

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE022124AL\
 Data File : FE046891.D
 Signal(s) : FID1B.ch
 Acq On : 22 Feb 2024 01:50
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 22 01:59:19 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)	11.792	3248913	19.775 ug/ml
Spiked Amount 50.000		Recovery =	39.55%
12) S 1-chlorooctadecane (S...	13.233	2467018	20.041 ug/ml
Spiked Amount 50.000		Recovery =	40.08%
Target Compounds			
1) T n-Nonane (C9)	3.185	3030732	19.875 ug/ml
2) T n-Decane (C10)	4.436	3093513	19.973 ug/ml
3) T A~Naphthalene (C11.7)	6.141	3124338	19.837 ug/ml
4) T n-Dodecane (C12)	6.603	3124718	20.097 ug/ml
5) T A~2-methylnaphthalene...	7.237	2880537	20.088 ug/ml
6) T n-Tetradecane (C14)	8.429	3103880	20.129 ug/ml
7) T n-Hexadecane (C16)	10.037	3179010	20.036 ug/ml
8) T n-Octadecane (C18)	11.479	3190828	20.015 ug/ml
10) T n-Eicosane (C20)	12.789	3017217	19.933 ug/ml
11) T n-Heneicosane (C21)	13.400	2929983	19.786 ug/ml
13) T n-Docosane (C22)	13.986	2883087	19.816 ug/ml
14) T n-Tetracosane (C24)	15.089	2820735	19.751 ug/ml
15) T n-Hexacosane (C26)	16.112	2748904	19.671 ug/ml
16) T n-Octacosane (C28)	17.059	2668488	19.587 ug/ml
17) T n-Tricontane (C30)	17.948	2720248	19.498 ug/ml
18) T n-Dotriacontane (C32)	18.781	2694913	19.585 ug/ml
19) T n-Tetratriacontane (C34)	19.566	2605098	19.393 ug/ml
20) T n-Hexatriacontane (C36)	20.308	2683457	20.152 ug/ml
21) T n-Octatriacontane (C38)	21.028	2716384	19.715 ug/ml
22) T n-Tetracontane (C40)	21.903	2634407	18.672 ug/ml

