

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE021424AL\
 Data File : FE046765.D
 Signal(s) : FID1B.ch
 Acq On : 14 Feb 2024 08:46
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 14 10:18:14 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	3415604	18.472 ug/ml
Spiked Amount 50.000		Recovery =	36.94%
12) S 1-chlorooctadecane (S...	13.247	2590156	18.205 ug/ml
Spiked Amount 50.000		Recovery =	36.41%
Target Compounds			
1) T n-Nonane (C9)	3.194	3184207	19.713 ug/mlm
2) T n-Decane (C10)	4.445	3344564	20.408 ug/ml
3) T A~Naphthalene (C11.7)	6.150	3408002	19.930 ug/ml
4) T n-Dodecane (C12)	6.613	3372591	20.389 ug/ml
5) T A~2-methylnaphthalene...	7.247	3152835	19.768 ug/ml
6) T n-Tetradecane (C14)	8.439	3301341	20.143 ug/ml
7) T n-Hexadecane (C16)	10.047	3357643	19.649 ug/ml
8) T n-Octadecane (C18)	11.491	3360031	19.273 ug/ml
10) T n-Eicosane (C20)	12.801	3164689	18.639 ug/ml
11) T n-Heneicosane (C21)	13.414	3067373	18.391 ug/ml
13) T n-Docosane (C22)	14.001	3062005	18.483 ug/ml
14) T n-Tetracosane (C24)	15.104	3080904	18.672 ug/ml
15) T n-Hexacosane (C26)	16.126	3054345	18.924 ug/ml
16) T n-Octacosane (C28)	17.077	3068722	19.548 ug/ml
17) T n-Tricontane (C30)	17.966	3208442	20.484 ug/ml
18) T n-Dotriacontane (C32)	18.799	3138437	20.762 ug/ml
19) T n-Tetratriacontane (C34)	19.585	2991594	21.092 ug/mlm
20) T n-Hexatriacontane (C36)	20.325	2864394	20.780 ug/mlm
21) T n-Octatriacontane (C38)	21.052	2887388	22.523 ug/ml
22) T n-Tetracontane (C40)	21.933	2818001	22.537 ug/mlm

