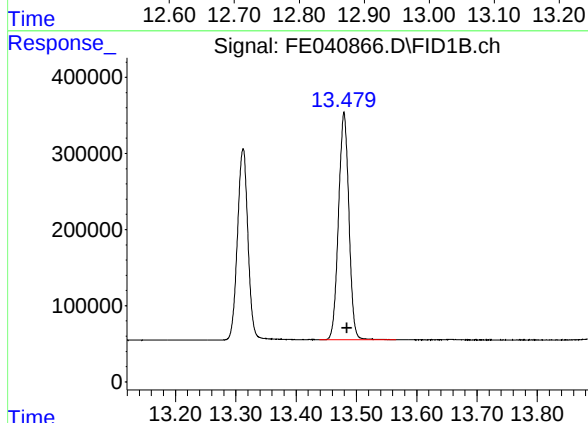
#9 ortho-Terphenyl (SURR)

R.T.: 11.873 min
Delta R.T.: -0.006 min
Response: 3943504
Conc: 21.11 ug/ml



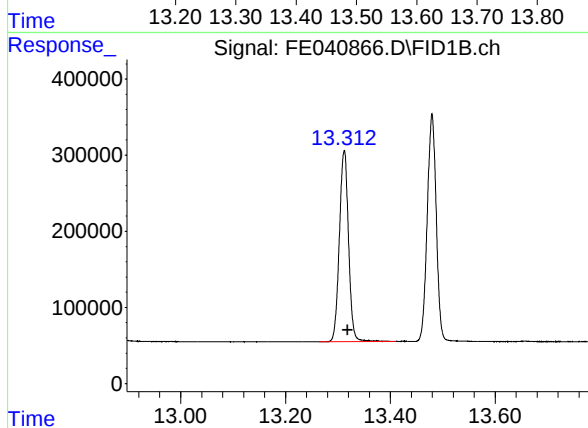
#10 n-Eicosane (C20)

R.T.: 12.867 min
Delta R.T.: -0.005 min
Response: 3580469
Conc: 21.17 ug/ml



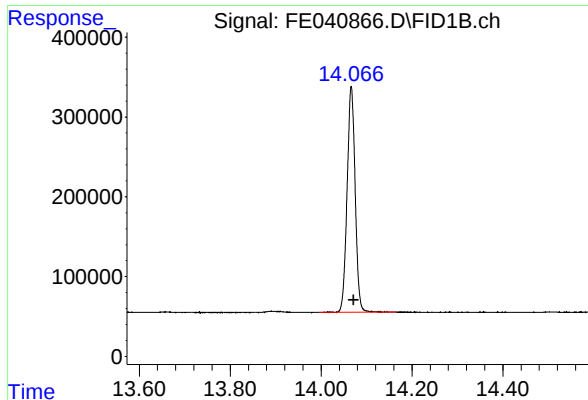
#11 n-Heneicosane (C21)

R.T.: 13.480 min
Delta R.T.: -0.005 min
Response: 3564854
Conc: 20.80 ug/ml



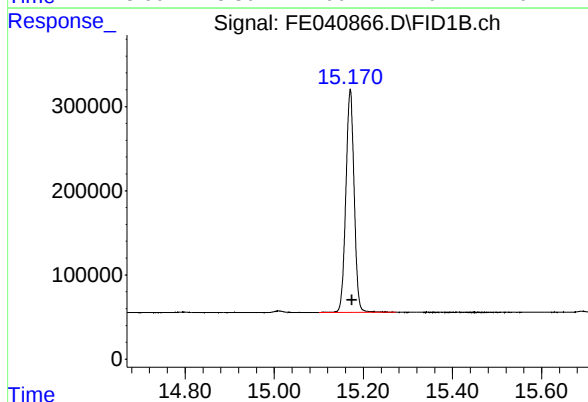
#12 1-chlorooctadecane (SURR)

