

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE021424AL\
 Data File : FE046770.D
 Signal(s) : FID1B.ch
 Acq On : 14 Feb 2024 11:47
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 15 02:00:45 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 012524.M
 Quant Title : GC Extractables
 Qlast Update : Thu Jan 25 14:56:03 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)	11.804	3365655	18.202 ug/ml
Spiked Amount 50.000		Recovery =	36.40%
12) S 1-chlorooctadecane (S...	13.245	2546298	17.897 ug/ml
Spiked Amount 50.000		Recovery =	35.79%
Target Compounds			
1) T n-Nonane (C9)	3.193	3193871	19.773 ug/ml
2) T n-Decane (C10)	4.444	3315664	20.232 ug/ml
3) T A~Naphthalene (C11.7)	6.149	3377412	19.751 ug/ml
4) T n-Dodecane (C12)	6.611	3343288	20.212 ug/ml
5) T A~2-methylnaphthalene...	7.245	3086800	19.354 ug/ml
6) T n-Tetradecane (C14)	8.438	3258175	19.880 ug/ml
7) T n-Hexadecane (C16)	10.046	3309211	19.366 ug/ml
8) T n-Octadecane (C18)	11.490	3301661	18.938 ug/ml
10) T n-Eicosane (C20)	12.799	3112010	18.329 ug/ml
11) T n-Heneicosane (C21)	13.411	3021962	18.118 ug/ml
13) T n-Docosane (C22)	13.998	3011818	18.180 ug/ml
14) T n-Tetracosane (C24)	15.102	3049328	18.480 ug/ml
15) T n-Hexacosane (C26)	16.124	3021953	18.723 ug/ml
16) T n-Octacosane (C28)	17.074	3040886	19.371 ug/ml
17) T n-Tricontane (C30)	17.964	3185261	20.336 ug/ml
18) T n-Dotriacontane (C32)	18.798	3110944	20.581 ug/ml
19) T n-Tetratriacontane (C34)	19.583	3014488	21.253 ug/ml
20) T n-Hexatriacontane (C36)	20.323	2828268	20.518 ug/ml
21) T n-Octatriacontane (C38)	21.048	2805202	21.882 ug/ml
22) T n-Tetracontane (C40)	21.929	2709622	21.671 ug/ml

