

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE030524AL\
 Data File : FE047082.D
 Signal(s) : FID1B.ch
 Acq On : 05 Mar 2024 08:28
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Mar 06 00:23:34 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 022024.M
 Quant Title : GC Extractables
 QLast Update : Tue Feb 20 11:04:00 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)	11.781	3162325	19.247 ug/ml
Spiked Amount 50.000		Recovery =	38.49%
12) S 1-chlorooctadecane (S...	13.223	2376992	19.310 ug/ml
Spiked Amount 50.000		Recovery =	38.62%
Target Compounds			
1) T n-Nonane (C9)	3.175	2815747	18.465 ug/ml
2) T n-Decane (C10)	4.425	2975285	19.210 ug/ml
3) T A~Naphthalene (C11.7)	6.132	2904057	18.438 ug/ml
4) T n-Dodecane (C12)	6.593	3011634	19.369 ug/ml
5) T A~2-methylnaphthalene...	7.229	2621283	18.280 ug/ml
6) T n-Tetradecane (C14)	8.418	2997372	19.438 ug/ml
7) T n-Hexadecane (C16)	10.026	3090074	19.475 ug/ml
8) T n-Octadecane (C18)	11.468	3140037	19.697 ug/ml
10) T n-Eicosane (C20)	12.777	2949928	19.489 ug/ml
11) T n-Heneicosane (C21)	13.389	2864553	19.344 ug/ml
13) T n-Docosane (C22)	13.975	2846121	19.562 ug/ml
14) T n-Tetracosane (C24)	15.078	2797936	19.591 ug/ml
15) T n-Hexacosane (C26)	16.098	2750853	19.685 ug/ml
16) T n-Octacosane (C28)	17.048	2735622	20.080 ug/mlm
17) T n-Tricontane (C30)	17.936	2919307	20.924 ug/ml
18) T n-Dotriacontane (C32)	18.770	2924331	21.252 ug/ml
19) T n-Tetratriacontane (C34)	19.553	2814266	20.950 ug/ml
20) T n-Hexatriacontane (C36)	20.294	2761174	20.735 ug/ml
21) T n-Octatriacontane (C38)	21.013	2807496	20.376 ug/ml
22) T n-Tetracontane (C40)	21.882	2832724	20.077 ug/ml