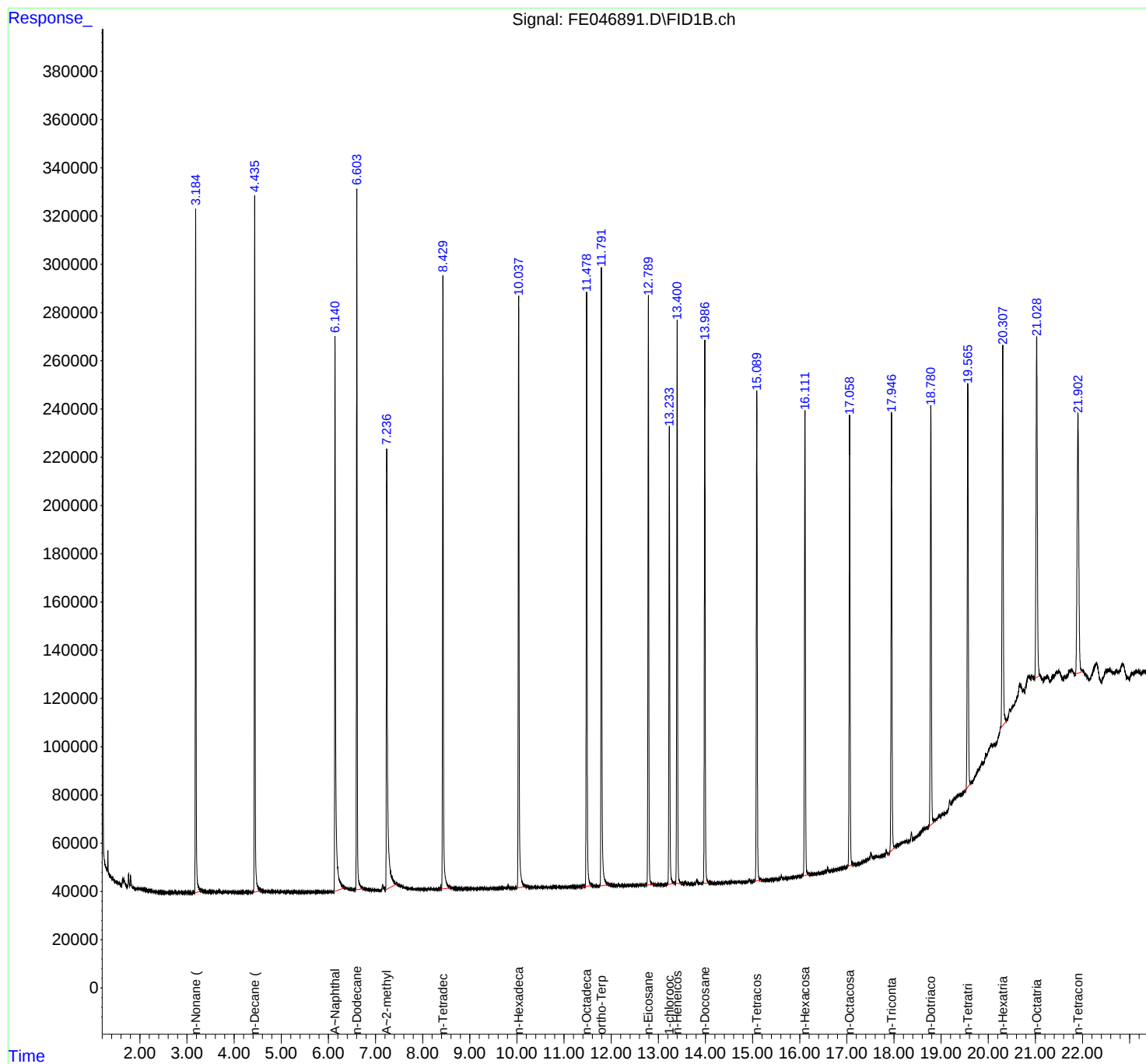
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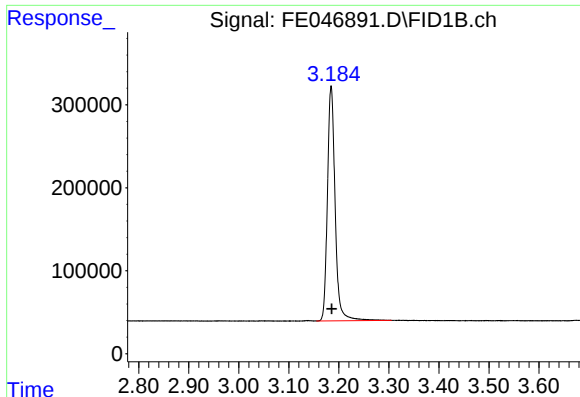
(m)=manual int.

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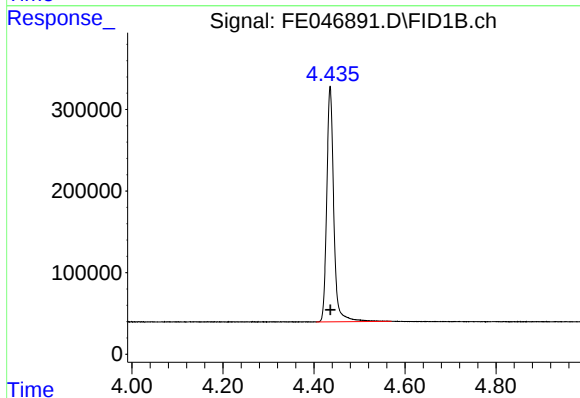
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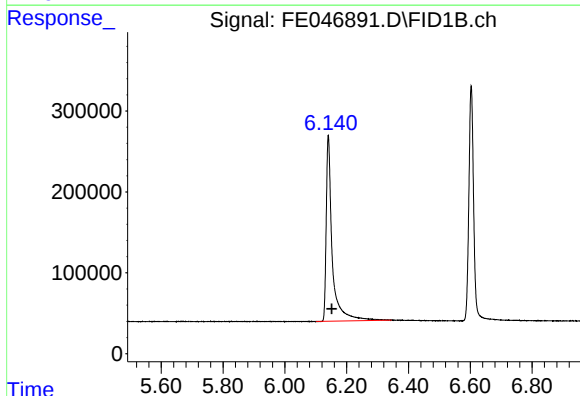
#1 n-Nonane (C9)

