

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE030124AL\
 Data File : FE047031.D
 Signal(s) : FID1B.ch
 Acq On : 01 Mar 2024 10:48
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Mar 02 01:28:33 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)	11.783	3191003	19.422 ug/ml
Spiked Amount 50.000		Recovery =	38.84%
12) S 1-chlorooctadecane (S...	13.224	2418069	19.643 ug/ml
Spiked Amount 50.000		Recovery =	39.29%
Target Compounds			
1) T n-Nonane (C9)	3.178	2962833	19.429 ug/ml
2) T n-Decane (C10)	4.428	3057472	19.741 ug/ml
3) T A~Naphthalene (C11.7)	6.134	3026623	19.216 ug/ml
4) T n-Dodecane (C12)	6.596	3079973	19.809 ug/ml
5) T A~2-methylnaphthalene...	7.231	2828852	19.727 ug/ml
6) T n-Tetradecane (C14)	8.422	3055363	19.814 ug/ml
7) T n-Hexadecane (C16)	10.029	3152717	19.870 ug/ml
8) T n-Octadecane (C18)	11.470	3168027	19.872 ug/ml
10) T n-Eicosane (C20)	12.779	2979991	19.687 ug/ml
11) T n-Heneicosane (C21)	13.391	2889669	19.514 ug/ml
13) T n-Docosane (C22)	13.977	2867101	19.706 ug/ml
14) T n-Tetracosane (C24)	15.079	2820561	19.749 ug/ml
15) T n-Hexacosane (C26)	16.101	2769926	19.822 ug/ml
16) T n-Octacosane (C28)	17.049	2742103	20.127 ug/mlm
17) T n-Tricontane (C30)	17.938	2888409	20.703 ug/ml
18) T n-Dotriacontane (C32)	18.769	2888543	20.992 ug/ml
19) T n-Tetratriacontane (C34)	19.555	2815262	20.957 ug/ml
20) T n-Hexatriacontane (C36)	20.295	2816923	21.154 ug/ml
21) T n-Octatriacontane (C38)	21.015	2862025	20.772 ug/ml
22) T n-Tetracontane (C40)	21.886	2817560	19.970 ug/ml

