

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE102423AL\
 Data File : FE045000.D
 Signal(s) : FID1B.ch
 Acq On : 24 Oct 2023 13:13
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Oct 25 01:06:05 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 101223.M
 Quant Title : GC Extractables
 QLast Update : Thu Oct 12 06:15:32 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)	11.896	3859400	19.252 ug/ml
Spiked Amount 50.000		Recovery =	38.50%
12) S 1-chlorooctadecane (S...	13.337	2757235	18.632 ug/ml
Spiked Amount 50.000		Recovery =	37.26%
Target Compounds			
1) T n-Nonane (C9)	3.283	3170665	18.901 ug/ml
2) T n-Decane (C10)	4.534	3333888	19.571 ug/ml
3) T A~Naphthalene (C11.7)	6.234	3572411	19.298 ug/ml
4) T n-Dodecane (C12)	6.700	3363169	19.483 ug/ml
5) T A~2-methylnaphthalene...	7.330	3440267	19.071 ug/ml
6) T n-Tetradecane (C14)	8.526	3312396	19.317 ug/ml
7) T n-Hexadecane (C16)	10.136	3372671	19.287 ug/ml
8) T n-Octadecane (C18)	11.582	3369460	19.319 ug/ml
10) T n-Eicosane (C20)	12.892	3204467	19.185 ug/ml
11) T n-Heneicosane (C21)	13.505	3107579	19.064 ug/ml
13) T n-Docosane (C22)	14.092	3090239	19.320 ug/ml
14) T n-Tetracosane (C24)	15.197	3082878	19.864 ug/ml
15) T n-Hexacosane (C26)	16.219	3078788	20.507 ug/ml
16) T n-Octacosane (C28)	17.170	3197119	21.772 ug/ml
17) T n-Tricontane (C30)	18.060	3468235	23.319 ug/ml
18) T n-Dotriacontane (C32)	18.895	3594452	23.948 ug/ml
19) T n-Tetratriacontane (C34)	19.679	3420533	22.978 ug/ml
20) T n-Hexatriacontane (C36)	20.420	3521674	22.907 ug/ml
21) T n-Octatriacontane (C38)	21.159	3422798	21.911 ug/mlm
22) T n-Tetracontane (C40)	22.073	3512984	21.020 ug/ml

