

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE020123AL\
 Data File : FE040166.D
 Signal(s) : FID1B.ch
 Acq On : 01 Feb 2023 22:34
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 02 00:10:53 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 011023.M
 Quant Title : GC Extractables
 QLast Update : Tue Jan 10 04:24:52 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)	11.898	2910785	18.955 ug/ml
Spiked Amount 50.000		Recovery =	37.91%
12) S 1-chlorooctadecane (S...	13.336	2244258	19.231 ug/ml
Spiked Amount 50.000		Recovery =	38.46%
Target Compounds			
1) T n-Nonane (C9)	3.293	2393089	18.853 ug/ml
2) T n-Decane (C10)	4.542	2375607	19.129 ug/ml
3) T A~Naphthalene (C11.7)	6.244	2641480	18.730 ug/ml
4) T n-Dodecane (C12)	6.706	2418159	19.233 ug/ml
5) T A~2-methylnaphthalene...	7.339	2469347	18.853 ug/ml
6) T n-Tetradecane (C14)	8.532	2485131	19.322 ug/ml
7) T n-Hexadecane (C16)	10.139	2603123	19.296 ug/ml
8) T n-Octadecane (C18)	11.582	2688724	19.188 ug/ml
10) T n-Eicosane (C20)	12.891	2653429	19.151 ug/ml
11) T n-Heneicosane (C21)	13.503	2650752	18.996 ug/ml
13) T n-Docosane (C22)	14.089	2656891	19.141 ug/ml
14) T n-Tetracosane (C24)	15.193	2737314	19.882 ug/ml
15) T n-Hexacosane (C26)	16.215	2644420	19.814 ug/ml
16) T n-Octacosane (C28)	17.166	2619155	20.120 ug/ml
17) T n-Tricontane (C30)	18.054	2718139	21.314 ug/ml
18) T n-Dotriacontane (C32)	18.887	2764309	21.866 ug/ml
19) T n-Tetratriacontane (C34)	19.673	2552289	20.655 ug/ml
20) T n-Hexatriacontane (C36)	20.413	2412384	20.462 ug/mlm
21) T n-Octatriacontane (C38)	21.145	2238351	18.728 ug/ml
22) T n-Tetracontane (C40)	22.043	2490272	20.518 ug/ml