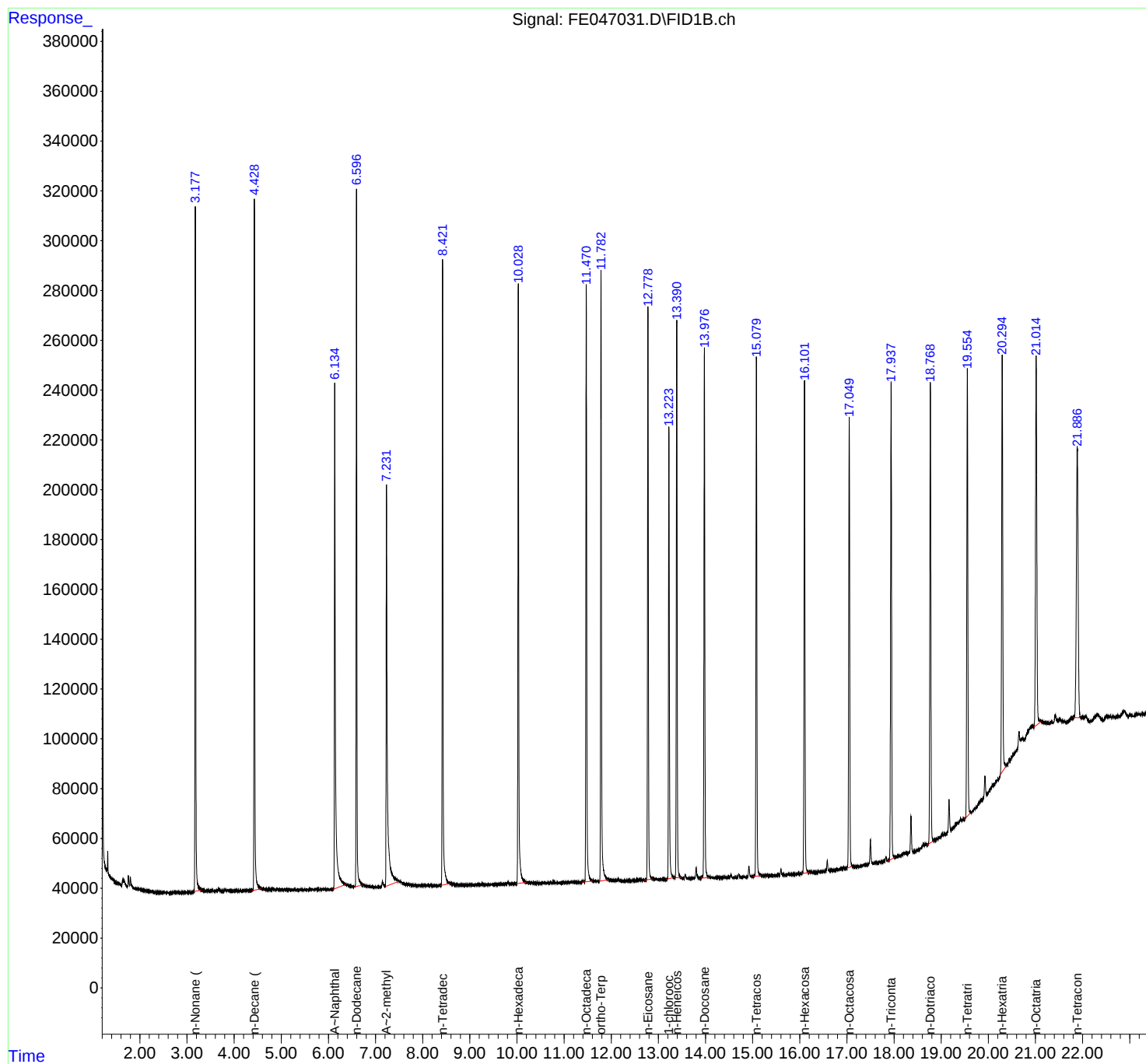
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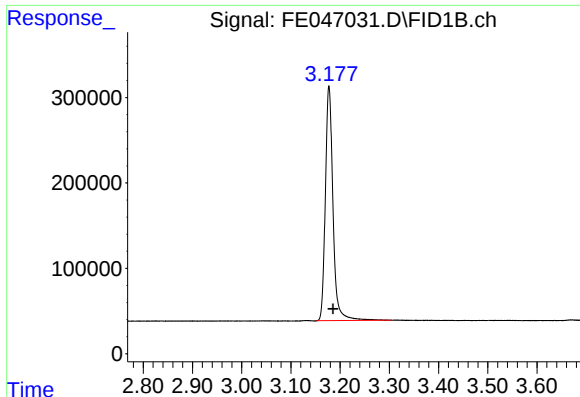
(m)=manual int.

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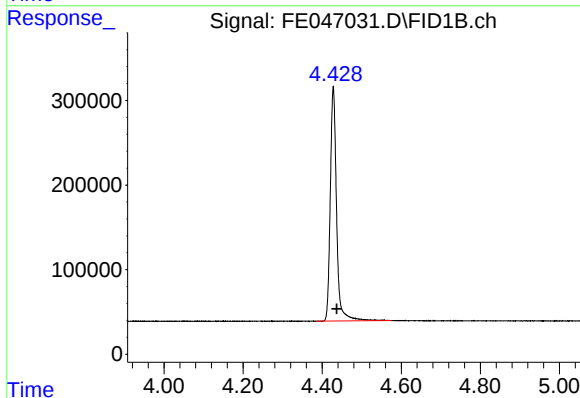
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Signal Info : 20M x 0.18mm x 0.18um