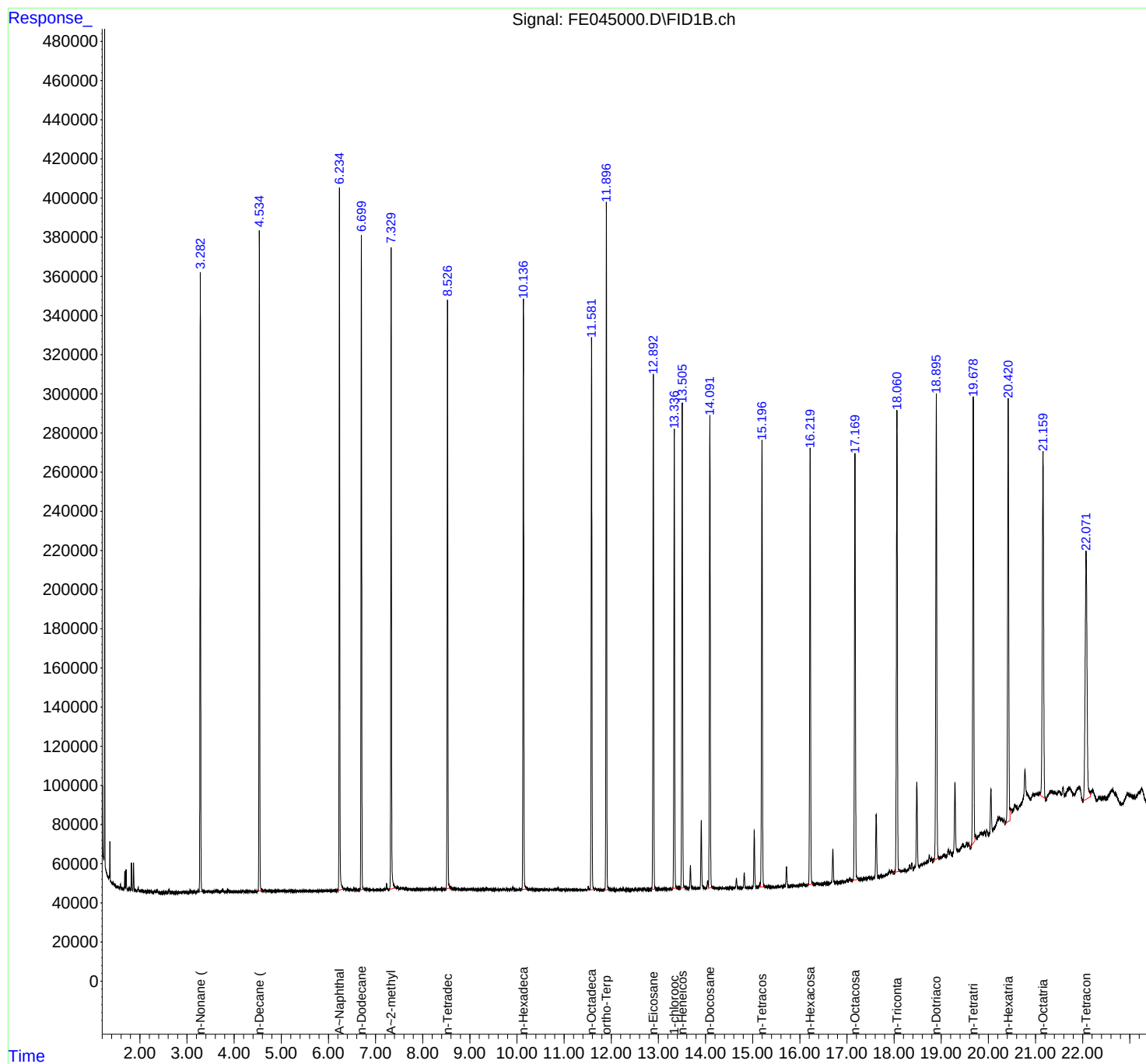
(f)=RT Delta > 1/2 Window

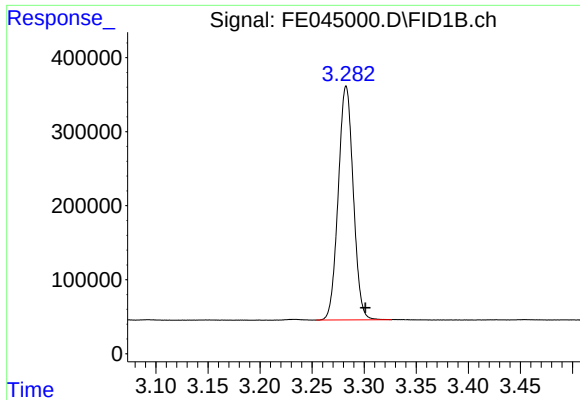
(m)=manual int.

