

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE063022AL\
 Data File : FE036309.D
 Signal(s) : FID1B.ch
 Acq On : 30 Jun 2022 14:44
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jul 01 02:57:02 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062022.M
 Quant Title : GC Extractables
 QLast Update : Tue Jun 21 03:08:45 2022
 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)	11.870	3718200	18.610 ug/ml
Spiked Amount 50.000		Recovery =	37.22%
12) S 1-chlorooctadecane (S...	13.308	2891294	18.675 ug/ml
Spiked Amount 50.000		Recovery =	37.35%
Target Compounds			
1) T n-Nonane (C9)	3.262	3347893	18.614 ug/ml
2) T n-Decane (C10)	4.516	3441854	19.147 ug/ml
3) T A~Naphthalene (C11.7)	6.218	3830991	19.094 ug/ml
4) T n-Dodecane (C12)	6.684	3532937	19.074 ug/ml
5) T A~2-methylnaphthalene...	7.313	3866600	18.994 ug/ml
6) T n-Tetradecane (C14)	8.510	3564893	19.068 ug/ml
7) T n-Hexadecane (C16)	10.115	3544948	18.929 ug/ml
8) T n-Octadecane (C18)	11.556	3523892	18.941 ug/ml
10) T n-Eicosane (C20)	12.865	3421144	18.884 ug/ml
11) T n-Heneicosane (C21)	13.476	3367912	18.749 ug/ml
13) T n-Docosane (C22)	14.061	3378070	19.107 ug/ml
14) T n-Tetracosane (C24)	15.163	3414492	19.936 ug/ml
15) T n-Hexacosane (C26)	16.185	3423383	20.720 ug/ml
16) T n-Octacosane (C28)	17.134	3471451	21.686 ug/ml
17) T n-Tricontane (C30)	18.021	3527237	22.783 ug/ml
18) T n-Dotriacontane (C32)	18.853	3426339	23.446 ug/ml
19) T n-Tetratriacontane (C34)	19.636	3152804	22.783 ug/ml
20) T n-Hexatriacontane (C36)	20.376	2871807	21.392 ug/ml
21) T n-Octatriacontane (C38)	21.105	3168360	23.824 ug/ml
22) T n-Tetracontane (C40)	21.997	2922778	20.903 ug/ml