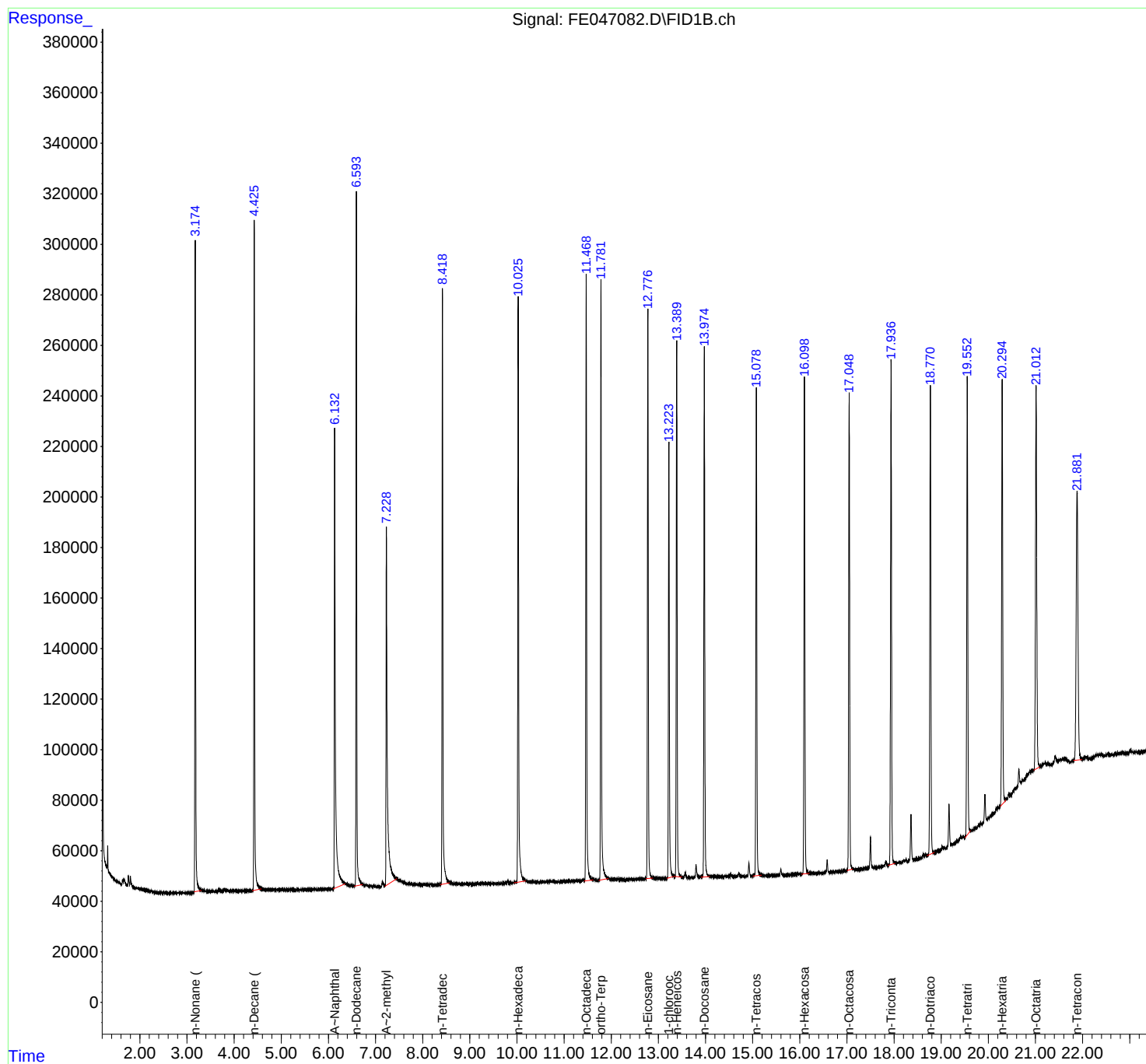
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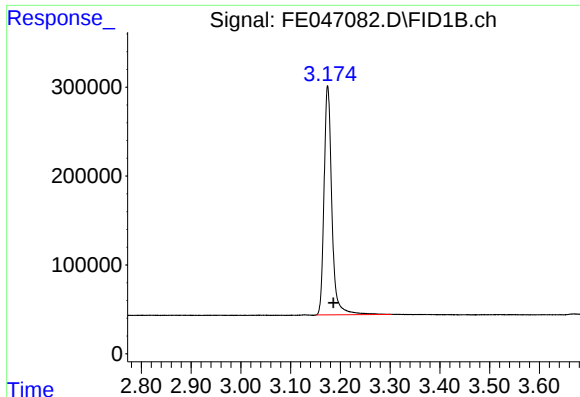
(m)=manual int.