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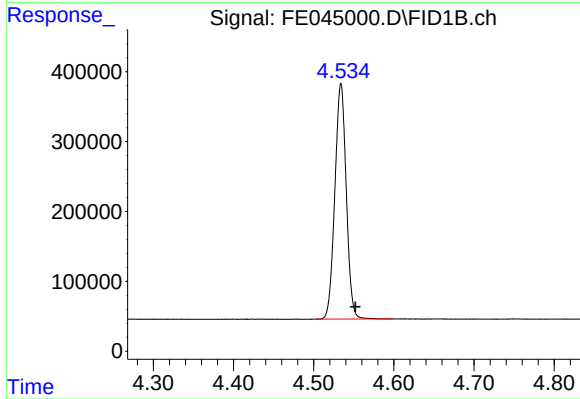
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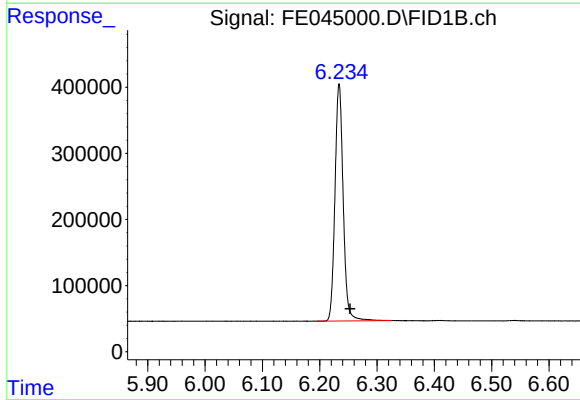
#1 n-Nonane (C9)

R.T.: 3.283 min
Delta R.T.: -0.018 min
Response: 3170665
Conc: 18.90 ug/ml



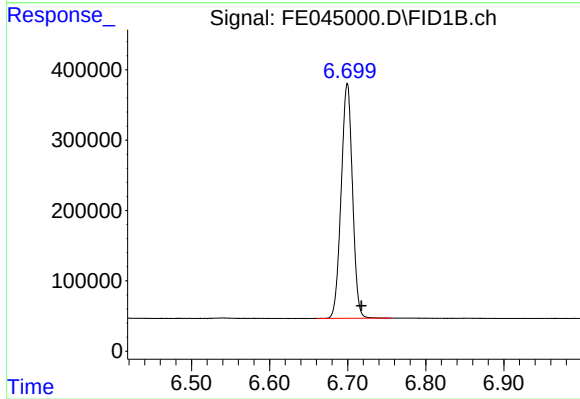
#2 n-Decane (C10)

R.T.: 4.534 min
Delta R.T.: -0.018 min
Response: 3333888
Conc: 19.57 ug/ml



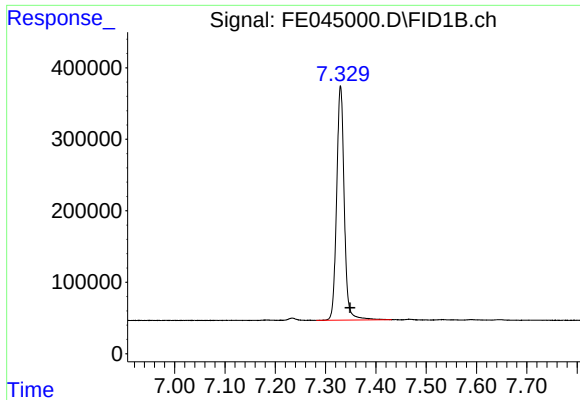
#3 A~Naphthalene (C11.7)

R.T.: 6.234 min
Delta R.T.: -0.019 min
Response: 3572411
Conc: 19.30 ug/ml



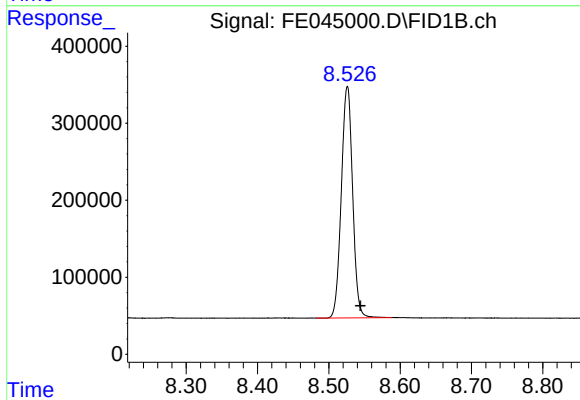
#4 n-Dodecane (C12)