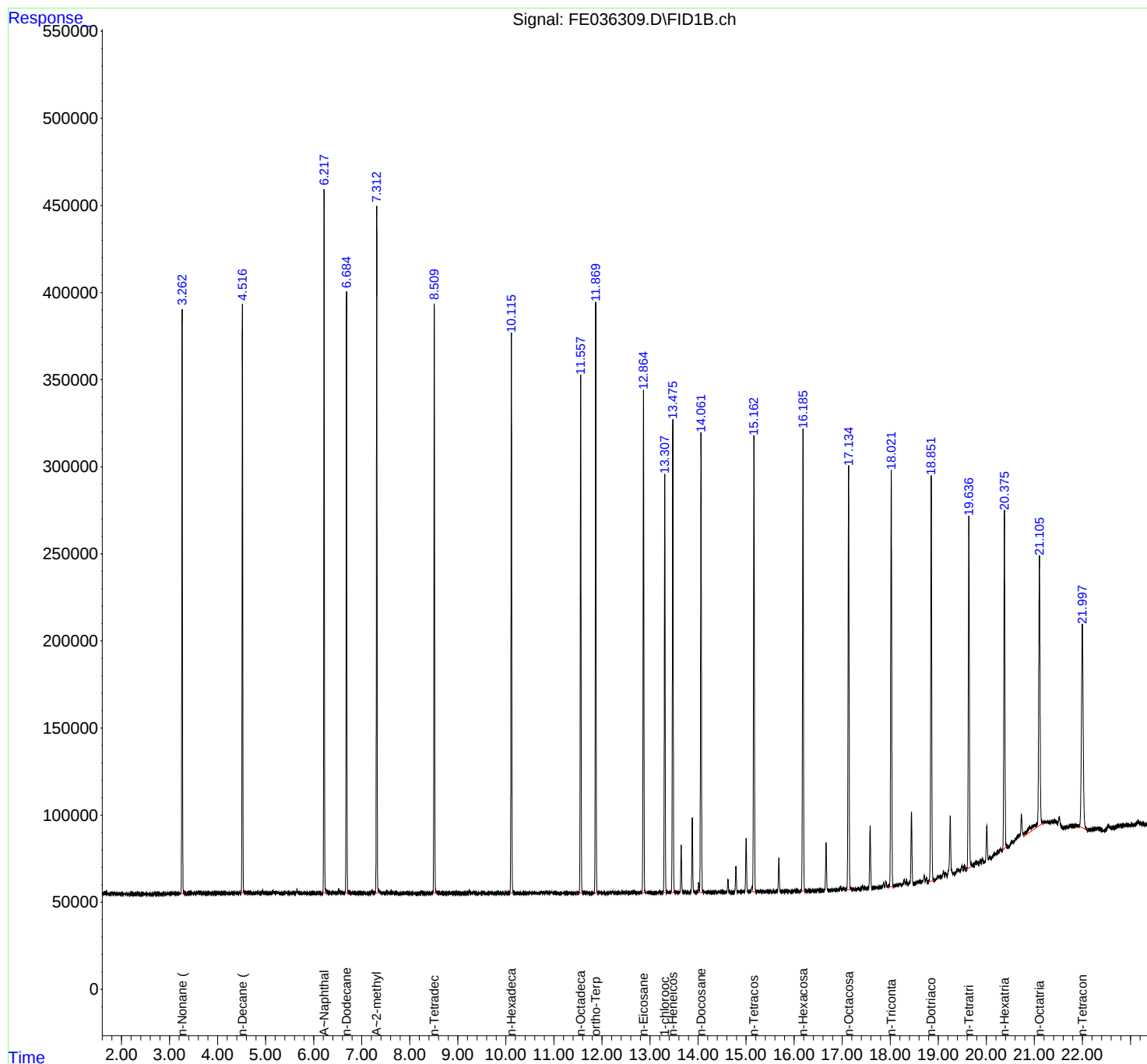
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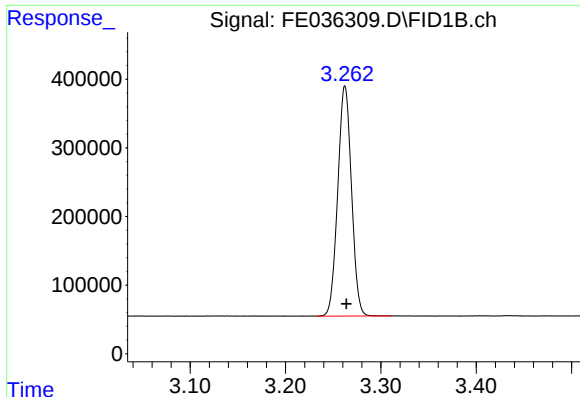
(m)=manual int.