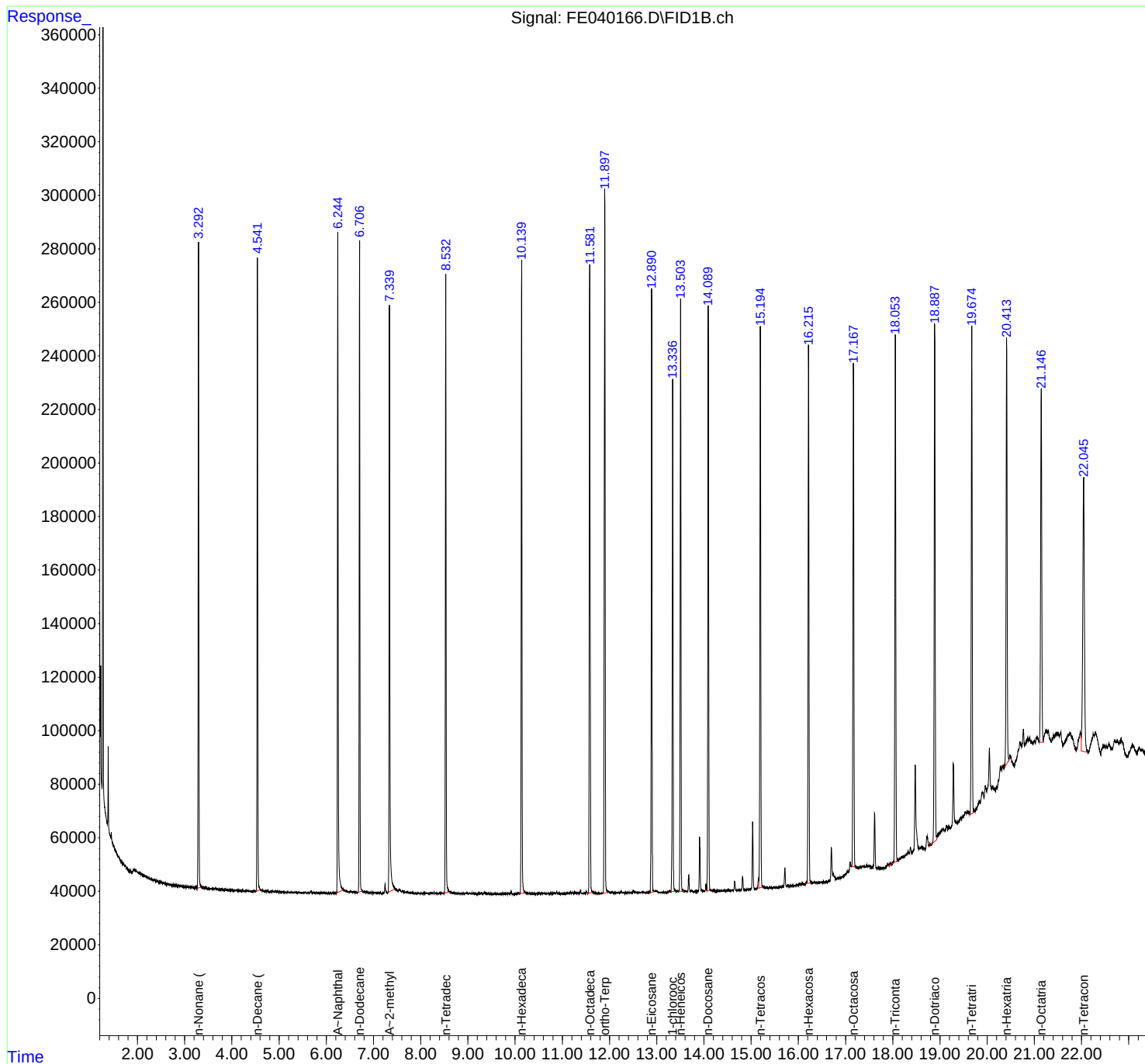
(f)=RT Delta > 1/2 Window

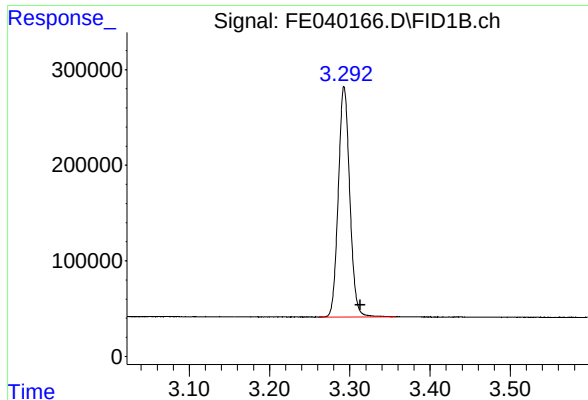
(m)=manual int.

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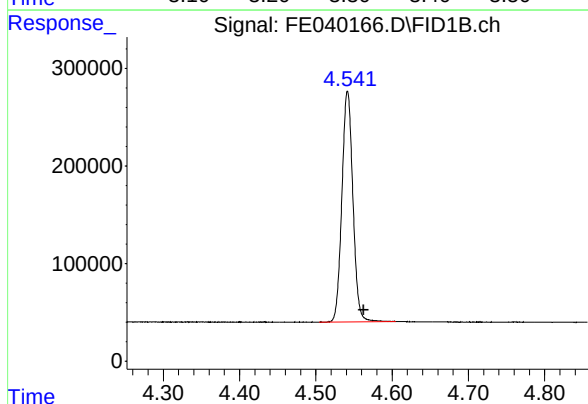
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Signal Info : 20M x 0.18mm x 0.18um