R.T.: 6.700 min
Delta R.T.: -0.018 min
Response: 3363169
Conc: 19.48 ug/ml



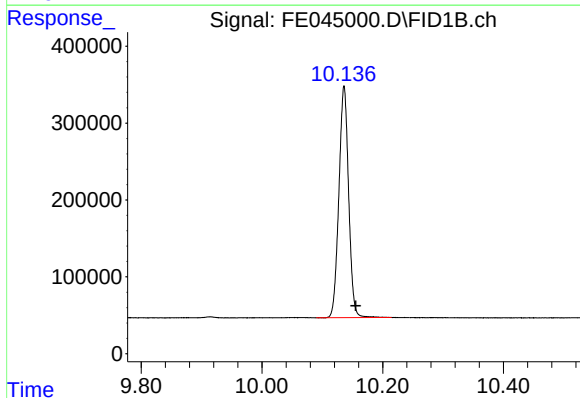
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.330 min
Delta R.T.: -0.019 min
Response: 3440267
Conc: 19.07 ug/ml



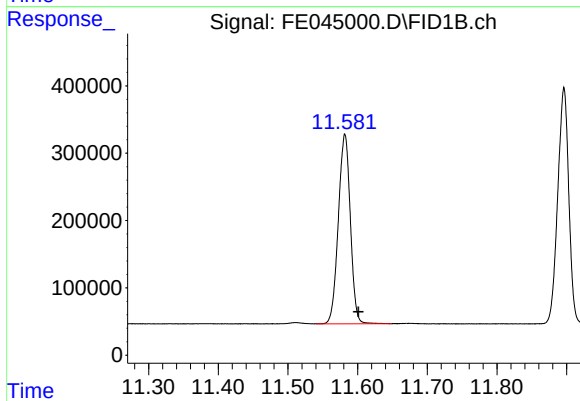
#6 n-Tetradecane (C14)

R.T.: 8.526 min
Delta R.T.: -0.018 min
Response: 3312396
Conc: 19.32 ug/ml



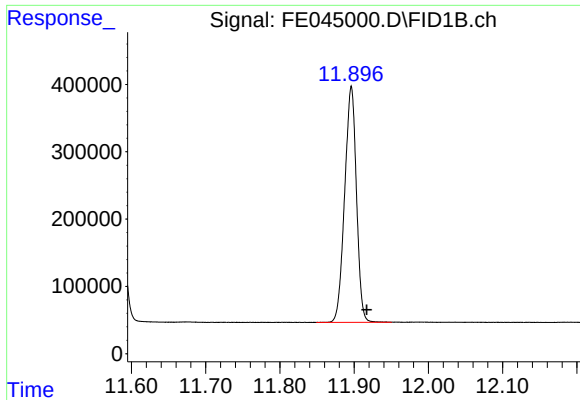
#7 n-Hexadecane (C16)

R.T.: 10.136 min
Delta R.T.: -0.019 min
Response: 3372671
Conc: 19.29 ug/ml



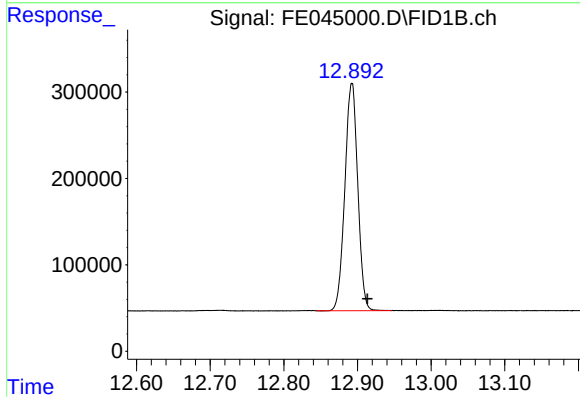
#8 n-Octadecane (C18)