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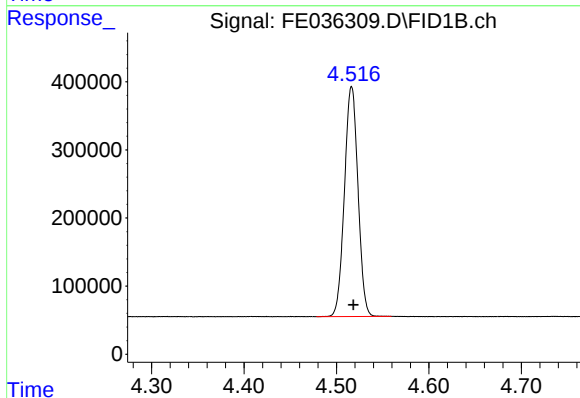
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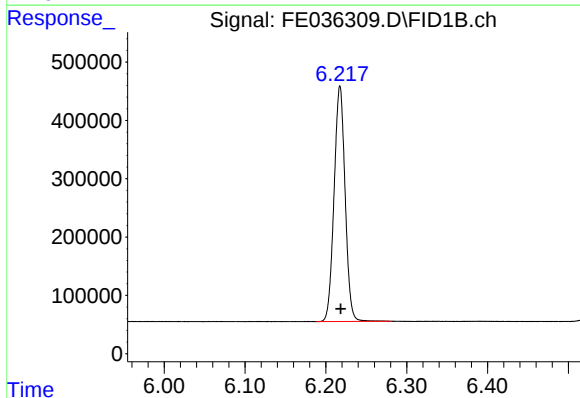
#1 n-Nonane (C9)

R.T.: 3.262 min
Delta R.T.: -0.002 min
Response: 3347893
Conc: 18.61 ug/ml



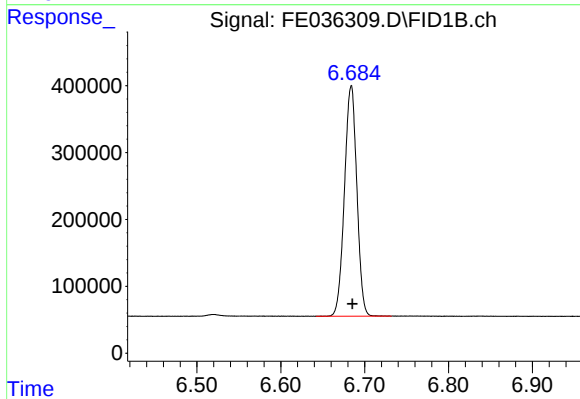
#2 n-Decane (C10)

R.T.: 4.516 min
Delta R.T.: -0.002 min
Response: 3441854
Conc: 19.15 ug/ml



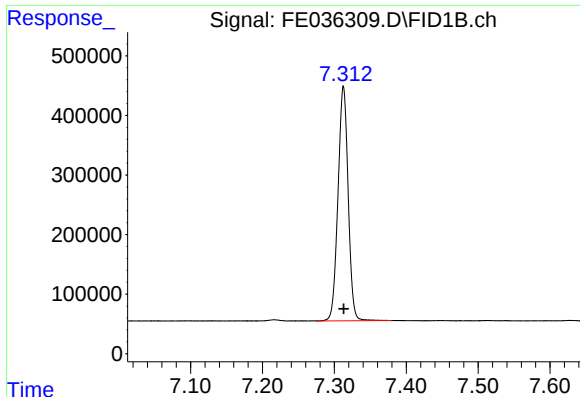
#3 A~Naphthalene (C11.7)

R.T.: 6.218 min
Delta R.T.: 0.000 min
Response: 3830991
Conc: 19.09 ug/ml



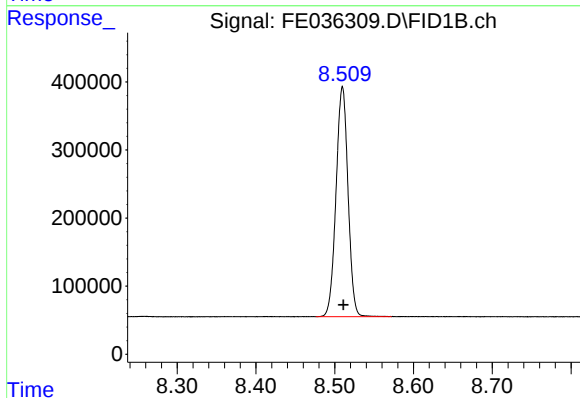
#4 n-Dodecane (C12)