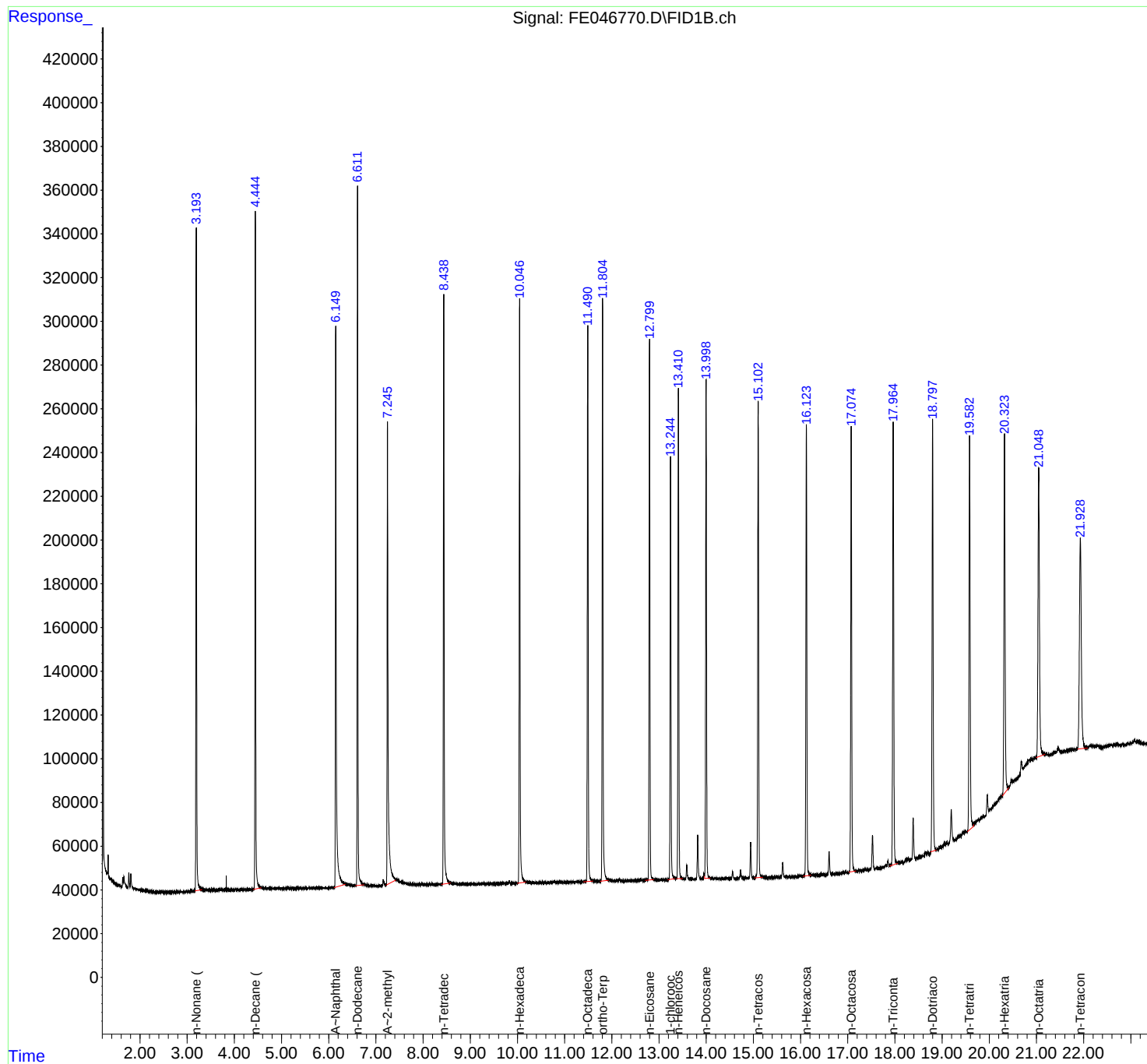
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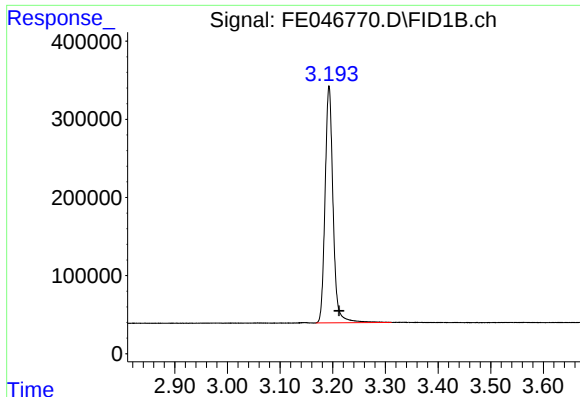
(m)=manual int.