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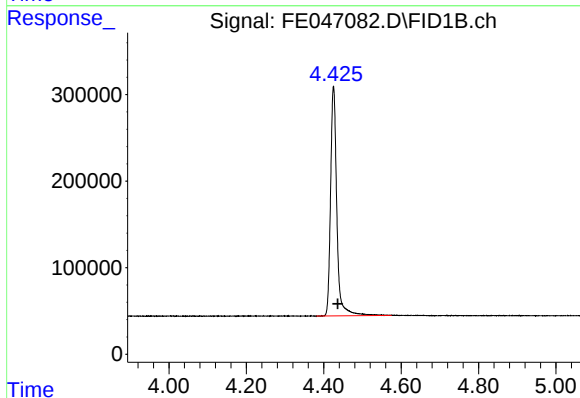
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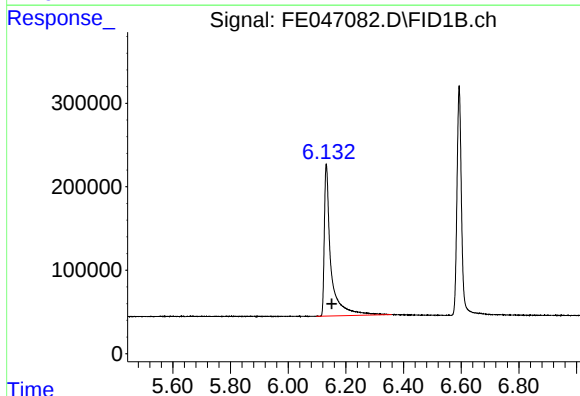
#1 n-Nonane (C9)

R.T.: 3.175 min
Delta R.T.: -0.011 min
Response: 2815747
Conc: 18.46 ug/ml



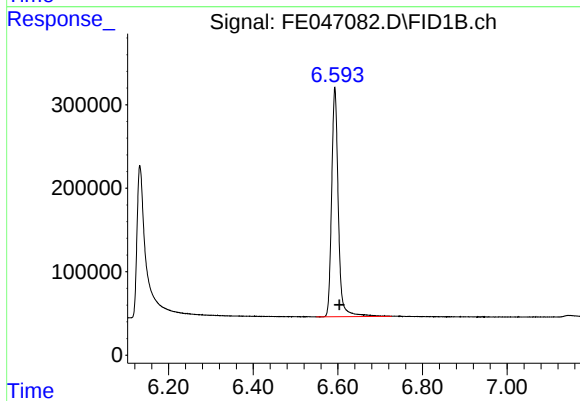
#2 n-Decane (C10)

R.T.: 4.425 min
Delta R.T.: -0.011 min
Response: 2975285
Conc: 19.21 ug/ml



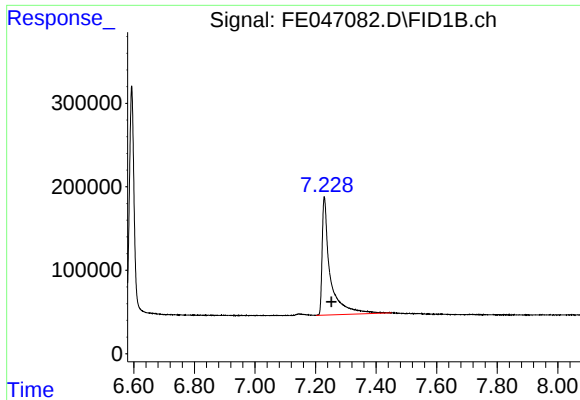
#3 A~Naphthalene (C11.7)

R.T.: 6.132 min
Delta R.T.: -0.019 min
Response: 2904057
Conc: 18.44 ug/ml



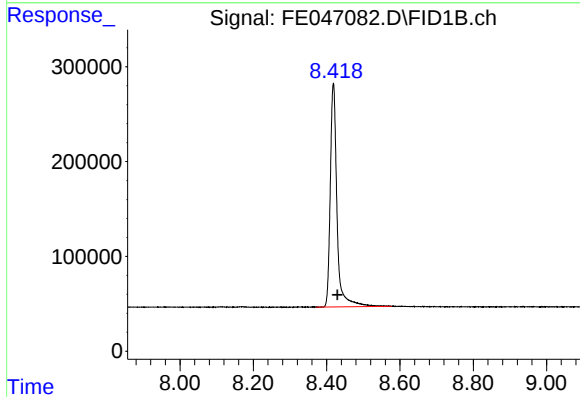
#4 n-Dodecane (C12)