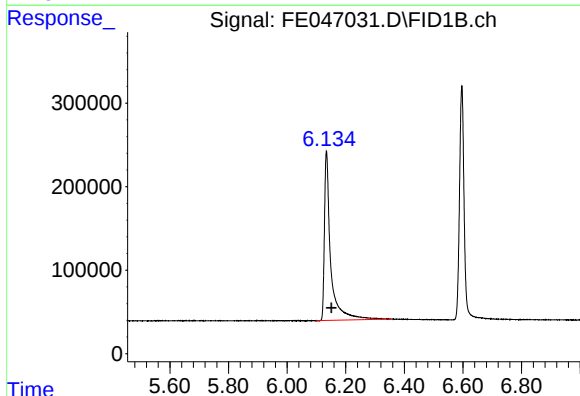
#1 n-Nonane (C9)

R.T.: 3.178 min
Delta R.T.: -0.008 min
Response: 2962833
Conc: 19.43 ug/ml



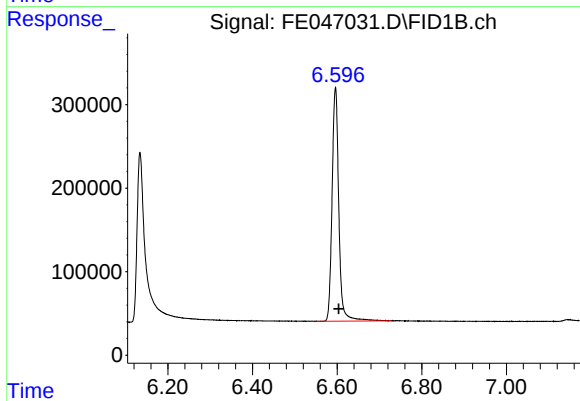
#2 n-Decane (C10)

R.T.: 4.428 min
Delta R.T.: -0.008 min
Response: 3057472
Conc: 19.74 ug/ml



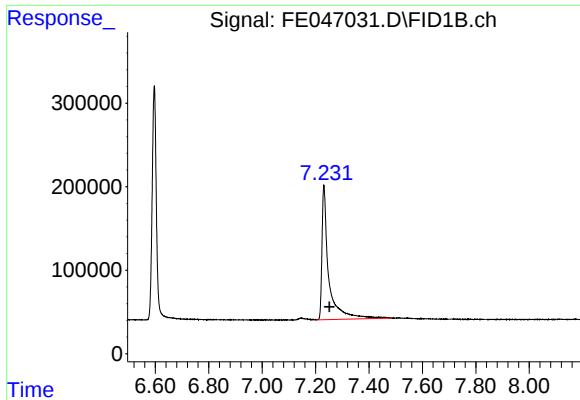
#3 A~Naphthalene (C11.7)

R.T.: 6.134 min
Delta R.T.: -0.017 min
Response: 3026623
Conc: 19.22 ug/ml



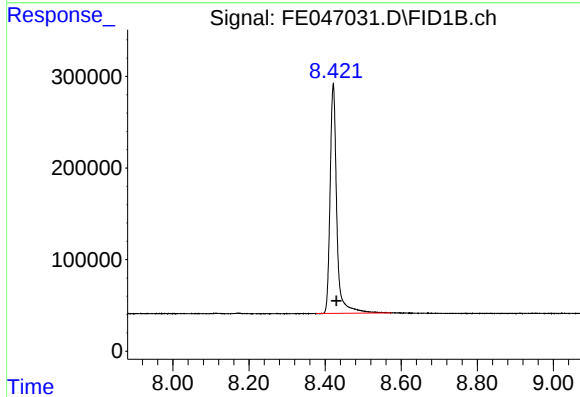
#4 n-Dodecane (C12)