R.T.: 6.684 min
Delta R.T.: -0.001 min
Response: 3532937
Conc: 19.07 ug/ml



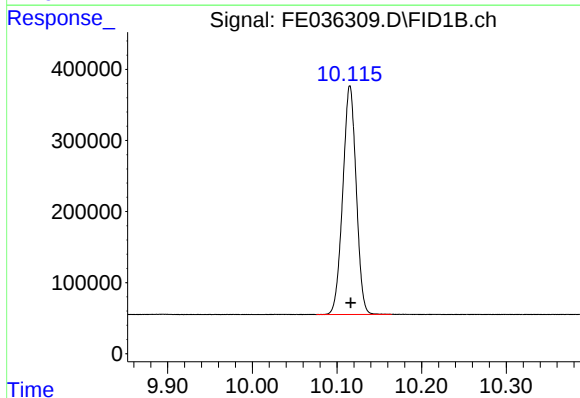
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.313 min
Delta R.T.: 0.000 min
Response: 3866600
Conc: 18.99 ug/ml



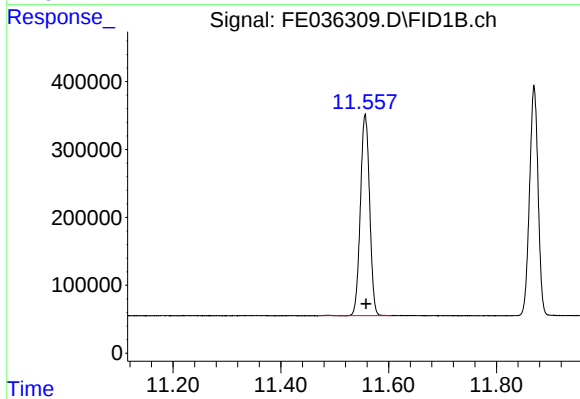
#6 n-Tetradecane (C14)

R.T.: 8.510 min
Delta R.T.: -0.001 min
Response: 3564893
Conc: 19.07 ug/ml



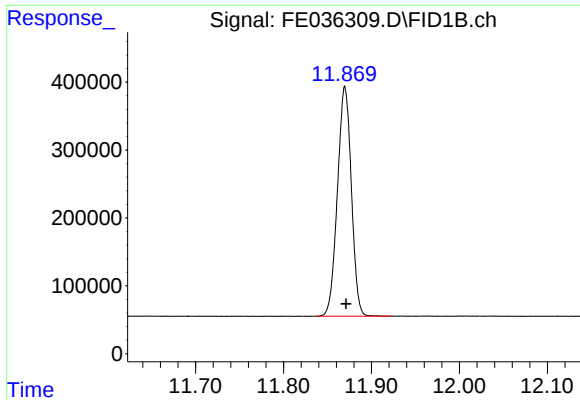
#7 n-Hexadecane (C16)

R.T.: 10.115 min
Delta R.T.: -0.001 min
Response: 3544948
Conc: 18.93 ug/ml



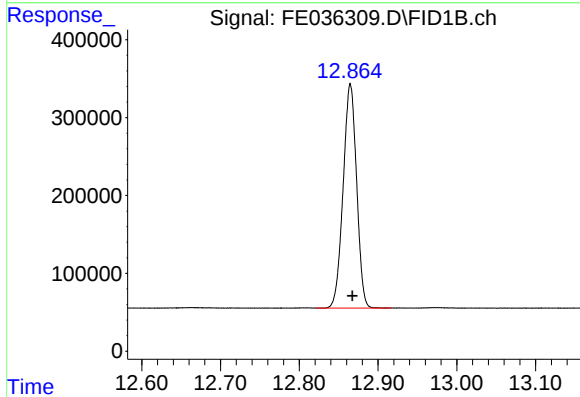
#8 n-Octadecane (C18)