R.T.: 6.593 min
Delta R.T.: -0.011 min
Response: 3011634
Conc: 19.37 ug/ml



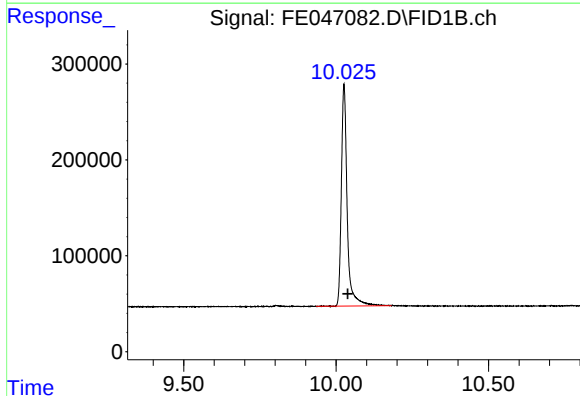
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.229 min
Delta R.T.: -0.023 min
Response: 2621283
Conc: 18.28 ug/ml



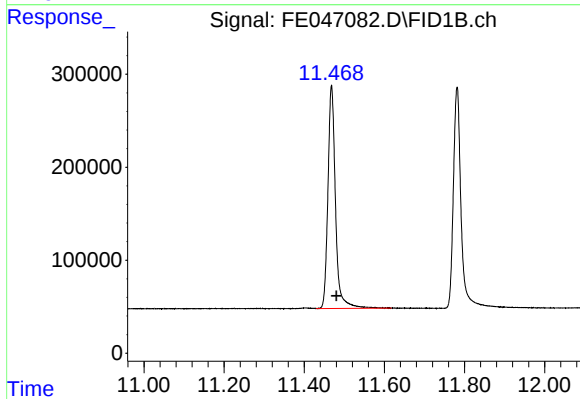
#6 n-Tetradecane (C14)

R.T.: 8.418 min
Delta R.T.: -0.011 min
Response: 2997372
Conc: 19.44 ug/ml



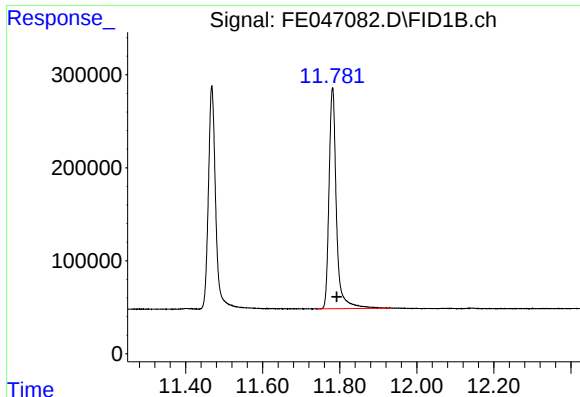
#7 n-Hexadecane (C16)

R.T.: 10.026 min
Delta R.T.: -0.013 min
Response: 3090074
Conc: 19.48 ug/ml



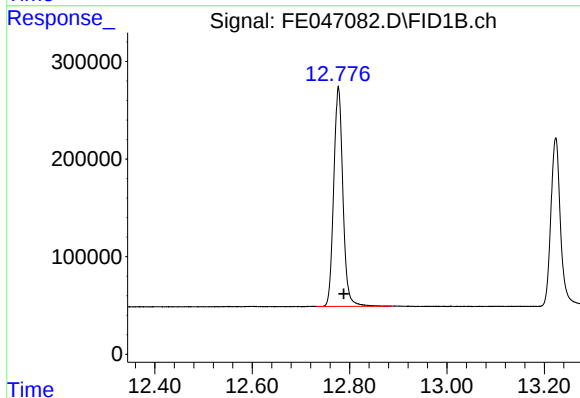
#8 n-Octadecane (C18)