R.T.: 6.596 min
Delta R.T.: -0.008 min
Response: 3079973
Conc: 19.81 ug/ml



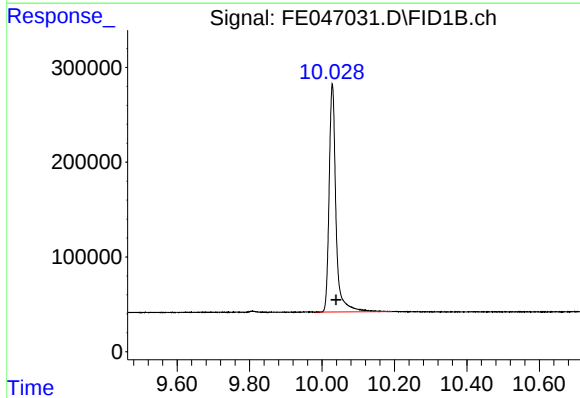
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.231 min
Delta R.T.: -0.021 min
Response: 2828852
Conc: 19.73 ug/ml



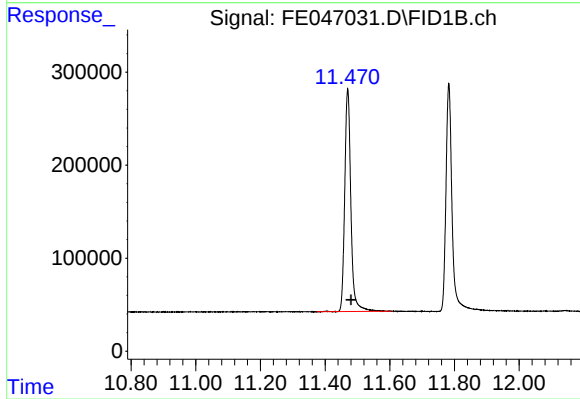
#6 n-Tetradecane (C14)

R.T.: 8.422 min
Delta R.T.: -0.008 min
Response: 3055363
Conc: 19.81 ug/ml



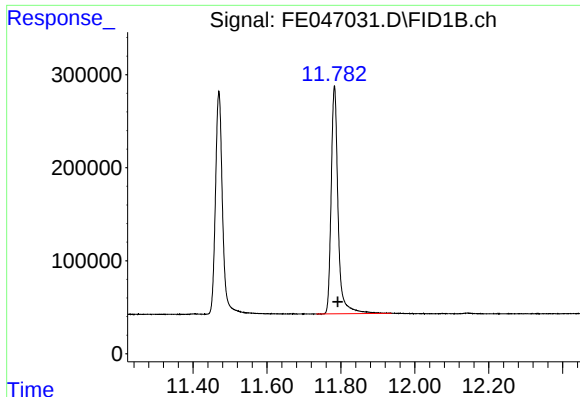
#7 n-Hexadecane (C16)

R.T.: 10.029 min
Delta R.T.: -0.010 min
Response: 3152717
Conc: 19.87 ug/ml



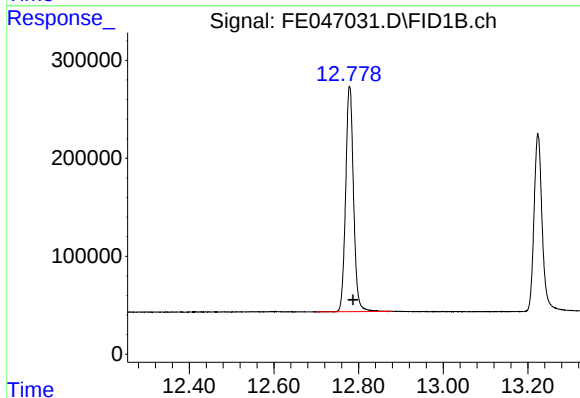
#8 n-Octadecane (C18)