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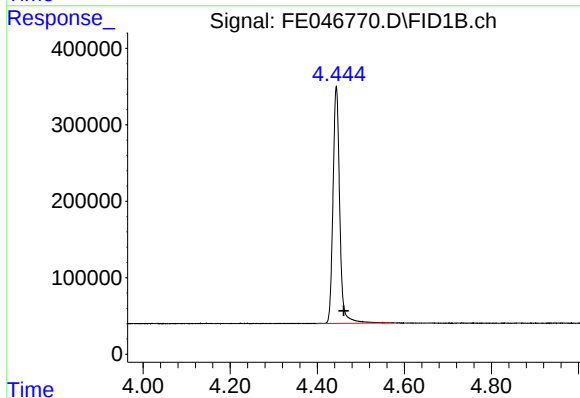
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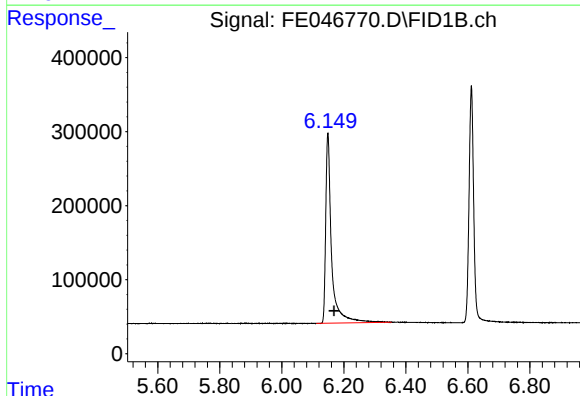
#1 n-Nonane (C9)

R.T.: 3.193 min
Delta R.T.: -0.019 min
Response: 3193871
Conc: 19.77 ug/ml



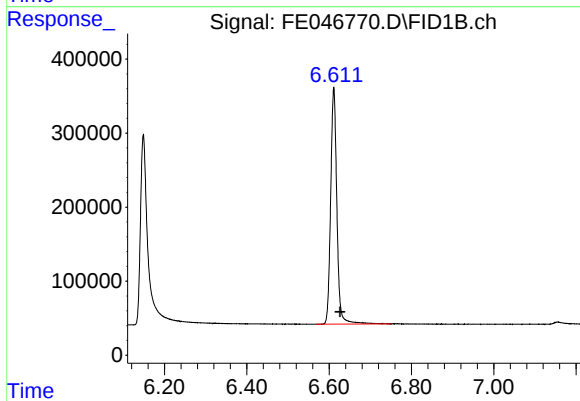
#2 n-Decane (C10)

R.T.: 4.444 min
Delta R.T.: -0.017 min
Response: 3315664
Conc: 20.23 ug/ml



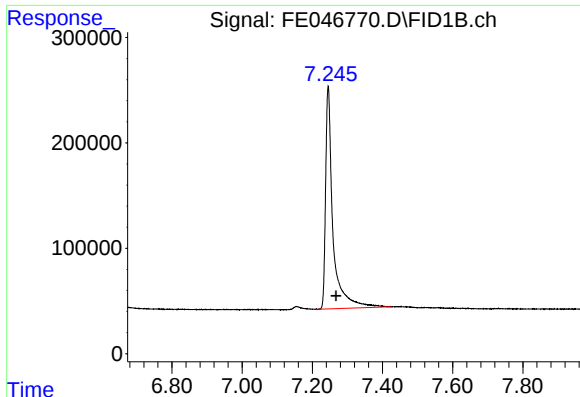
#3 A~Naphthalene (C11.7)

R.T.: 6.149 min
Delta R.T.: -0.020 min
Response: 3377412
Conc: 19.75 ug/ml



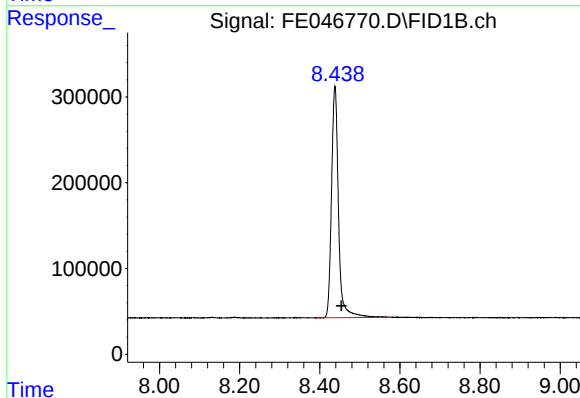
#4 n-Dodecane (C12)