R.T.: 11.468 min
Delta R.T.: -0.012 min
Response: 3140037
Conc: 19.70 ug/ml



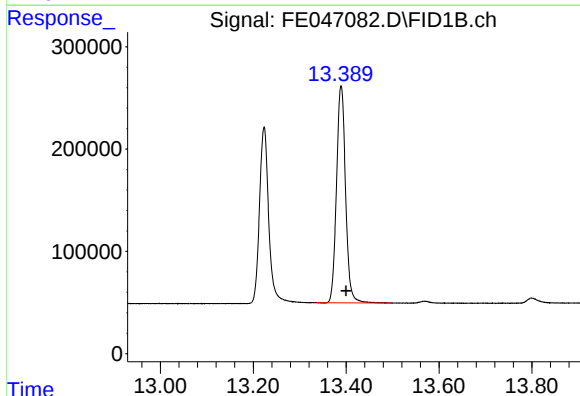
#9 ortho-Terphenyl (SURR)

R.T.: 11.781 min
Delta R.T.: -0.011 min
Response: 3162325
Conc: 19.25 ug/ml



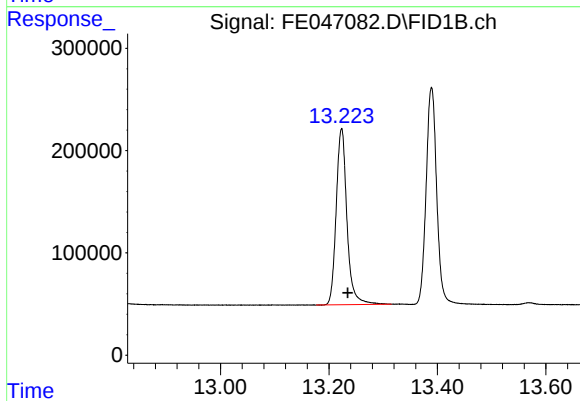
#10 n-Eicosane (C20)

R.T.: 12.777 min
Delta R.T.: -0.011 min
Response: 2949928
Conc: 19.49 ug/ml



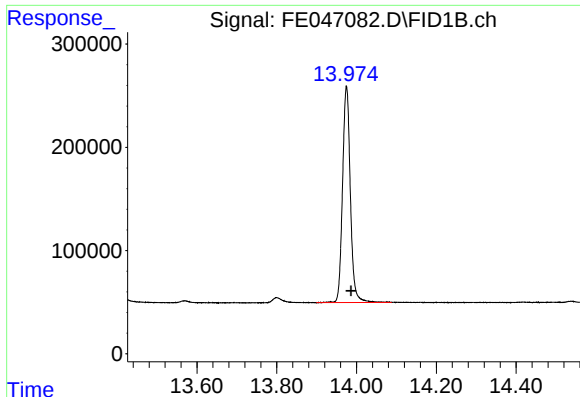
#11 n-Heneicosane (C21)

R.T.: 13.389 min
Delta R.T.: -0.010 min
Response: 2864553
Conc: 19.34 ug/ml



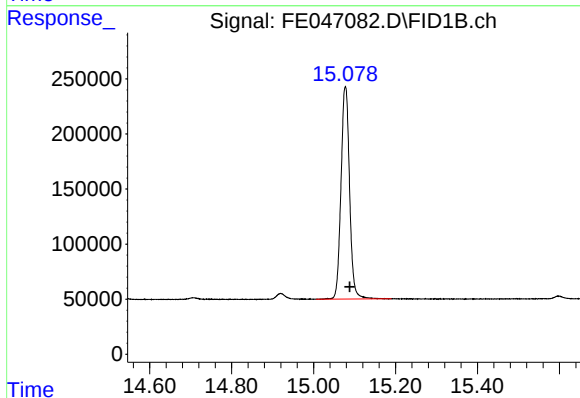
#12 1-chlorooctadecane (SURR)