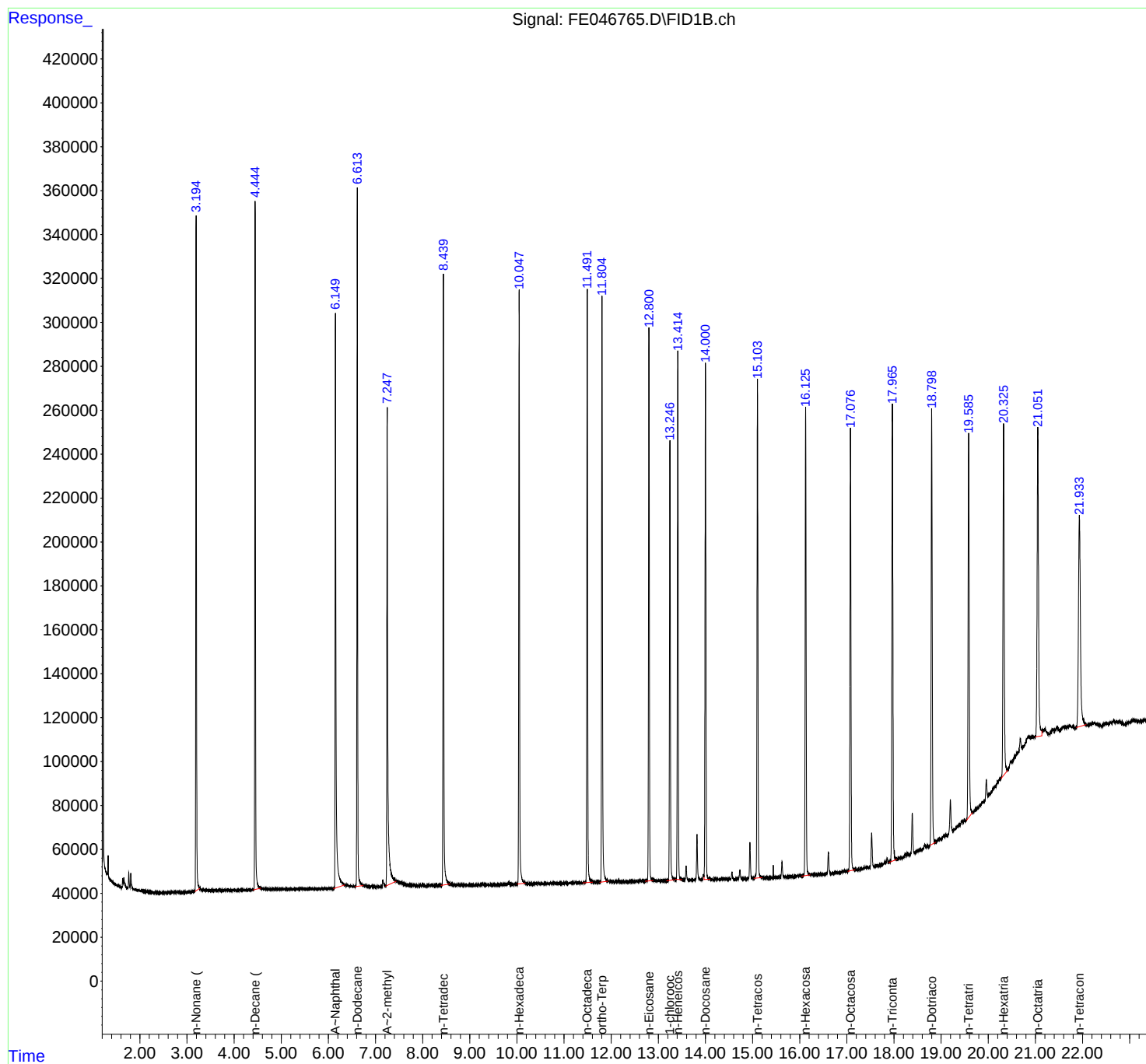
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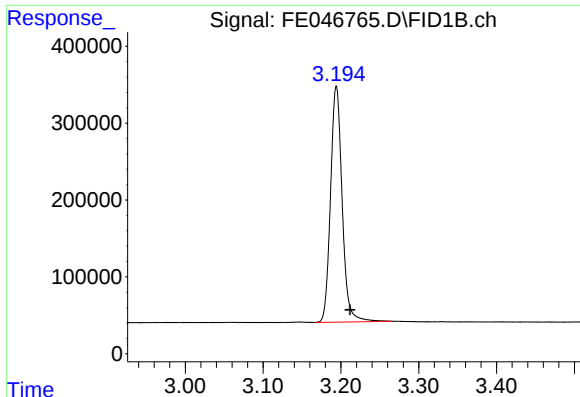
(m)=manual int.

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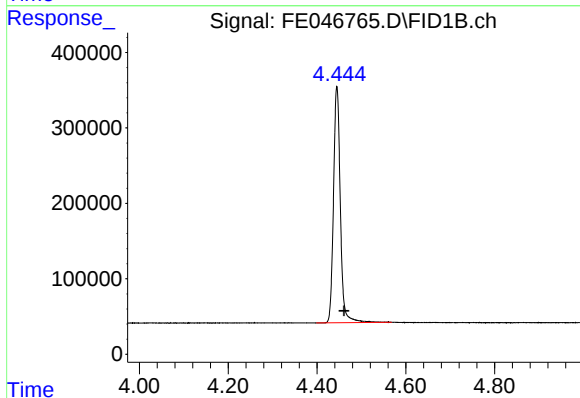
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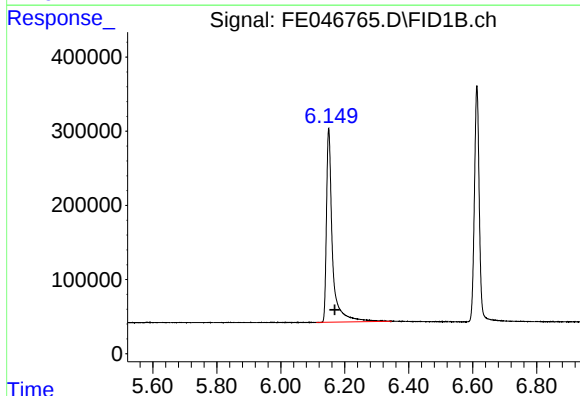
#1 n-Nonane (C9)