R.T.: 3.185 min
Delta R.T.: -0.001 min
Response: 3030732
Conc: 19.87 ug/ml



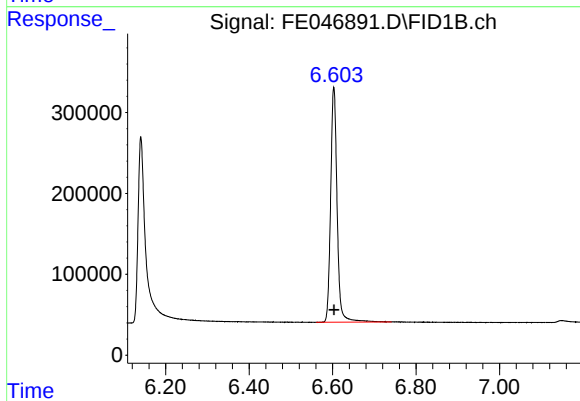
#2 n-Decane (C10)

R.T.: 4.436 min
Delta R.T.: 0.000 min
Response: 3093513
Conc: 19.97 ug/ml



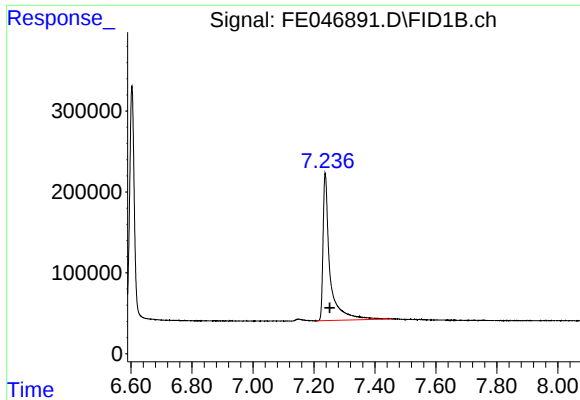
#3 A~Naphthalene (C11.7)

R.T.: 6.141 min
Delta R.T.: -0.011 min
Response: 3124338
Conc: 19.84 ug/ml



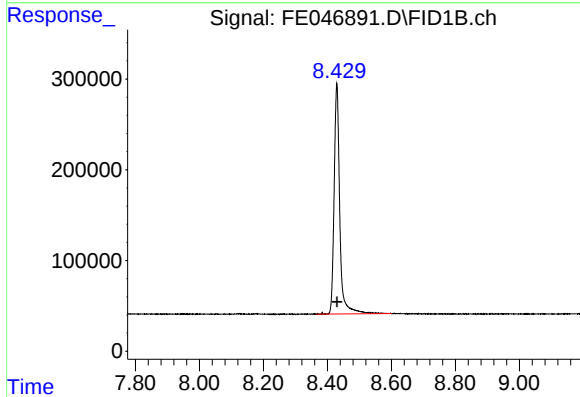
#4 n-Dodecane (C12)