R.T.: 13.312 min
Delta R.T.: -0.006 min
Response: 3041227
Conc: 20.55 ug/ml



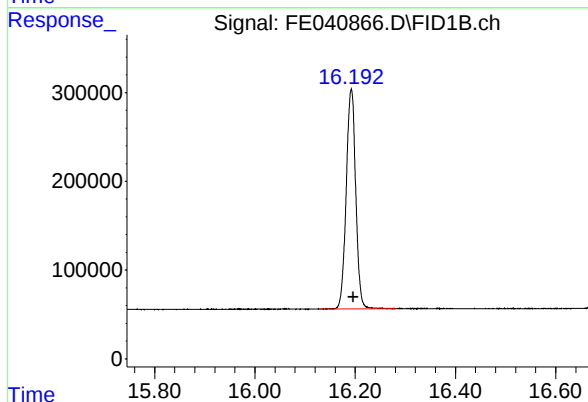
#13 n-Docosane (C22)

R.T.: 14.066 min
Delta R.T.: -0.005 min
Response: 3492718
Conc: 20.39 ug/ml



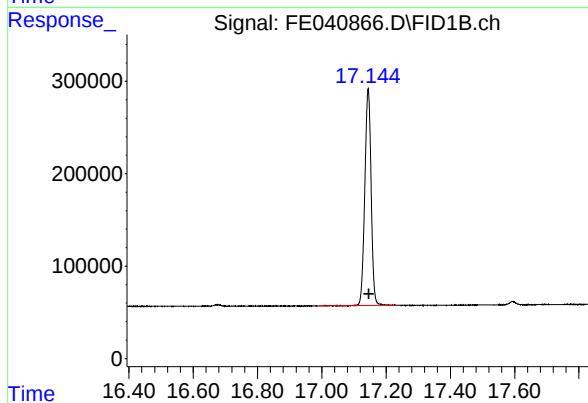
#14 n-Tetracosane (C24)

R.T.: 15.171 min
Delta R.T.: -0.004 min
Response: 3409476
Conc: 19.78 ug/ml



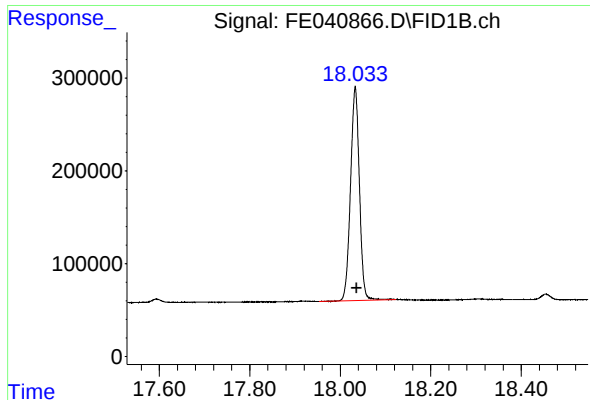
#15 n-Hexacosane (C26)

R.T.: 16.192 min
Delta R.T.: -0.004 min
Response: 3253055
Conc: 19.14 ug/ml



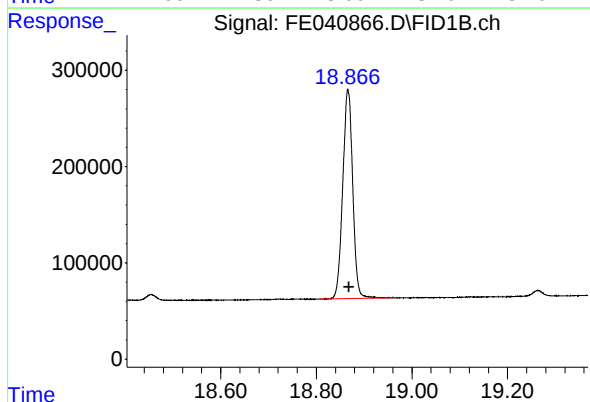
#16 n-Octacosane (C28)