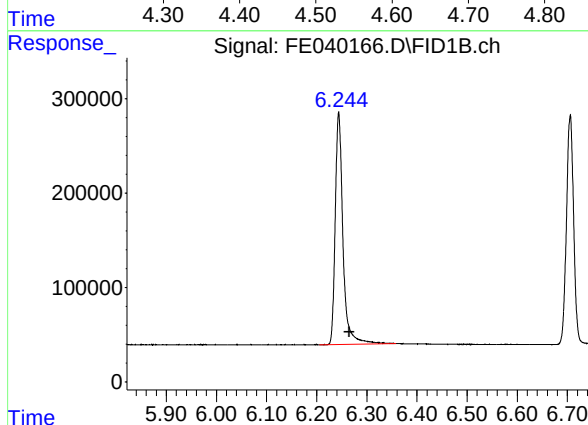
#1 n-Nonane (C9)

R.T.: 3.293 min
Delta R.T.: -0.020 min
Response: 2393089
Conc: 18.85 ug/ml



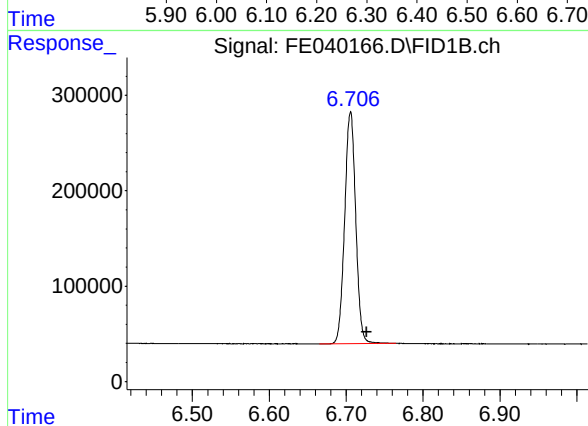
#2 n-Decane (C10)

R.T.: 4.542 min
Delta R.T.: -0.021 min
Response: 2375607
Conc: 19.13 ug/ml



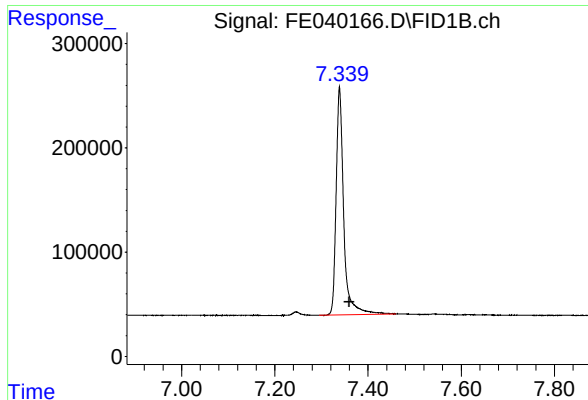
#3 A~Naphthalene (C11.7)

R.T.: 6.244 min
Delta R.T.: -0.021 min
Response: 2641480
Conc: 18.73 ug/ml



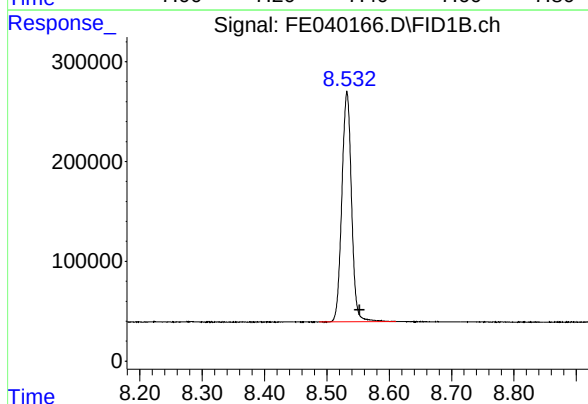
#4 n-Dodecane (C12)