R.T.: 6.603 min
Delta R.T.: 0.000 min
Response: 3124718
Conc: 20.10 ug/ml



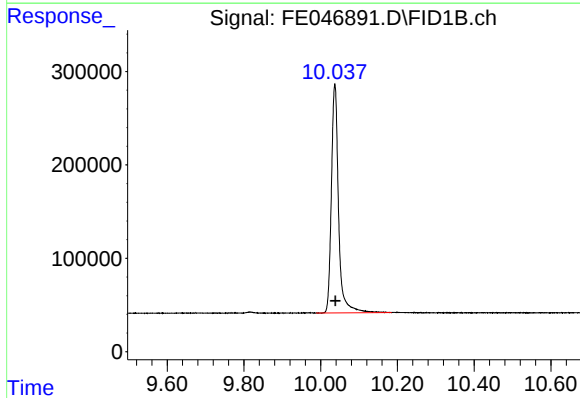
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.237 min
Delta R.T.: -0.015 min
Response: 2880537
Conc: 20.09 ug/ml



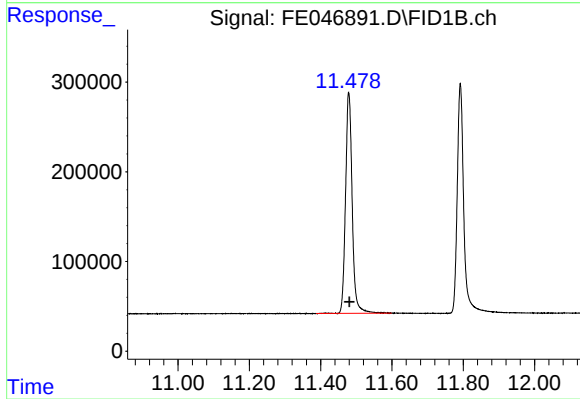
#6 n-Tetradecane (C14)

R.T.: 8.429 min
Delta R.T.: 0.000 min
Response: 3103880
Conc: 20.13 ug/ml



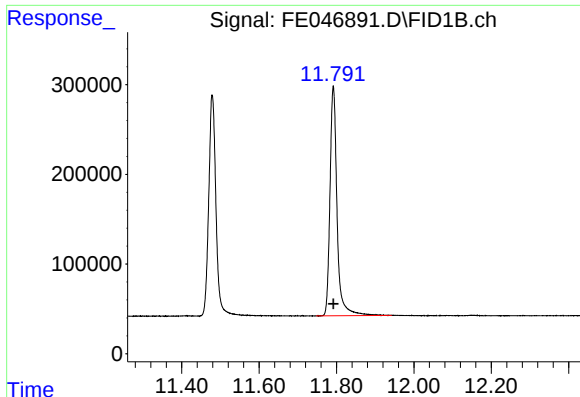
#7 n-Hexadecane (C16)

R.T.: 10.037 min
Delta R.T.: -0.001 min
Response: 3179010
Conc: 20.04 ug/ml



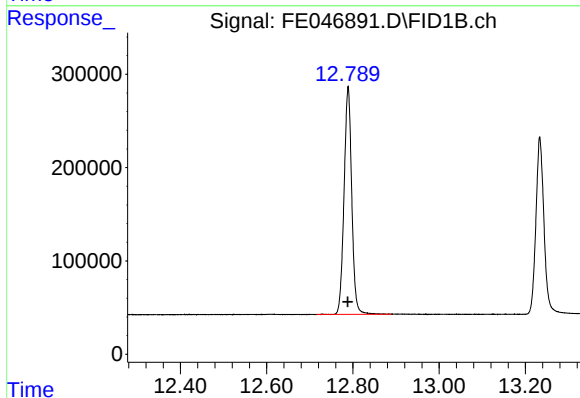
#8 n-Octadecane (C18)