R.T.: 3.194 min
Delta R.T.: -0.018 min
Response: 3184207
Conc: 19.71 ug/ml m



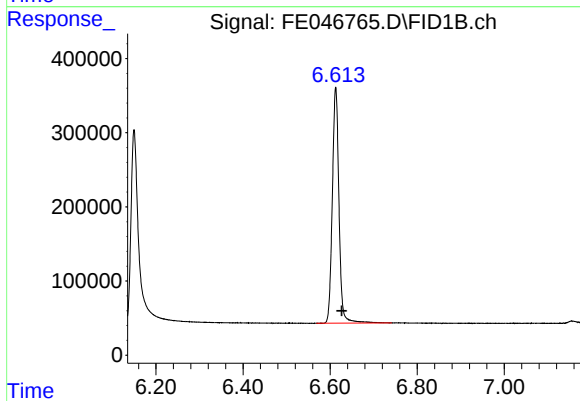
#2 n-Decane (C10)

R.T.: 4.445 min
Delta R.T.: -0.016 min
Response: 3344564
Conc: 20.41 ug/ml



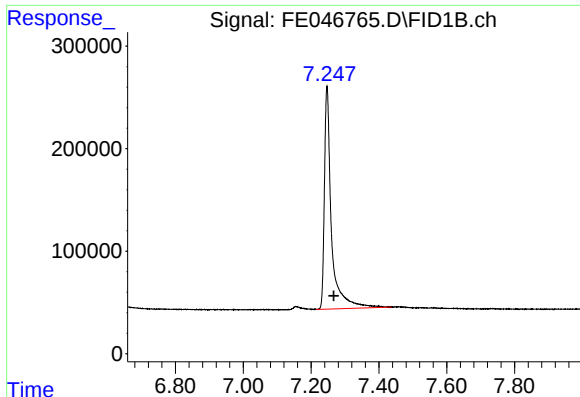
#3 A~Naphthalene (C11.7)

R.T.: 6.150 min
Delta R.T.: -0.019 min
Response: 3408002
Conc: 19.93 ug/ml



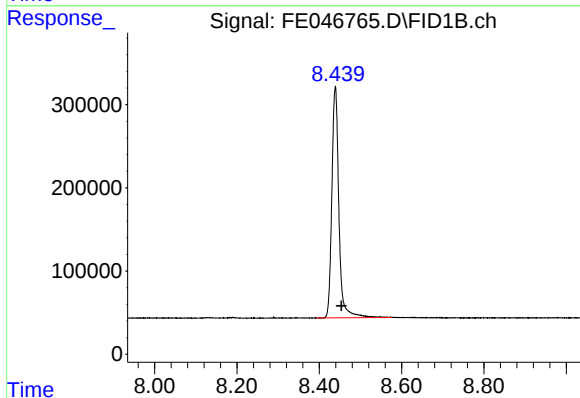
#4 n-Dodecane (C12)