R.T.: 11.470 min
Delta R.T.: -0.010 min
Response: 3168027
Conc: 19.87 ug/ml



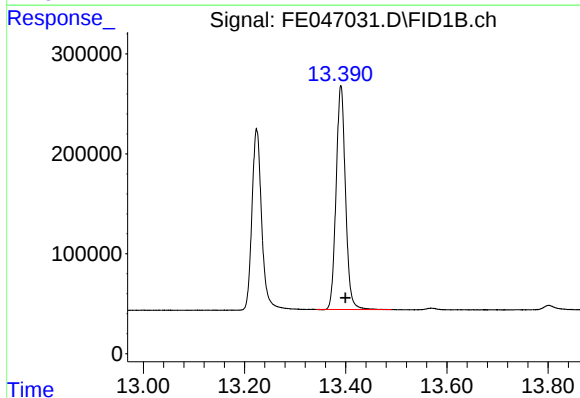
#9 ortho-Terphenyl (SURR)

R.T.: 11.783 min
Delta R.T.: -0.009 min
Response: 3191003
Conc: 19.42 ug/ml



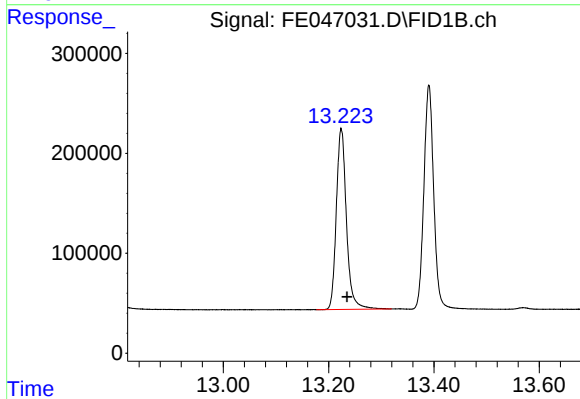
#10 n-Eicosane (C20)

R.T.: 12.779 min
Delta R.T.: -0.009 min
Response: 2979991
Conc: 19.69 ug/ml



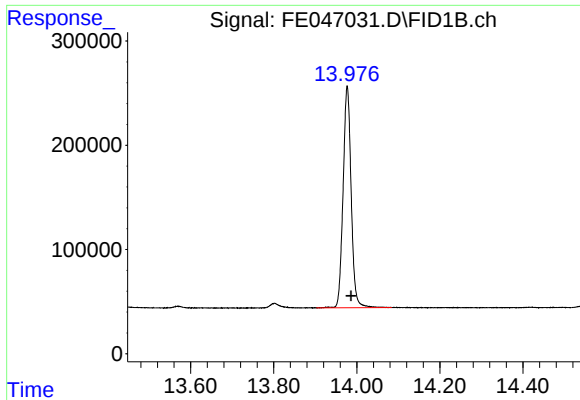
#11 n-Heneicosane (C21)

R.T.: 13.391 min
Delta R.T.: -0.009 min
Response: 2889669
Conc: 19.51 ug/ml



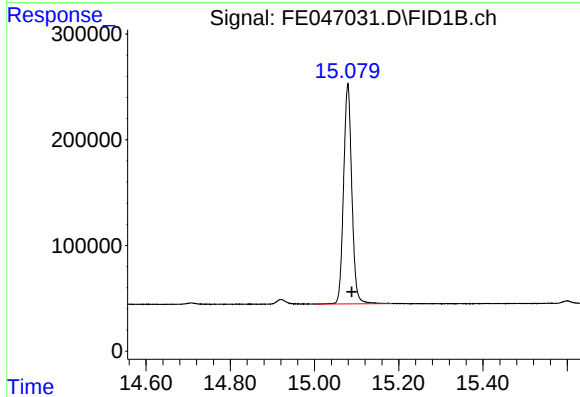
#12 1-chlorooctadecane (SURR)