R.T.: 13.223 min
Delta R.T.: -0.011 min
Response: 2376992
Conc: 19.31 ug/ml



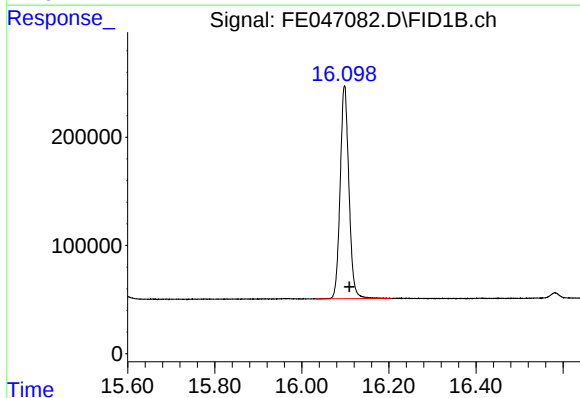
#13 n-Docosane (C22)

R.T.: 13.975 min
Delta R.T.: -0.011 min
Response: 2846121
Conc: 19.56 ug/ml



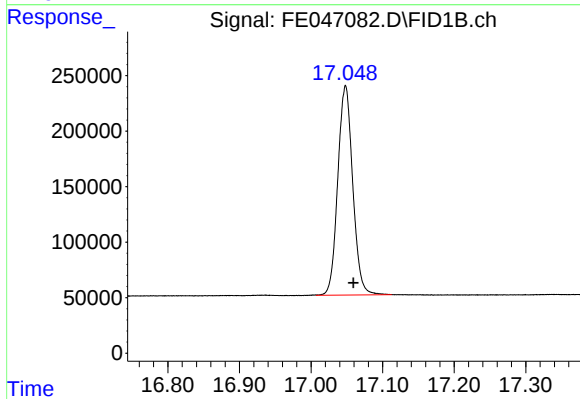
#14 n-Tetracosane (C24)

R.T.: 15.078 min
Delta R.T.: -0.011 min
Response: 2797936
Conc: 19.59 ug/ml



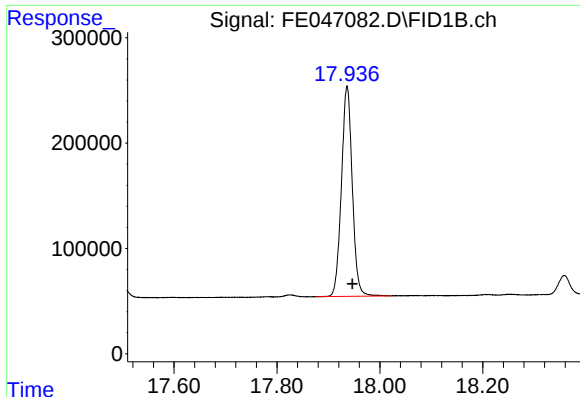
#15 n-Hexacosane (C26)

R.T.: 16.098 min
Delta R.T.: -0.011 min
Response: 2750853
Conc: 19.69 ug/ml



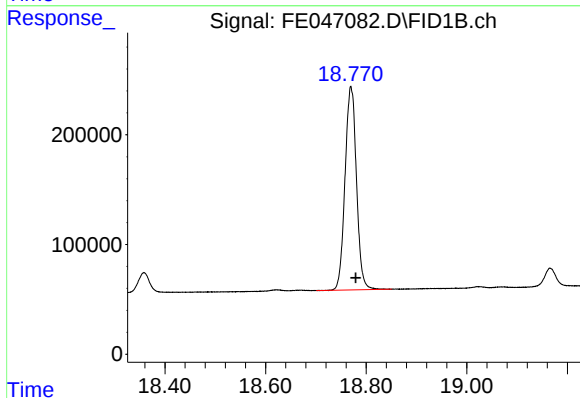
#16 n-Octacosane (C28)