R.T.: 6.613 min
Delta R.T.: -0.014 min
Response: 3372591
Conc: 20.39 ug/ml



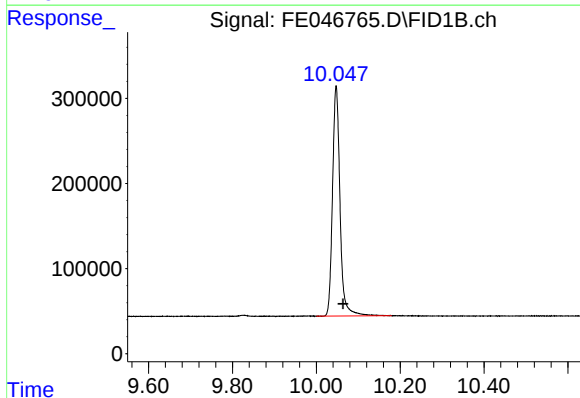
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.247 min
Delta R.T.: -0.020 min
Response: 3152835
Conc: 19.77 ug/ml



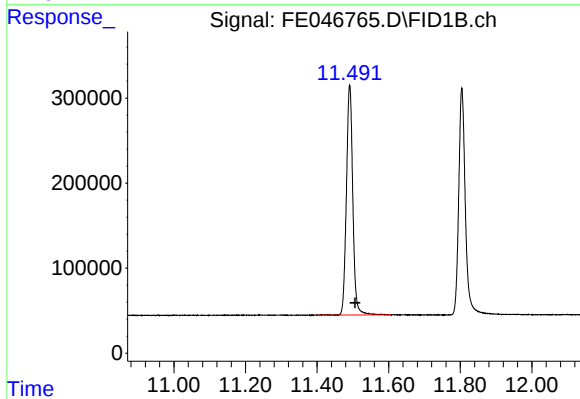
#6 n-Tetradecane (C14)

R.T.: 8.439 min
Delta R.T.: -0.015 min
Response: 3301341
Conc: 20.14 ug/ml



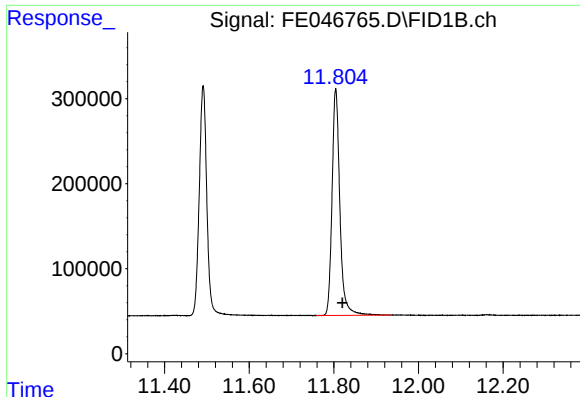
#7 n-Hexadecane (C16)

R.T.: 10.047 min
Delta R.T.: -0.017 min
Response: 3357643
Conc: 19.65 ug/ml



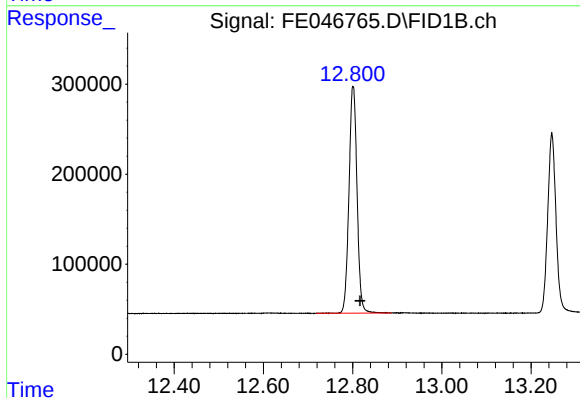
#8 n-Octadecane (C18)