R.T.: 13.224 min
Delta R.T.: -0.011 min
Response: 2418069
Conc: 19.64 ug/ml



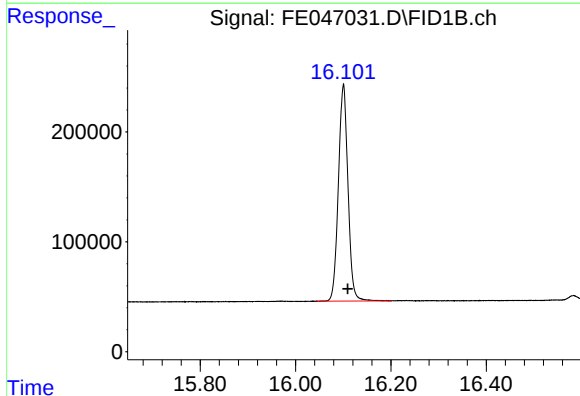
#13 n-Docosane (C22)

R.T.: 13.977 min
Delta R.T.: -0.009 min
Response: 2867101
Conc: 19.71 ug/ml



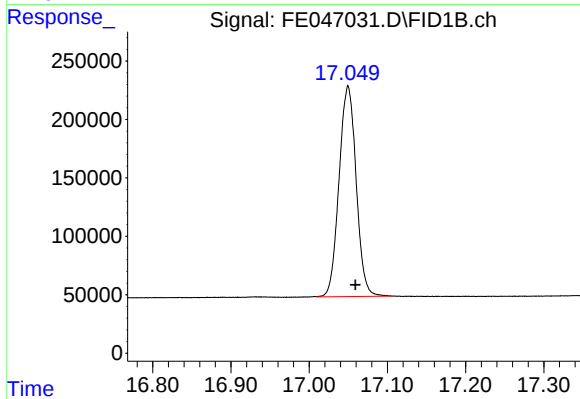
#14 n-Tetracosane (C24)

R.T.: 15.079 min
Delta R.T.: -0.009 min
Response: 2820561
Conc: 19.75 ug/ml



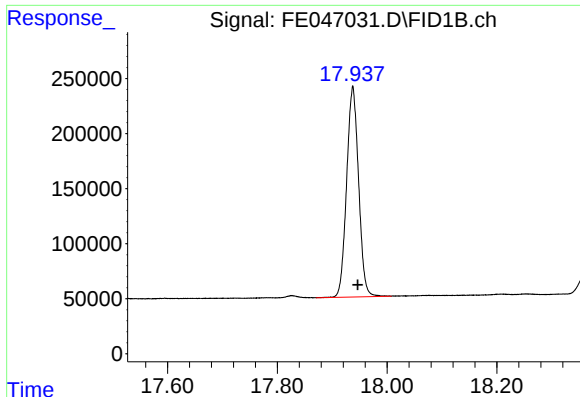
#15 n-Hexacosane (C26)

R.T.: 16.101 min
Delta R.T.: -0.009 min
Response: 2769926
Conc: 19.82 ug/ml



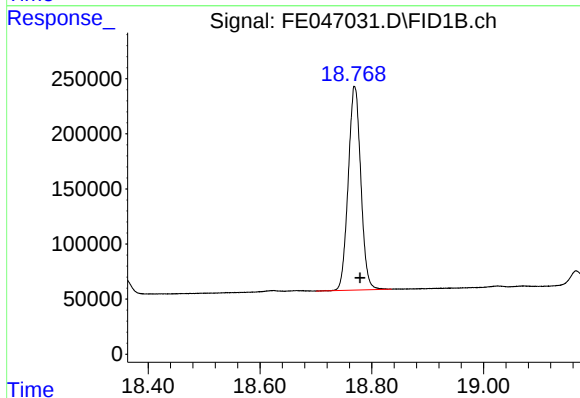
#16 n-Octacosane (C28)