R.T.: 6.611 min
Delta R.T.: -0.015 min
Response: 3343288
Conc: 20.21 ug/ml



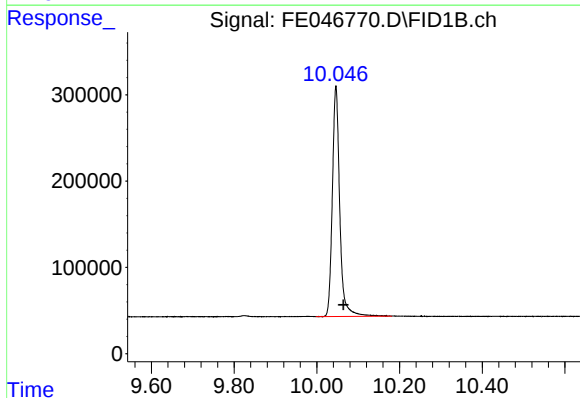
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.245 min
Delta R.T.: -0.022 min
Response: 3086800
Conc: 19.35 ug/ml



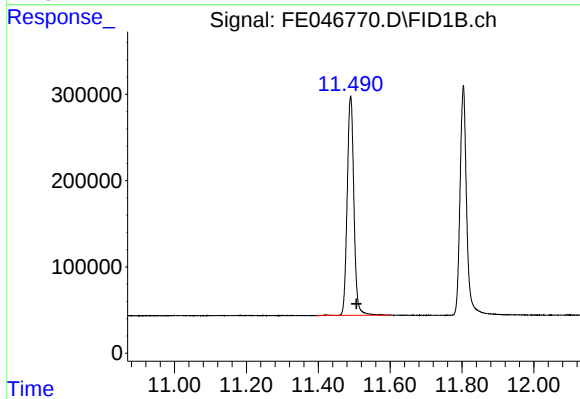
#6 n-Tetradecane (C14)

R.T.: 8.438 min
Delta R.T.: -0.016 min
Response: 3258175
Conc: 19.88 ug/ml



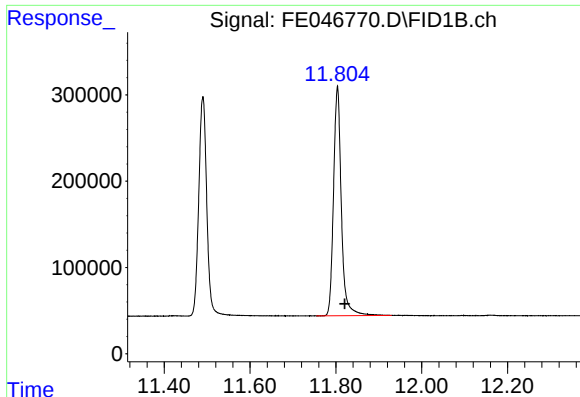
#7 n-Hexadecane (C16)

R.T.: 10.046 min
Delta R.T.: -0.018 min
Response: 3309211
Conc: 19.37 ug/ml



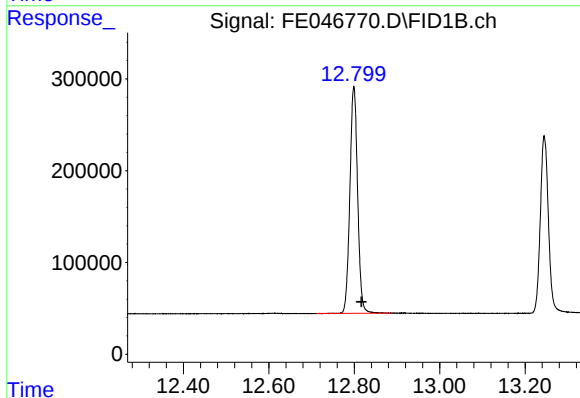
#8 n-Octadecane (C18)