R.T.: 6.706 min
Delta R.T.: -0.021 min
Response: 2418159
Conc: 19.23 ug/ml



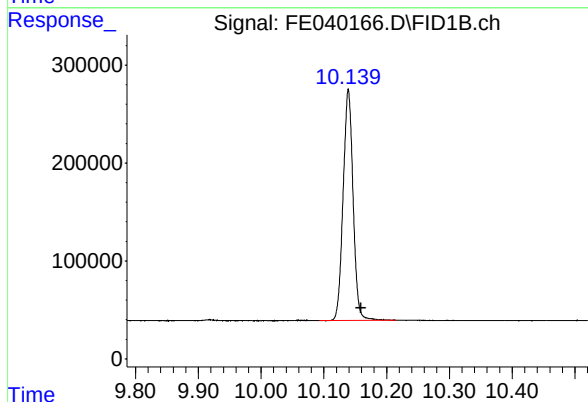
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.339 min
Delta R.T.: -0.020 min
Response: 2469347
Conc: 18.85 ug/ml



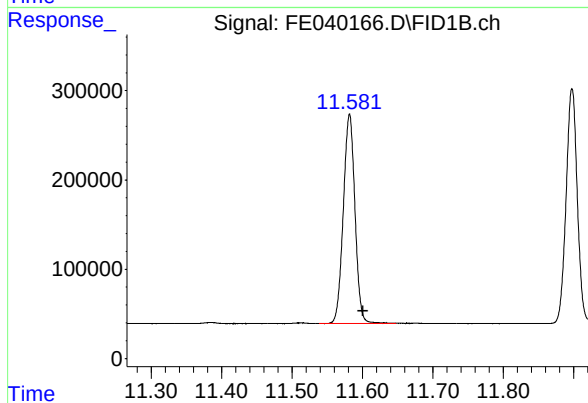
#6 n-Tetradecane (C14)

R.T.: 8.532 min
Delta R.T.: -0.020 min
Response: 2485131
Conc: 19.32 ug/ml



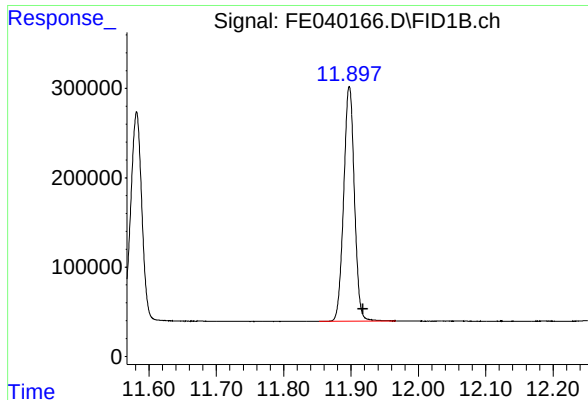
#7 n-Hexadecane (C16)

R.T.: 10.139 min
Delta R.T.: -0.020 min
Response: 2603123
Conc: 19.30 ug/ml



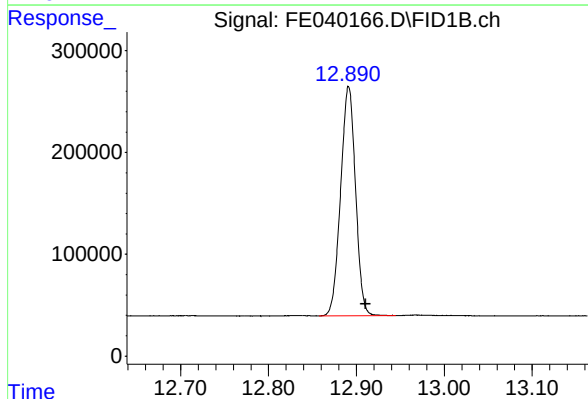
#8 n-Octadecane (C18)