R.T.: 11.491 min
Delta R.T.: -0.015 min
Response: 3360031
Conc: 19.27 ug/ml



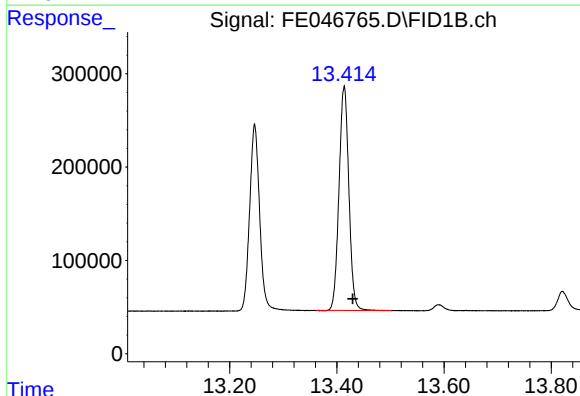
#9 ortho-Terphenyl (SURR)

R.T.: 11.804 min
Delta R.T.: -0.016 min
Response: 3415604
Conc: 18.47 ug/ml



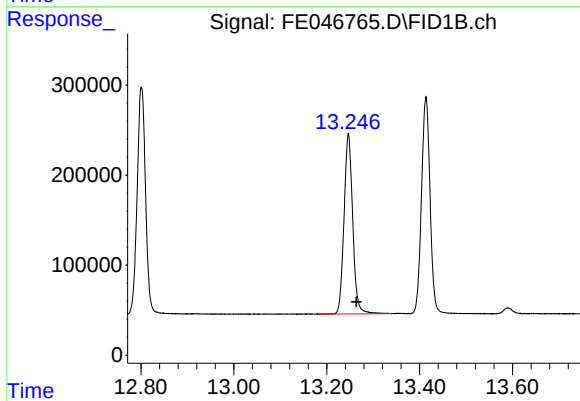
#10 n-Eicosane (C20)

R.T.: 12.801 min
Delta R.T.: -0.016 min
Response: 3164689
Conc: 18.64 ug/ml



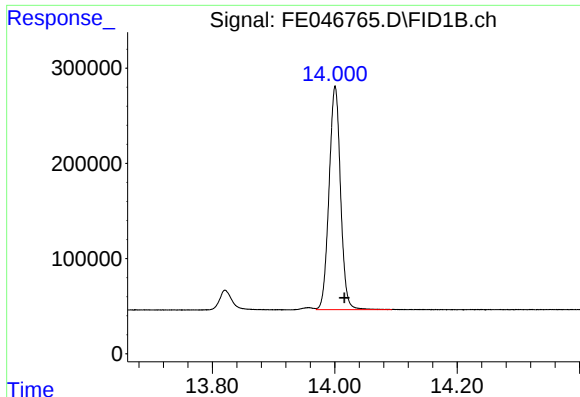
#11 n-Heneicosane (C21)

R.T.: 13.414 min
Delta R.T.: -0.016 min
Response: 3067373
Conc: 18.39 ug/ml



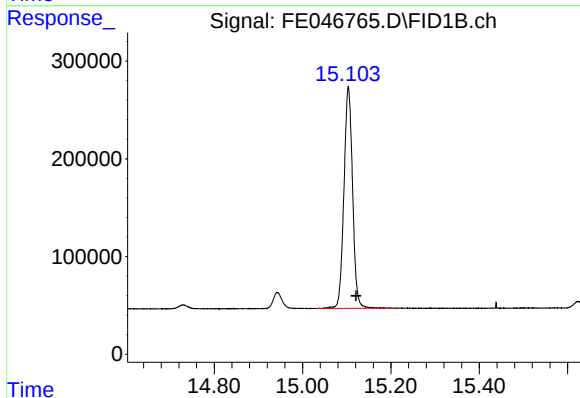
#12 1-chlorooctadecane (SURR)