R.T.: 11.556 min
Delta R.T.: -0.002 min
Response: 3523892
Conc: 18.94 ug/ml



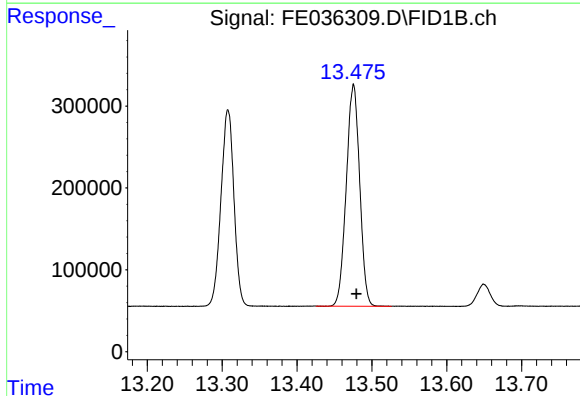
#9 ortho-Terphenyl (SURR)

R.T.: 11.870 min
Delta R.T.: -0.001 min
Response: 3718200
Conc: 18.61 ug/ml



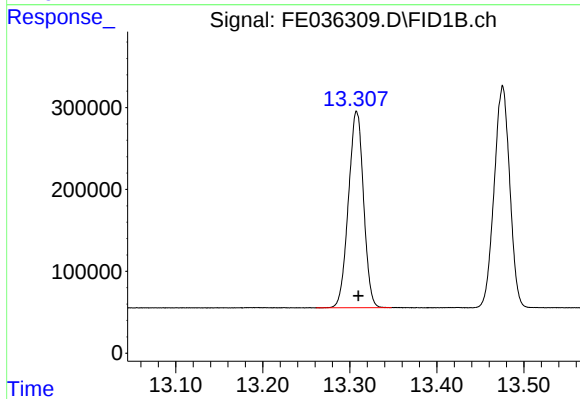
#10 n-Eicosane (C20)

R.T.: 12.865 min
Delta R.T.: -0.002 min
Response: 3421144
Conc: 18.88 ug/ml



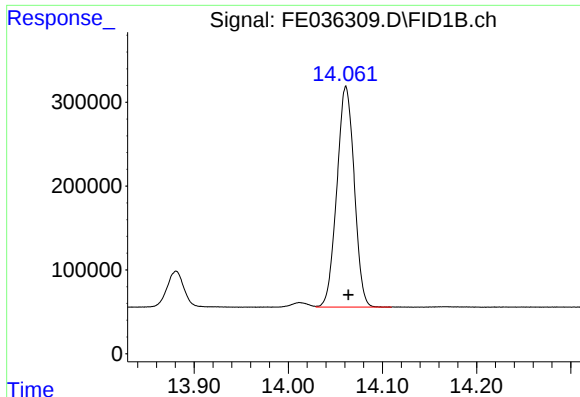
#11 n-Heneicosane (C21)

R.T.: 13.476 min
Delta R.T.: -0.004 min
Response: 3367912
Conc: 18.75 ug/ml



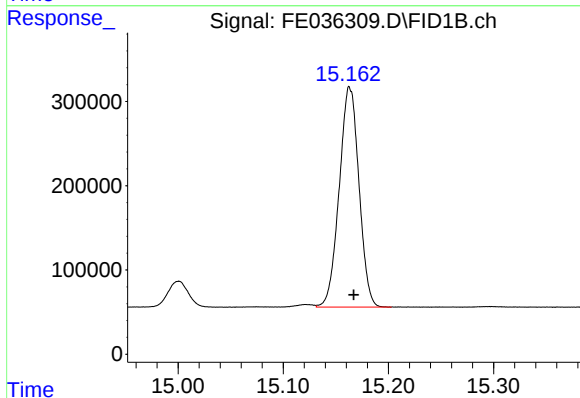
#12 1-chlorooctadecane (SURR)