R.T.: 11.479 min
Delta R.T.: -0.001 min
Response: 3190828
Conc: 20.02 ug/ml



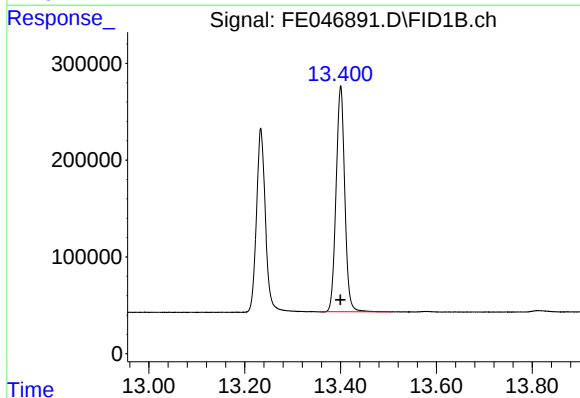
#9 ortho-Terphenyl (SURR)

R.T.: 11.792 min
Delta R.T.: 0.000 min
Response: 3248913
Conc: 19.77 ug/ml



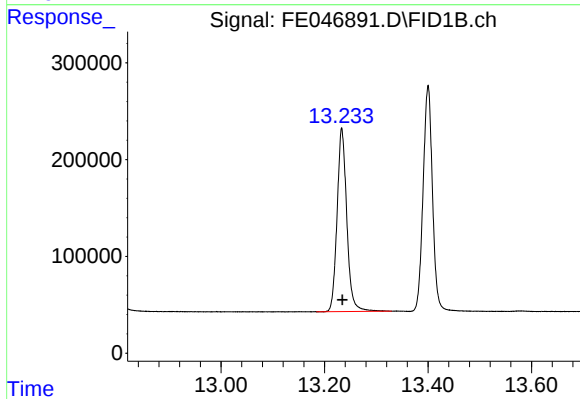
#10 n-Eicosane (C20)

R.T.: 12.789 min
Delta R.T.: 0.001 min
Response: 3017217
Conc: 19.93 ug/ml



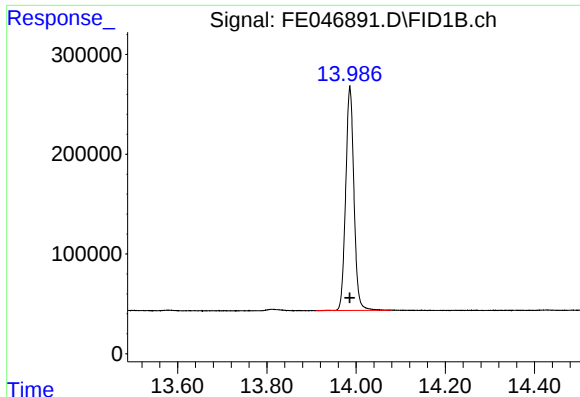
#11 n-Heneicosane (C21)

R.T.: 13.400 min
Delta R.T.: 0.000 min
Response: 2929983
Conc: 19.79 ug/ml



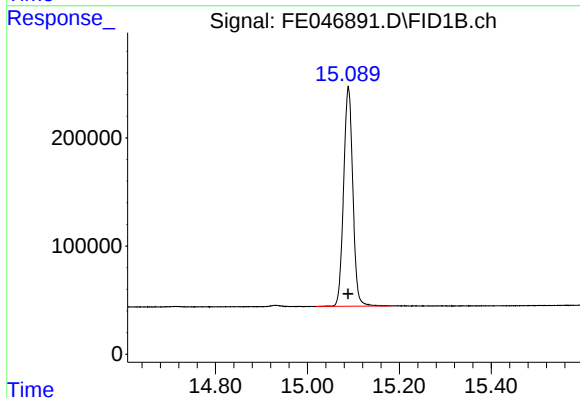
#12 1-chlorooctadecane (SURR)