R.T.: 11.490 min
Delta R.T.: -0.016 min
Response: 3301661
Conc: 18.94 ug/ml



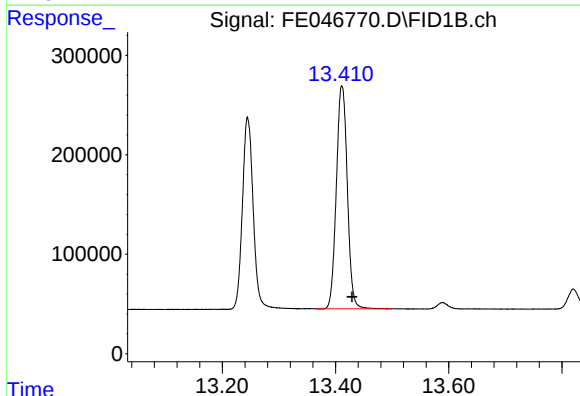
#9 ortho-Terphenyl (SURR)

R.T.: 11.804 min
Delta R.T.: -0.016 min
Response: 3365655
Conc: 18.20 ug/ml



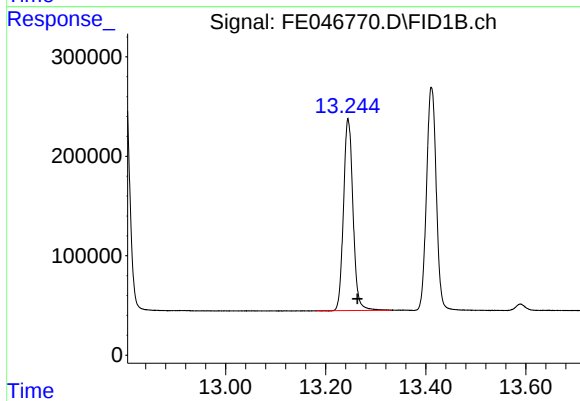
#10 n-Eicosane (C20)

R.T.: 12.799 min
Delta R.T.: -0.018 min
Response: 3112010
Conc: 18.33 ug/ml



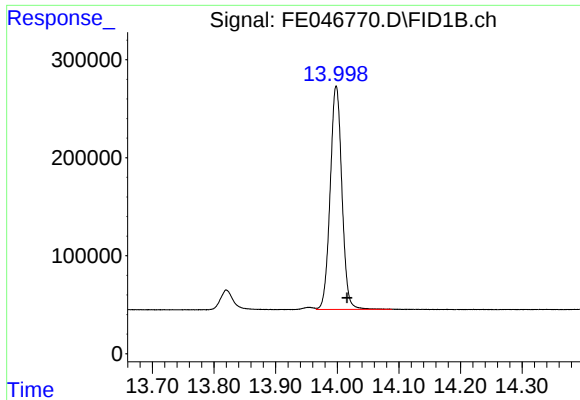
#11 n-Heneicosane (C21)

R.T.: 13.411 min
Delta R.T.: -0.018 min
Response: 3021962
Conc: 18.12 ug/ml



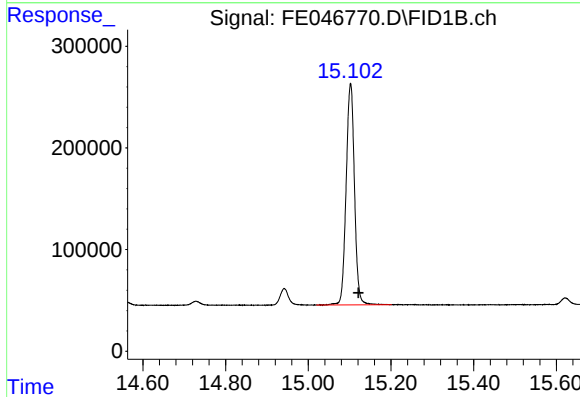
#12 1-chlorooctadecane (SURR)