R.T.: 13.247 min
Delta R.T.: -0.017 min
Response: 2590156
Conc: 18.21 ug/ml



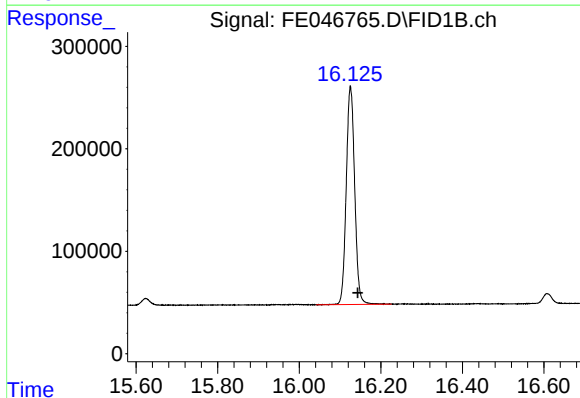
#13 n-Docosane (C22)

R.T.: 14.001 min
Delta R.T.: -0.015 min
Response: 3062005
Conc: 18.48 ug/ml



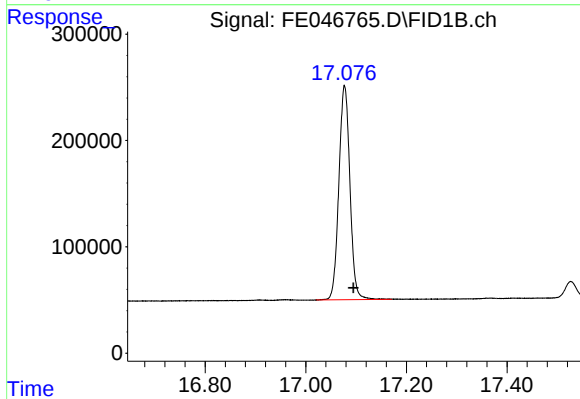
#14 n-Tetracosane (C24)

R.T.: 15.104 min
Delta R.T.: -0.017 min
Response: 3080904
Conc: 18.67 ug/ml



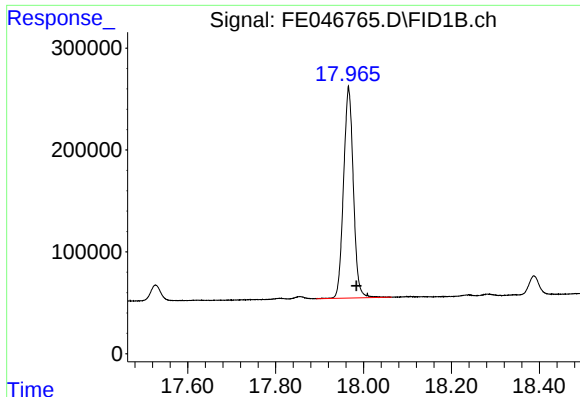
#15 n-Hexacosane (C26)

R.T.: 16.126 min
Delta R.T.: -0.018 min
Response: 3054345
Conc: 18.92 ug/ml



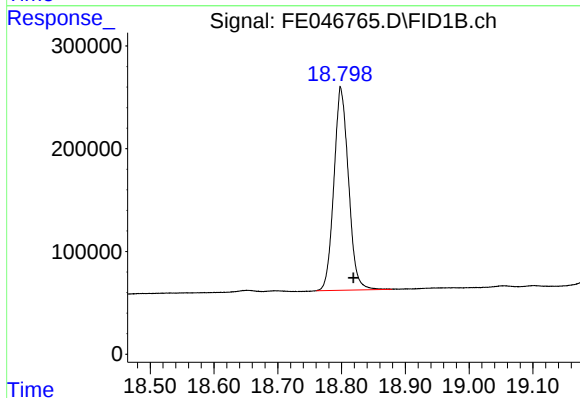
#16 n-Octacosane (C28)