R.T.: 13.233 min
Delta R.T.: -0.002 min
Response: 2467018
Conc: 20.04 ug/ml



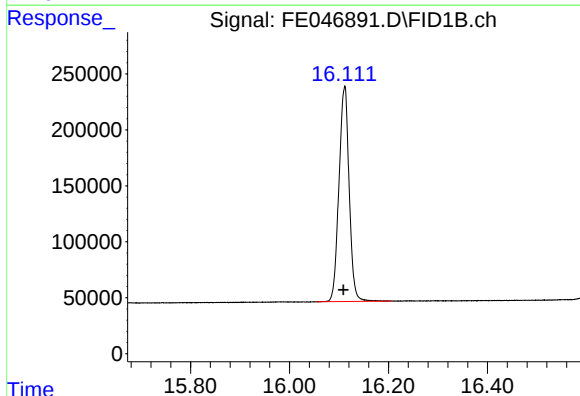
#13 n-Docosane (C22)

R.T.: 13.986 min
Delta R.T.: 0.000 min
Response: 2883087
Conc: 19.82 ug/ml



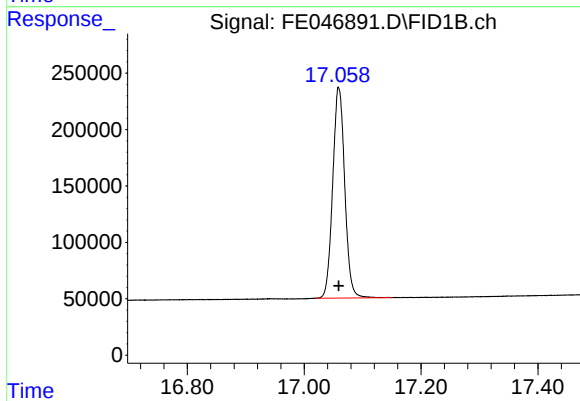
#14 n-Tetracosane (C24)

R.T.: 15.089 min
Delta R.T.: 0.000 min
Response: 2820735
Conc: 19.75 ug/ml



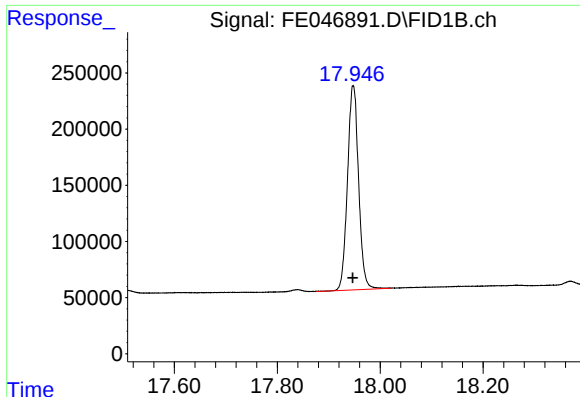
#15 n-Hexacosane (C26)

R.T.: 16.112 min
Delta R.T.: 0.002 min
Response: 2748904
Conc: 19.67 ug/ml



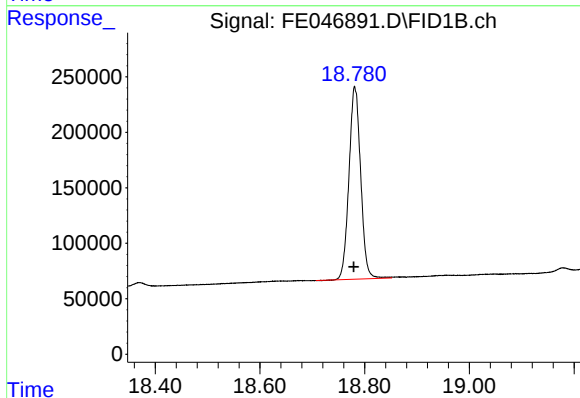
#16 n-Octacosane (C28)