R.T.: 13.245 min
Delta R.T.: -0.019 min
Response: 2546298
Conc: 17.90 ug/ml



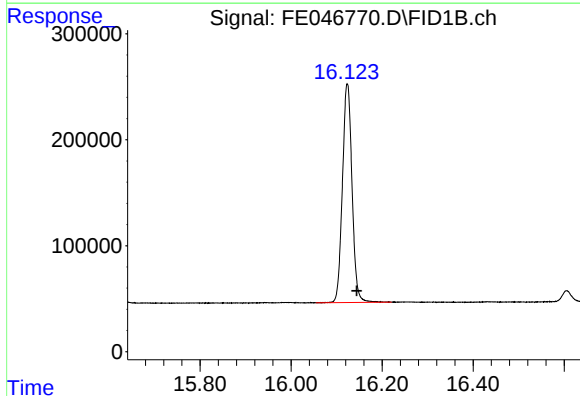
#13 n-Docosane (C22)

R.T.: 13.998 min
Delta R.T.: -0.018 min
Response: 3011818
Conc: 18.18 ug/ml



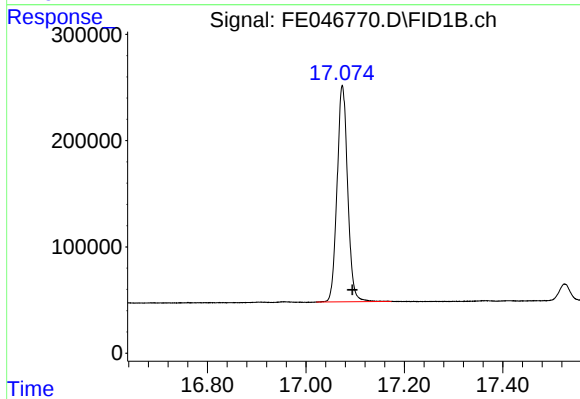
#14 n-Tetracosane (C24)

R.T.: 15.102 min
Delta R.T.: -0.019 min
Response: 3049328
Conc: 18.48 ug/ml



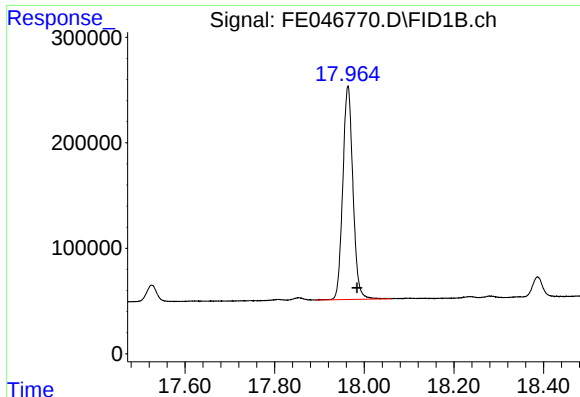
#15 n-Hexacosane (C26)

R.T.: 16.124 min
Delta R.T.: -0.020 min
Response: 3021953
Conc: 18.72 ug/ml



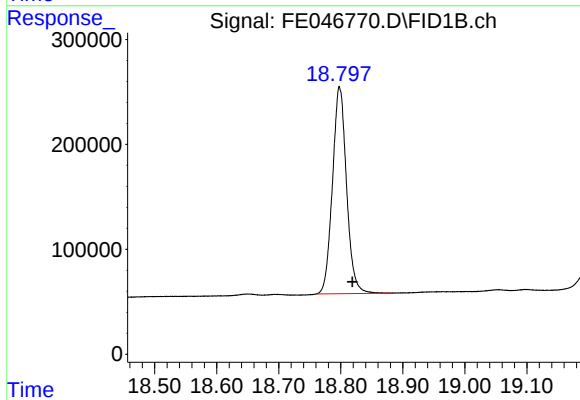
#16 n-Octacosane (C28)