R.T.: 13.308 min
Delta R.T.: -0.002 min
Response: 2891294
Conc: 18.68 ug/ml



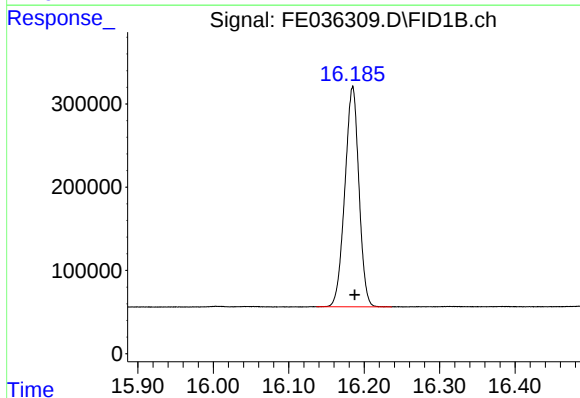
#13 n-Docosane (C22)

R.T.: 14.061 min
Delta R.T.: -0.003 min
Response: 3378070
Conc: 19.11 ug/ml



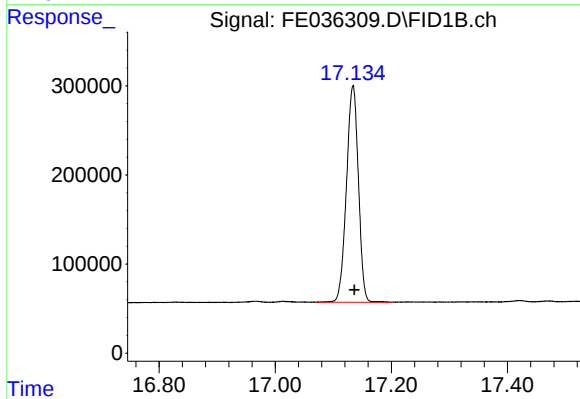
#14 n-Tetracosane (C24)

R.T.: 15.163 min
Delta R.T.: -0.004 min
Response: 3414492
Conc: 19.94 ug/ml



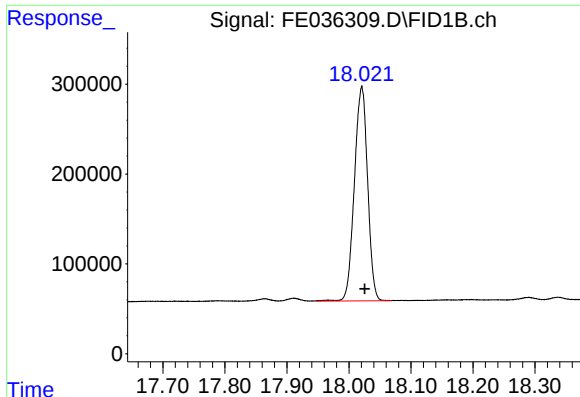
#15 n-Hexacosane (C26)

R.T.: 16.185 min
Delta R.T.: -0.003 min
Response: 3423383
Conc: 20.72 ug/ml



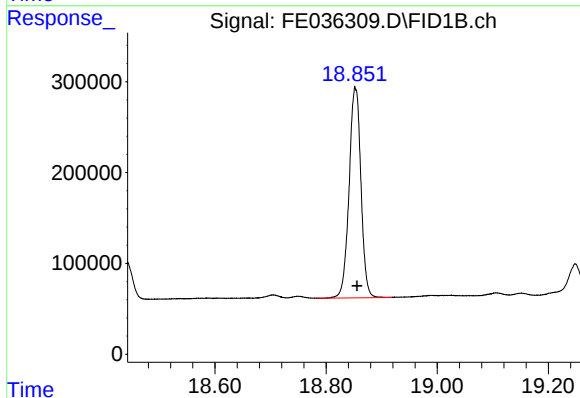
#16 n-Octacosane (C28)