R.T.: 17.048 min
Delta R.T.: -0.011 min
Response: 2735622
Conc: 20.08 ug/ml m



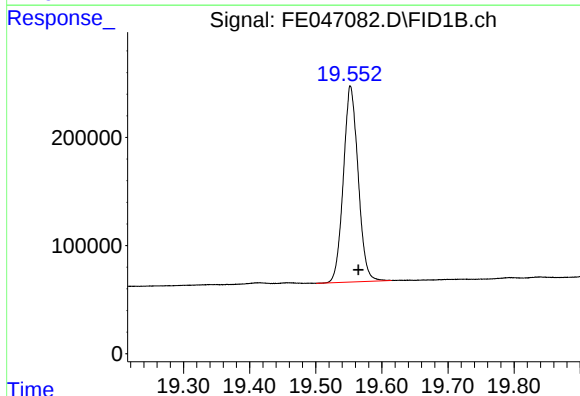
#17 n-Tricontane (C30)

R.T.: 17.936 min
Delta R.T.: -0.010 min
Response: 2919307
Conc: 20.92 ug/ml



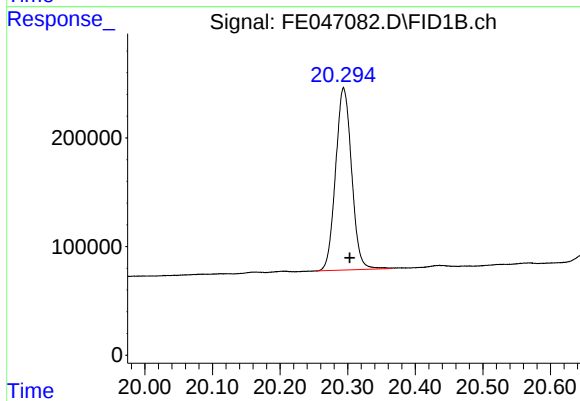
#18 n-Dotriacontane (C32)

R.T.: 18.770 min
Delta R.T.: -0.010 min
Response: 2924331
Conc: 21.25 ug/ml



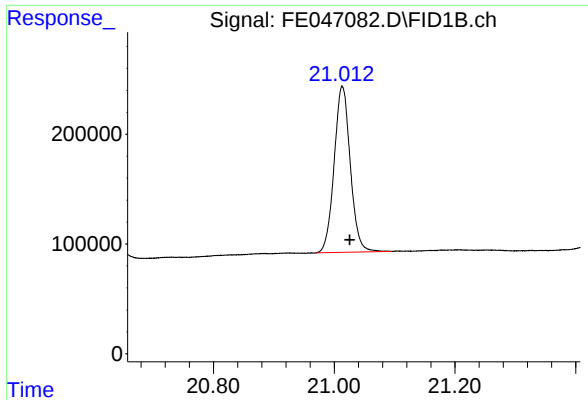
#19 n-Tetratriacontane (C34)

R.T.: 19.553 min
Delta R.T.: -0.012 min
Response: 2814266
Conc: 20.95 ug/ml



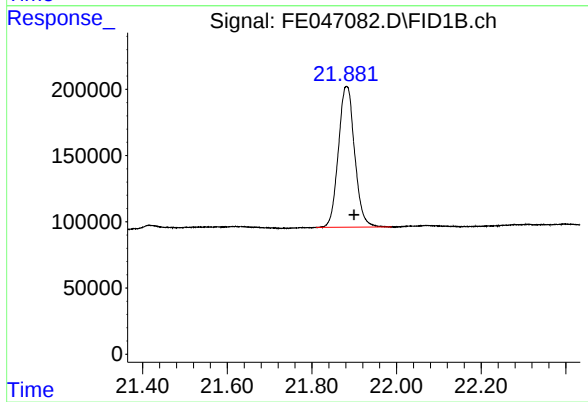
#20 n-Hexatriacontane (C36)

R.T.: 20.294 min
Delta R.T.: -0.009 min
Response: 2761174
Conc: 20.74 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.013 min
Delta R.T.: -0.012 min
Response: 2807496
Conc: 20.38 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.882 min
Delta R.T.: -0.018 min
Response: 2832724
Conc: 20.08 ug/ml