R.T.: 11.582 min
Delta R.T.: -0.019 min
Response: 3369460
Conc: 19.32 ug/ml



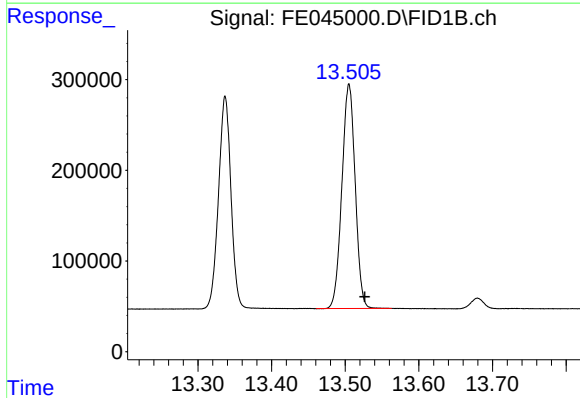
#9 ortho-Terphenyl (SURR)

R.T.: 11.896 min
Delta R.T.: -0.021 min
Response: 3859400
Conc: 19.25 ug/ml



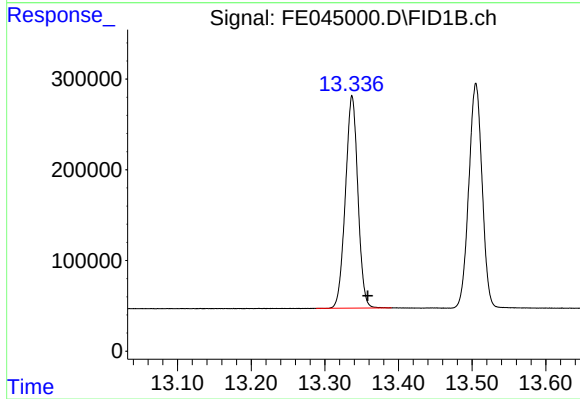
#10 n-Eicosane (C20)

R.T.: 12.892 min
Delta R.T.: -0.021 min
Response: 3204467
Conc: 19.18 ug/ml



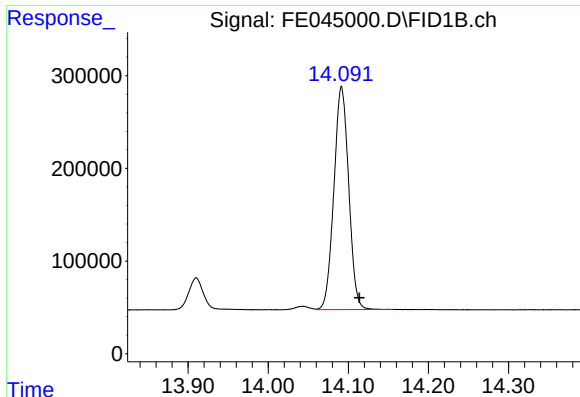
#11 n-Heneicosane (C21)

R.T.: 13.505 min
Delta R.T.: -0.021 min
Response: 3107579
Conc: 19.06 ug/ml



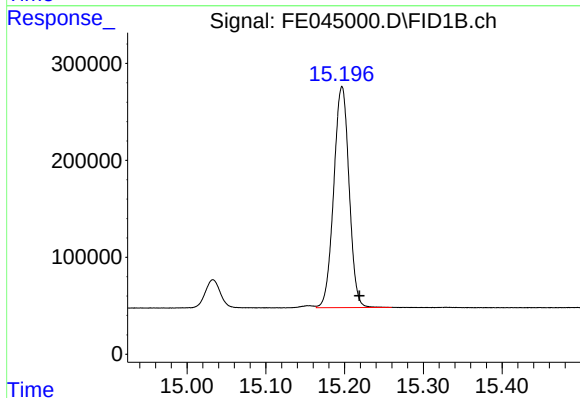
#12 1-chlorooctadecane (SURR)