R.T.: 17.049 min
Delta R.T.: -0.010 min
Response: 2742103
Conc: 20.13 ug/ml m



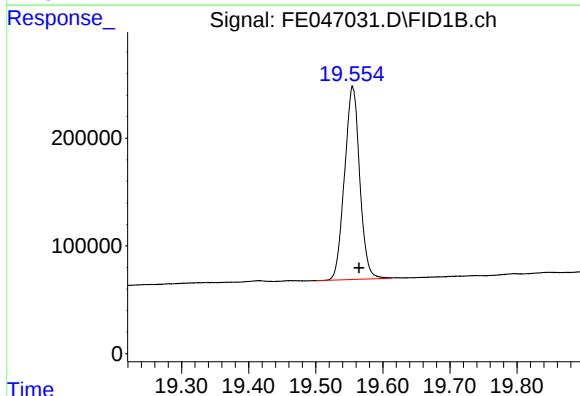
#17 n-Tricontane (C30)

R.T.: 17.938 min
Delta R.T.: -0.009 min
Response: 2888409
Conc: 20.70 ug/ml



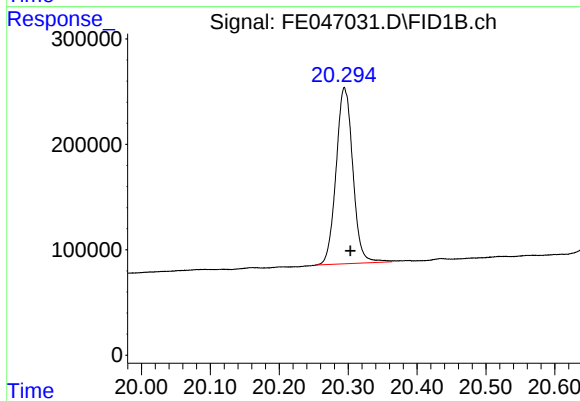
#18 n-Dotriacontane (C32)

R.T.: 18.769 min
Delta R.T.: -0.010 min
Response: 2888543
Conc: 20.99 ug/ml



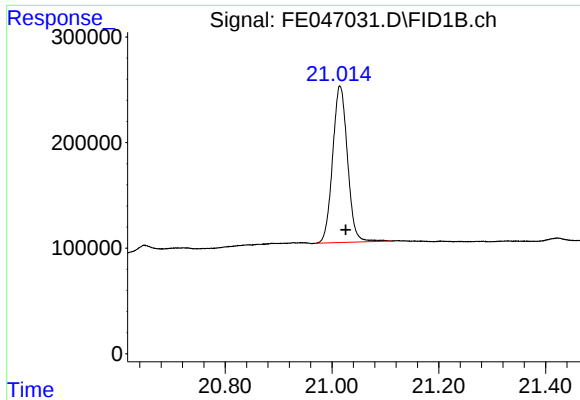
#19 n-Tetratriacontane (C34)

R.T.: 19.555 min
Delta R.T.: -0.010 min
Response: 2815262
Conc: 20.96 ug/ml



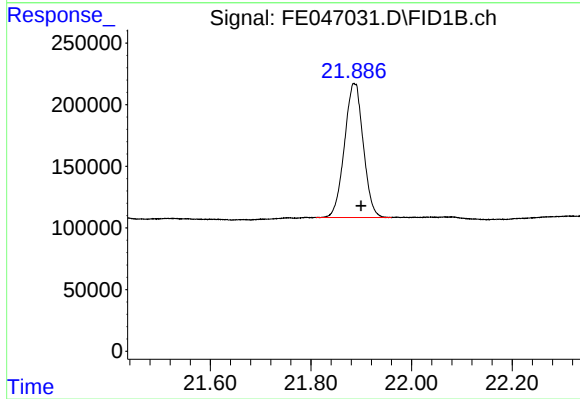
#20 n-Hexatriacontane (C36)

R.T.: 20.295 min
Delta R.T.: -0.009 min
Response: 2816923
Conc: 21.15 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.015 min
Delta R.T.: -0.011 min
Response: 2862025
Conc: 20.77 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.886 min
Delta R.T.: -0.014 min
Response: 2817560
Conc: 19.97 ug/ml