R.T.: 11.582 min
Delta R.T.: -0.019 min
Response: 2688724
Conc: 19.19 ug/ml



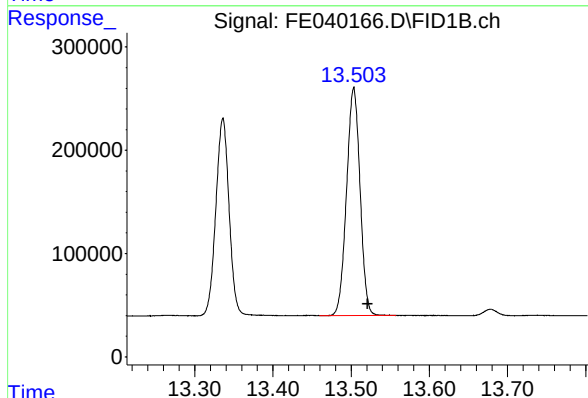
#9 ortho-Terphenyl (SURR)

R.T.: 11.898 min
Delta R.T.: -0.020 min
Response: 2910785
Conc: 18.95 ug/ml



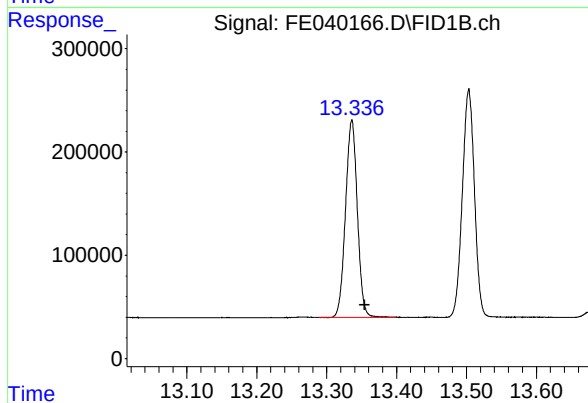
#10 n-Eicosane (C20)

R.T.: 12.891 min
Delta R.T.: -0.019 min
Response: 2653429
Conc: 19.15 ug/ml



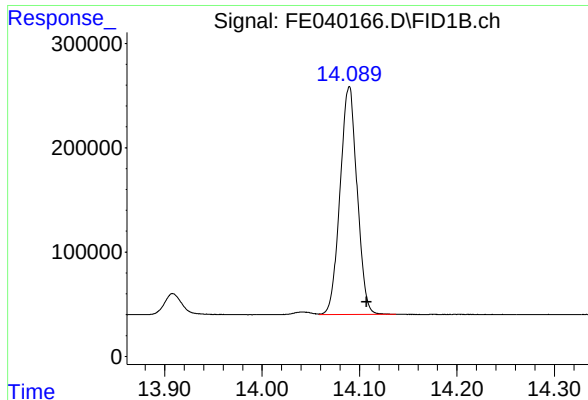
#11 n-Heneicosane (C21)

R.T.: 13.503 min
Delta R.T.: -0.018 min
Response: 2650752
Conc: 19.00 ug/ml



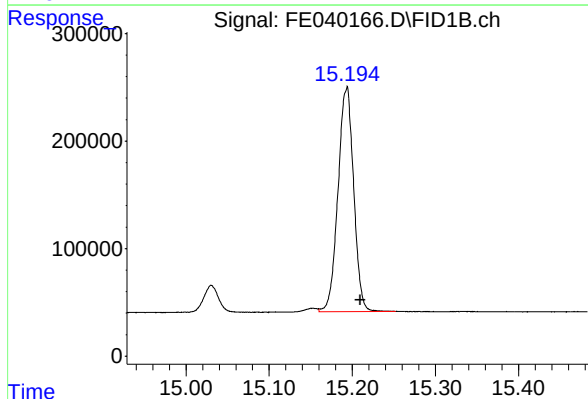
#12 1-chlorooctadecane (SURR)