R.T.: 13.337 min
Delta R.T.: -0.021 min
Response: 2757235
Conc: 18.63 ug/ml



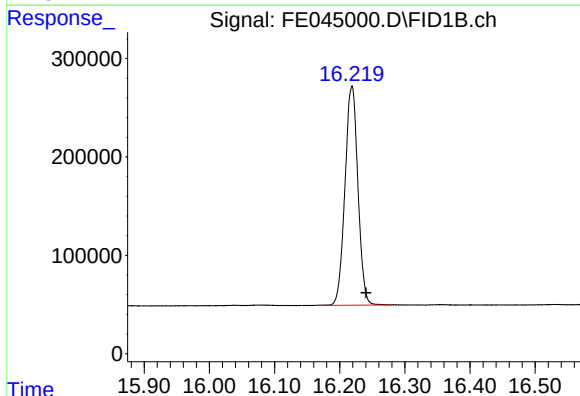
#13 n-Docosane (C22)

R.T.: 14.092 min
Delta R.T.: -0.022 min
Response: 3090239
Conc: 19.32 ug/ml



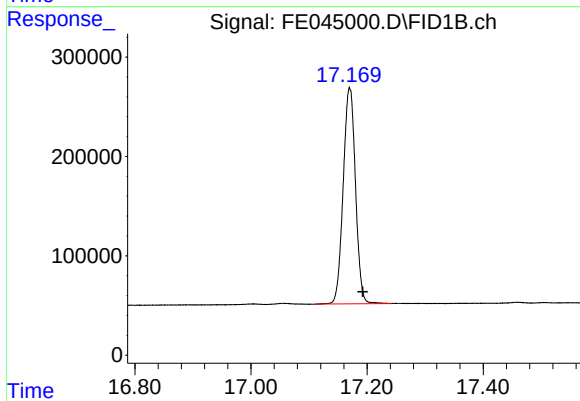
#14 n-Tetracosane (C24)

R.T.: 15.197 min
Delta R.T.: -0.022 min
Response: 3082878
Conc: 19.86 ug/ml



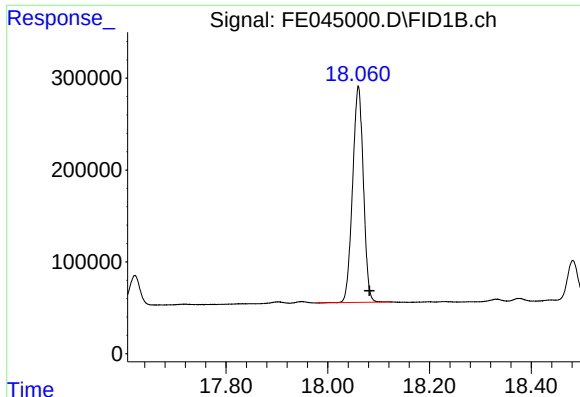
#15 n-Hexacosane (C26)

R.T.: 16.219 min
Delta R.T.: -0.022 min
Response: 3078788
Conc: 20.51 ug/ml



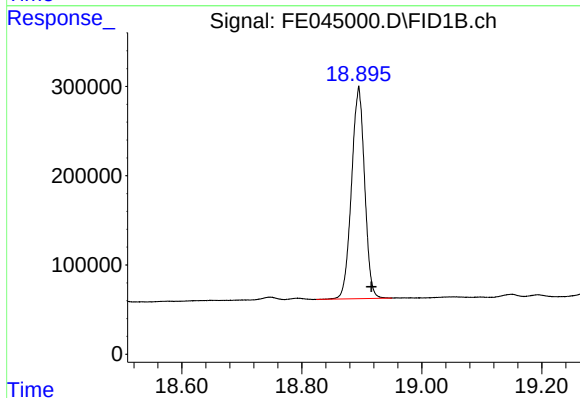
#16 n-Octacosane (C28)