R.T.: 17.077 min
Delta R.T.: -0.018 min
Response: 3068722
Conc: 19.55 ug/ml



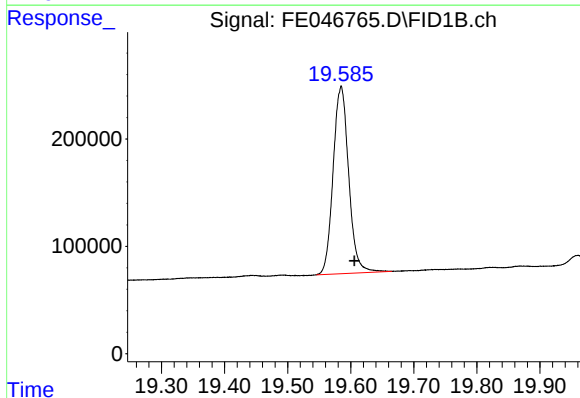
#17 n-Tricontane (C30)

R.T.: 17.966 min
Delta R.T.: -0.018 min
Response: 3208442
Conc: 20.48 ug/ml



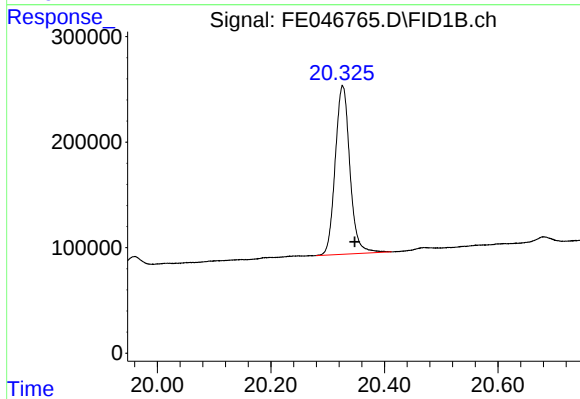
#18 n-Dotriacontane (C32)

R.T.: 18.799 min
Delta R.T.: -0.020 min
Response: 3138437
Conc: 20.76 ug/ml



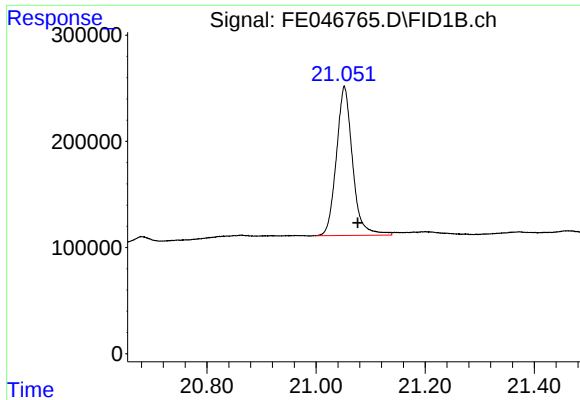
#19 n-Tetratriacontane (C34)

R.T.: 19.585 min
Delta R.T.: -0.021 min
Response: 2991594
Conc: 21.09 ug/ml m



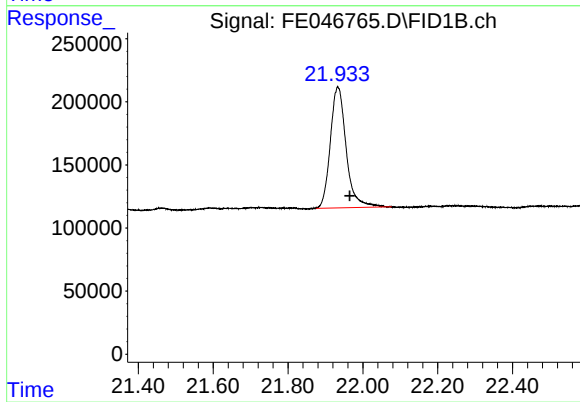
#20 n-Hexatriacontane (C36)

R.T.: 20.325 min
Delta R.T.: -0.022 min
Response: 2864394
Conc: 20.78 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 21.052 min
Delta R.T.: -0.025 min
Response: 2887388
Conc: 22.52 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.933 min
Delta R.T.: -0.032 min
Response: 2818001
Conc: 22.54 ug/ml m