R.T.: 13.336 min
Delta R.T.: -0.018 min
Response: 2244258
Conc: 19.23 ug/ml



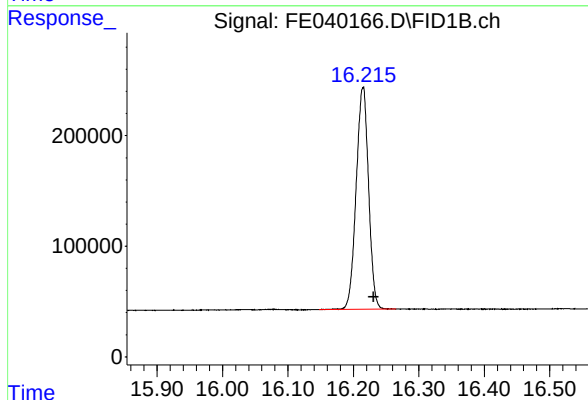
#13 n-Docosane (C22)

R.T.: 14.089 min
Delta R.T.: -0.018 min
Response: 2656891
Conc: 19.14 ug/ml



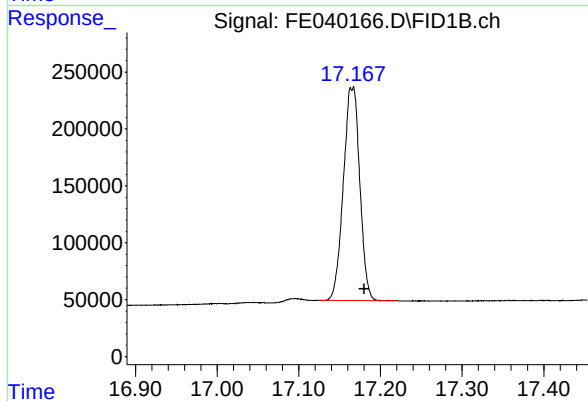
#14 n-Tetracosane (C24)

R.T.: 15.193 min
Delta R.T.: -0.016 min
Response: 2737314
Conc: 19.88 ug/ml



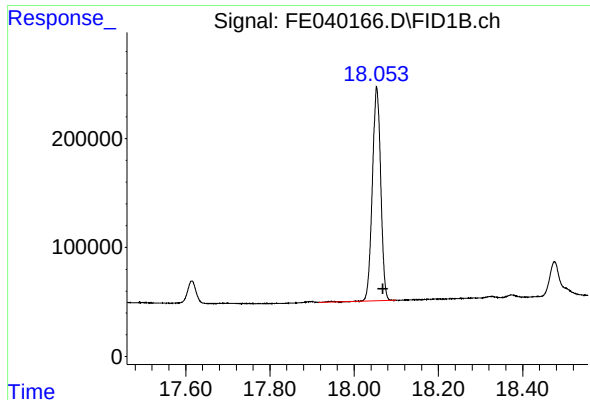
#15 n-Hexacosane (C26)

R.T.: 16.215 min
Delta R.T.: -0.016 min
Response: 2644420
Conc: 19.81 ug/ml



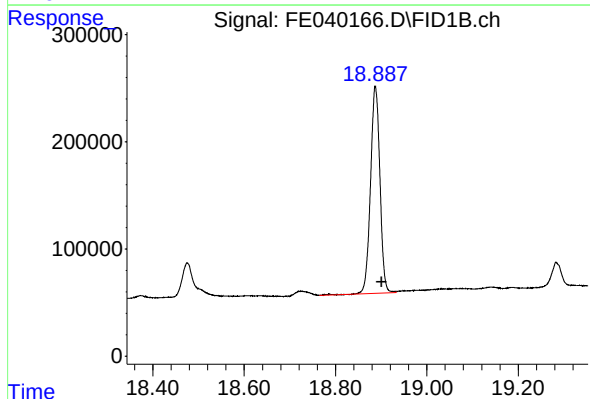
#16 n-Octacosane (C28)