R.T.: 17.170 min
Delta R.T.: -0.022 min
Response: 3197119
Conc: 21.77 ug/ml



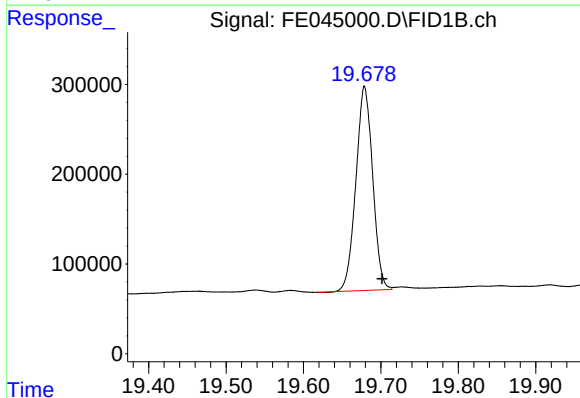
#17 n-Tricontane (C30)

R.T.: 18.060 min
Delta R.T.: -0.022 min
Response: 3468235
Conc: 23.32 ug/ml



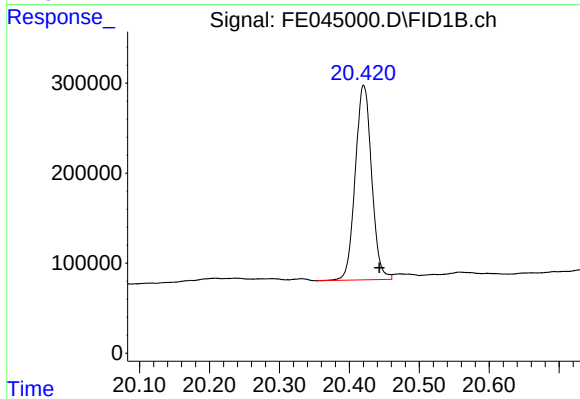
#18 n-Dotriacontane (C32)

R.T.: 18.895 min
Delta R.T.: -0.021 min
Response: 3594452
Conc: 23.95 ug/ml



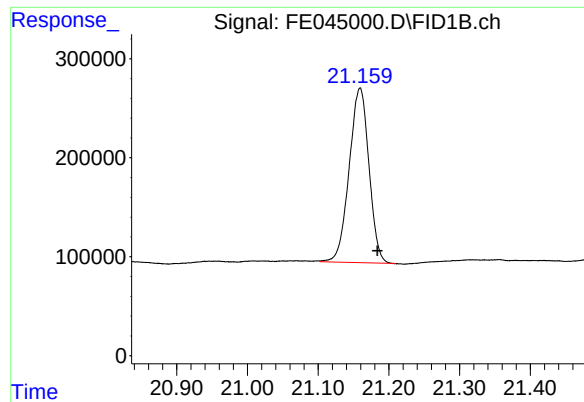
#19 n-Tetratriacontane (C34)

R.T.: 19.679 min
Delta R.T.: -0.023 min
Response: 3420533
Conc: 22.98 ug/ml



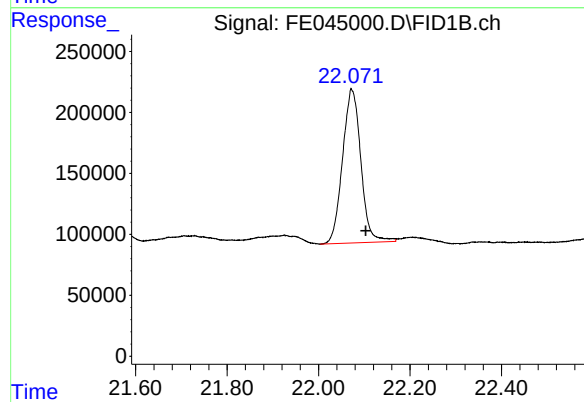
#20 n-Hexatriacontane (C36)

R.T.: 20.420 min
Delta R.T.: -0.022 min
Response: 3521674
Conc: 22.91 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.159 min
Delta R.T.: -0.025 min
Response: 3422798
Conc: 21.91 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 22.073 min
Delta R.T.: -0.031 min
Response: 3512984
Conc: 21.02 ug/ml