R.T.: 17.144 min
Delta R.T.: -0.003 min
Response: 3167152
Conc: 18.89 ug/ml



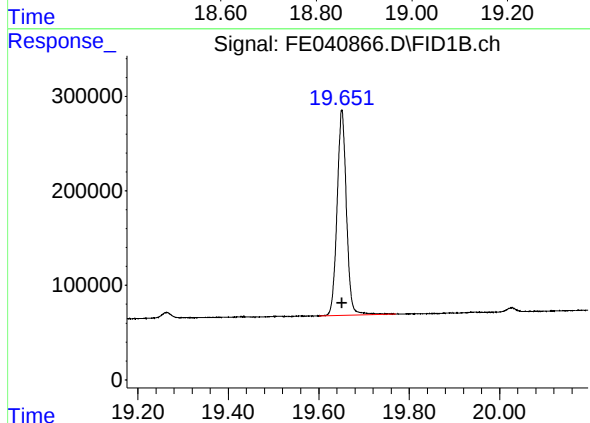
#17 n-Tricontane (C30)

R.T.: 18.033 min
Delta R.T.: -0.003 min
Response: 3130276
Conc: 19.17 ug/ml



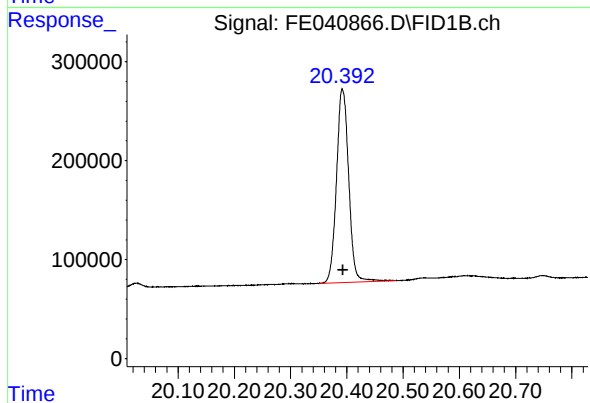
#18 n-Dotriacontane (C32)

R.T.: 18.866 min
Delta R.T.: -0.002 min
Response: 3141498
Conc: 18.36 ug/ml



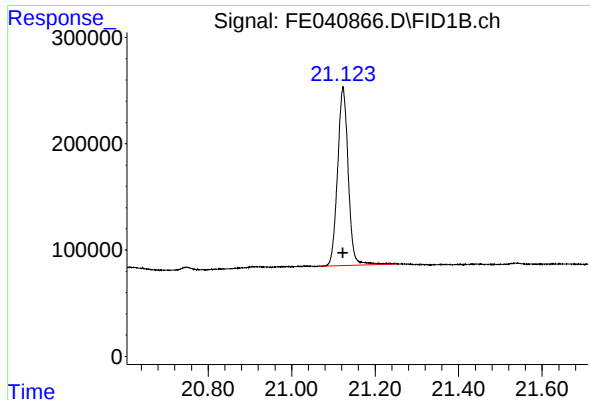
#19 n-Tetratriacontane (C34)

R.T.: 19.651 min
Delta R.T.: 0.000 min
Response: 3115696
Conc: 20.15 ug/ml



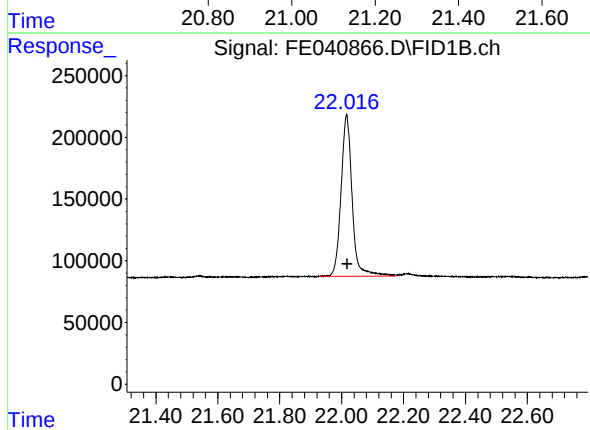
#20 n-Hexatriacontane (C36)

R.T.: 20.392 min
Delta R.T.: -0.001 min
Response: 2944647
Conc: 20.27 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.123 min
Delta R.T.: 0.000 min
Response: 2967107
Conc: 21.59 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.016 min
Delta R.T.: -0.002 min
Response: 3267519
Conc: 21.15 ug/ml