R.T.: 17.059 min
Delta R.T.: 0.000 min
Response: 2668488
Conc: 19.59 ug/ml



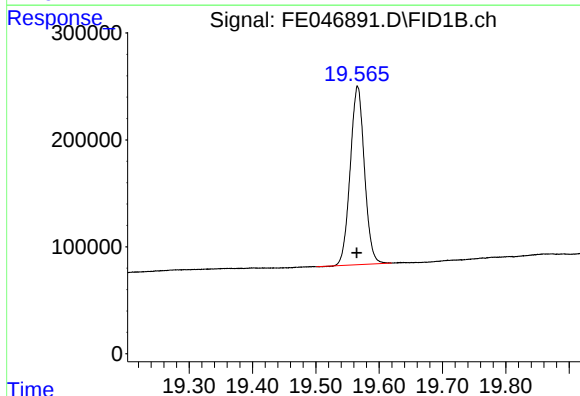
#17 n-Tricontane (C30)

R.T.: 17.948 min
Delta R.T.: 0.000 min
Response: 2720248
Conc: 19.50 ug/ml



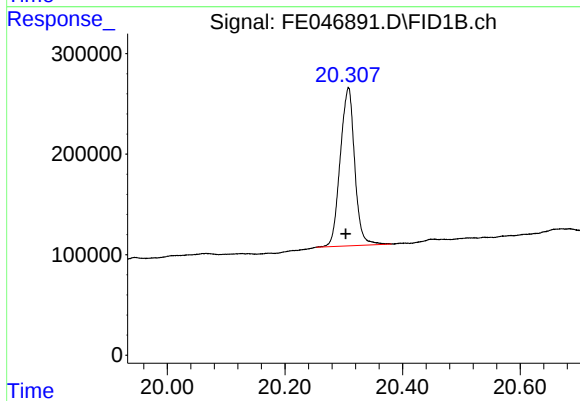
#18 n-Dotriacontane (C32)

R.T.: 18.781 min
Delta R.T.: 0.002 min
Response: 2694913
Conc: 19.58 ug/ml



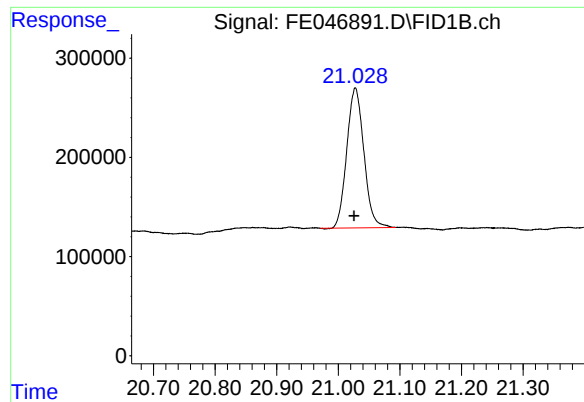
#19 n-Tetratriacontane (C34)

R.T.: 19.566 min
Delta R.T.: 0.001 min
Response: 2605098
Conc: 19.39 ug/ml



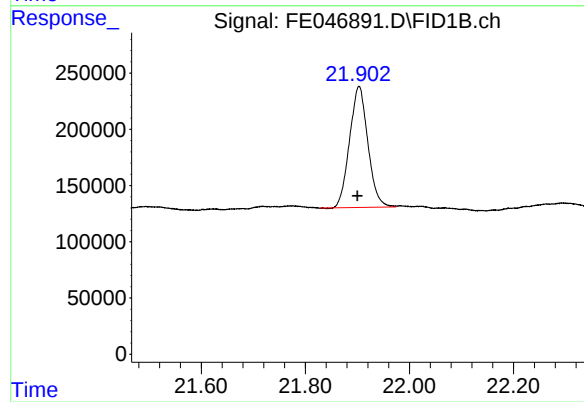
#20 n-Hexatriacontane (C36)

R.T.: 20.308 min
Delta R.T.: 0.005 min
Response: 2683457
Conc: 20.15 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.028 min
Delta R.T.: 0.002 min
Response: 2716384
Conc: 19.71 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.903 min
Delta R.T.: 0.003 min
Response: 2634407
Conc: 18.67 ug/ml