R.T.: 17.166 min
Delta R.T.: -0.015 min
Response: 2619155
Conc: 20.12 ug/ml



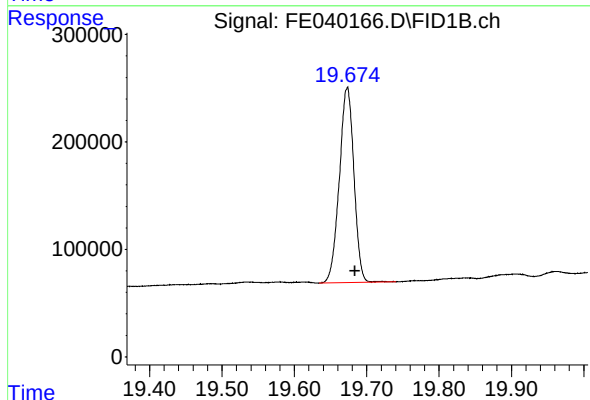
#17 n-Tricontane (C30)

R.T.: 18.054 min
Delta R.T.: -0.015 min
Response: 2718139
Conc: 21.31 ug/ml



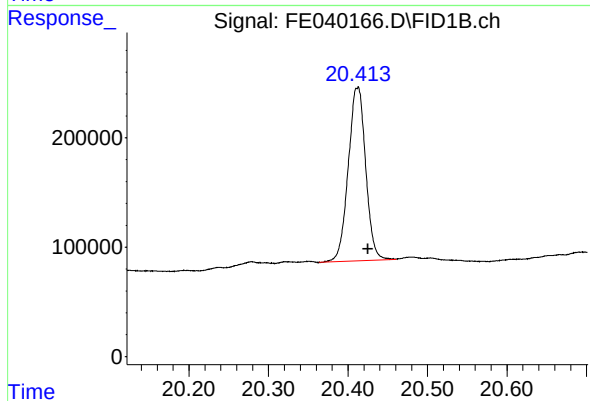
#18 n-Dotriacontane (C32)

R.T.: 18.887 min
Delta R.T.: -0.014 min
Response: 2764309
Conc: 21.87 ug/ml



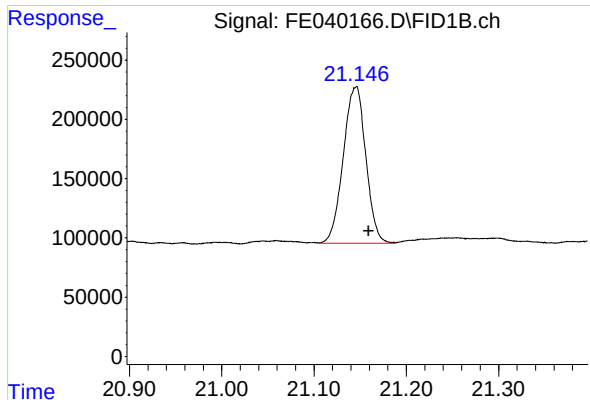
#19 n-Tetratriacontane (C34)

R.T.: 19.673 min
Delta R.T.: -0.011 min
Response: 2552289
Conc: 20.65 ug/ml



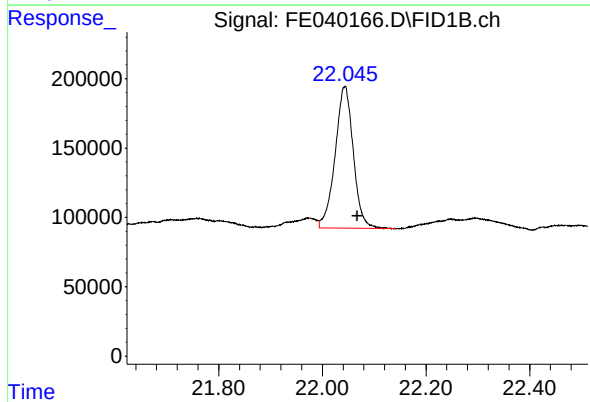
#20 n-Hexatriacontane (C36)

R.T.: 20.413 min
Delta R.T.: -0.012 min
Response: 2412384
Conc: 20.46 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 21.145 min
Delta R.T.: -0.014 min
Response: 2238351
Conc: 18.73 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.043 min
Delta R.T.: -0.025 min
Response: 2490272
Conc: 20.52 ug/ml