R.T.: 17.134 min
Delta R.T.: -0.003 min
Response: 3471451
Conc: 21.69 ug/ml



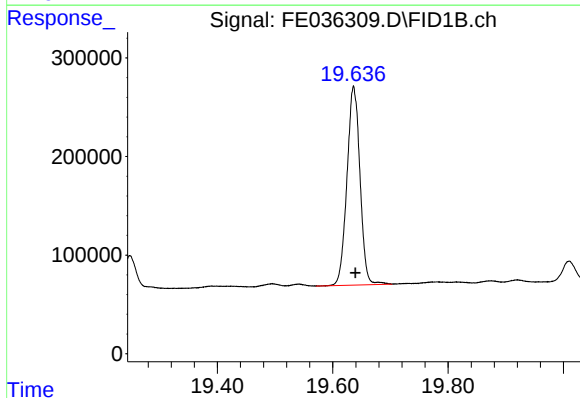
#17 n-Tricontane (C30)

R.T.: 18.021 min
Delta R.T.: -0.005 min
Response: 3527237
Conc: 22.78 ug/ml



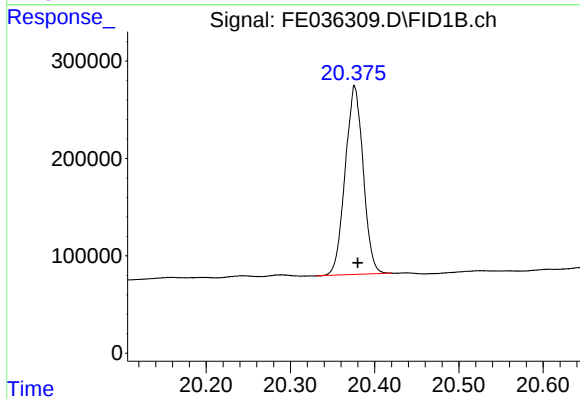
#18 n-Dotriacontane (C32)

R.T.: 18.853 min
Delta R.T.: -0.003 min
Response: 3426339
Conc: 23.45 ug/ml



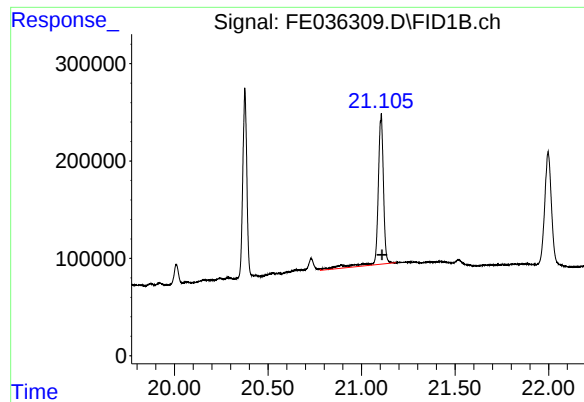
#19 n-Tetratriacontane (C34)

R.T.: 19.636 min
Delta R.T.: -0.004 min
Response: 3152804
Conc: 22.78 ug/ml



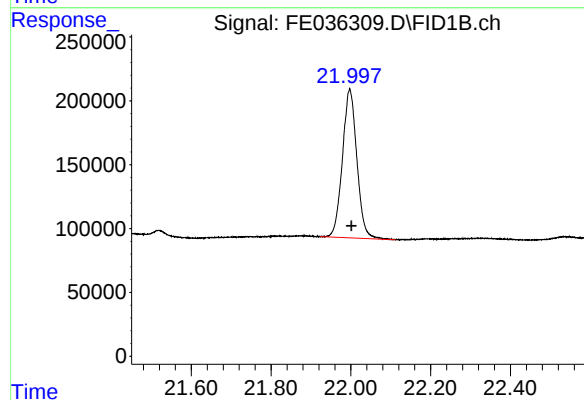
#20 n-Hexatriacontane (C36)

R.T.: 20.376 min
Delta R.T.: -0.004 min
Response: 2871807
Conc: 21.39 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.105 min
Delta R.T.: -0.004 min
Response: 3168360
Conc: 23.82 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.997 min
Delta R.T.: -0.004 min
Response: 2922778
Conc: 20.90 ug/ml