R.T.: 17.074 min
Delta R.T.: -0.021 min
Response: 3040886
Conc: 19.37 ug/ml



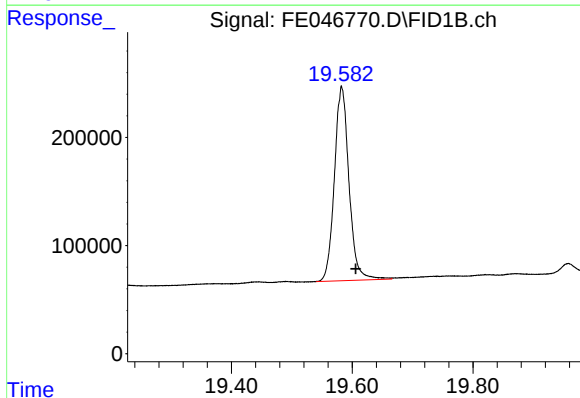
#17 n-Tricontane (C30)

R.T.: 17.964 min
Delta R.T.: -0.020 min
Response: 3185261
Conc: 20.34 ug/ml



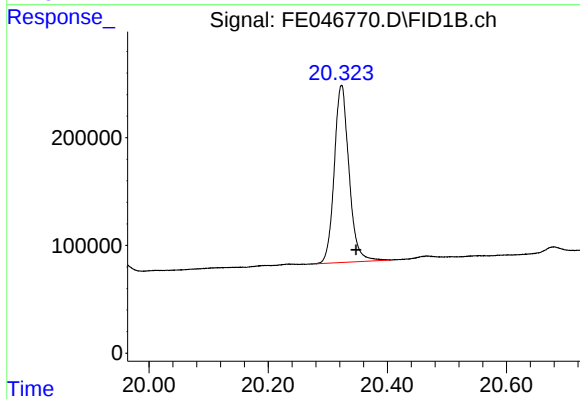
#18 n-Dotriacontane (C32)

R.T.: 18.798 min
Delta R.T.: -0.021 min
Response: 3110944
Conc: 20.58 ug/ml



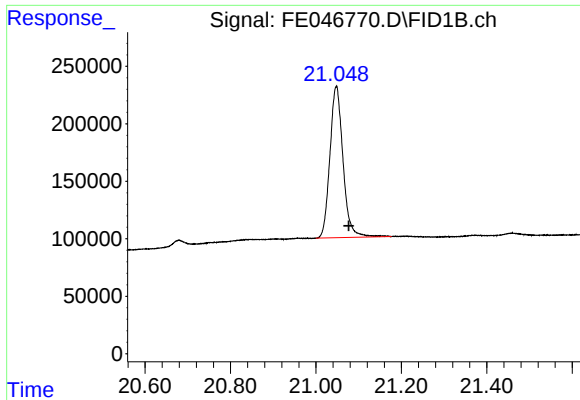
#19 n-Tetratriacontane (C34)

R.T.: 19.583 min
Delta R.T.: -0.023 min
Response: 3014488
Conc: 21.25 ug/ml



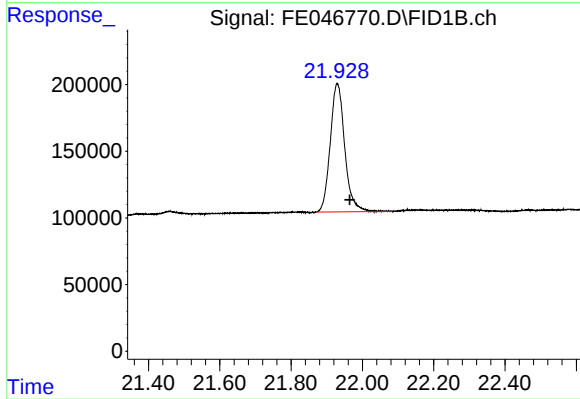
#20 n-Hexatriacontane (C36)

R.T.: 20.323 min
Delta R.T.: -0.024 min
Response: 2828268
Conc: 20.52 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.048 min
Delta R.T.: -0.029 min
Response: 2805202
Conc: 21.88 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.929 min
Delta R.T.: -0.035 min
Response: 2709622
Conc: 21.67 ug/ml