

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE102323AL\
 Data File : FE044993.D
 Signal(s) : FID1B.ch
 Acq On : 23 Oct 2023 20:10
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Oct 24 01:00:43 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)	11.895	3612765	18.022 ug/ml
Spiked Amount 50.000		Recovery =	36.04%
12) S 1-chlorooctadecane (S...	13.337	2602184	17.584 ug/ml
Spiked Amount 50.000		Recovery =	35.17%
Target Compounds			
1) T n-Nonane (C9)	3.282	3003335	17.903 ug/ml
2) T n-Decane (C10)	4.534	3085226	18.111 ug/ml
3) T A~Naphthalene (C11.7)	6.233	3307277	17.866 ug/ml
4) T n-Dodecane (C12)	6.699	3117959	18.063 ug/ml
5) T A~2-methylnaphthalene...	7.329	3187155	17.668 ug/ml
6) T n-Tetradecane (C14)	8.526	3100513	18.081 ug/ml
7) T n-Hexadecane (C16)	10.136	3170303	18.130 ug/ml
8) T n-Octadecane (C18)	11.581	3156923	18.100 ug/ml
10) T n-Eicosane (C20)	12.892	3019987	18.081 ug/ml
11) T n-Heneicosane (C21)	13.505	2912549	17.867 ug/ml
13) T n-Docosane (C22)	14.092	2932813	18.335 ug/ml
14) T n-Tetracosane (C24)	15.197	3018772	19.451 ug/ml
15) T n-Hexacosane (C26)	16.218	2991481	19.925 ug/ml
16) T n-Octacosane (C28)	17.170	3084856	21.008 ug/ml
17) T n-Tricontane (C30)	18.060	3248675	21.843 ug/ml
18) T n-Dotriacontane (C32)	18.895	3285765	21.891 ug/ml
19) T n-Tetratriacontane (C34)	19.681	3102405	20.841 ug/ml
20) T n-Hexatriacontane (C36)	20.420	3079171	20.028 ug/ml
21) T n-Octatriacontane (C38)	21.158	3195303	20.455 ug/ml
22) T n-Tetracontane (C40)	22.075	3089850	18.489 ug/ml

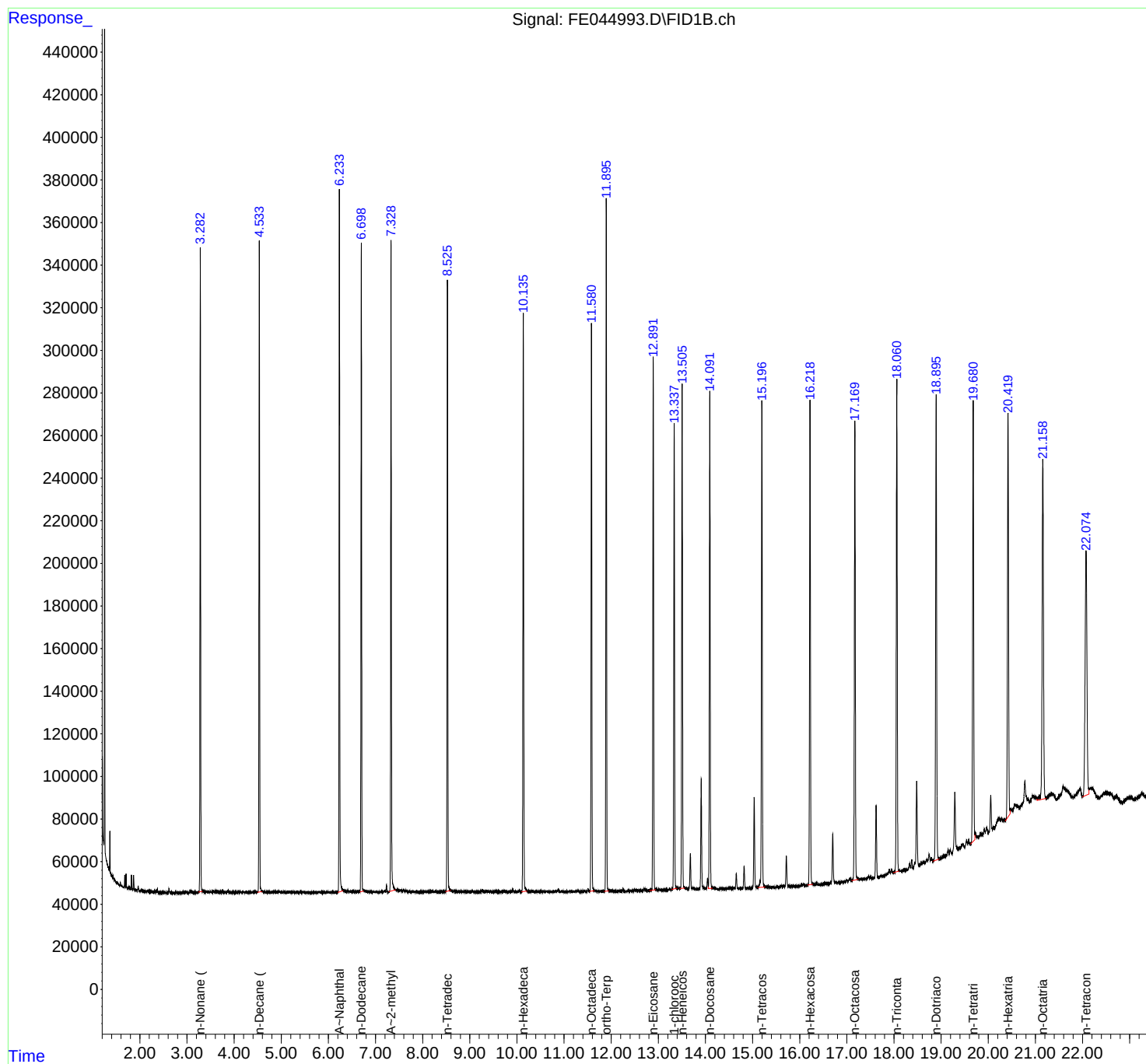
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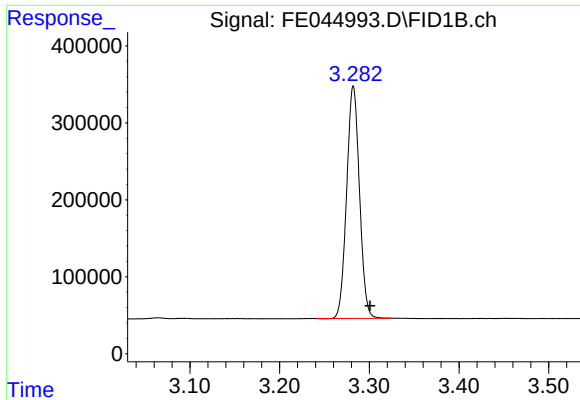
(m)=manual int.

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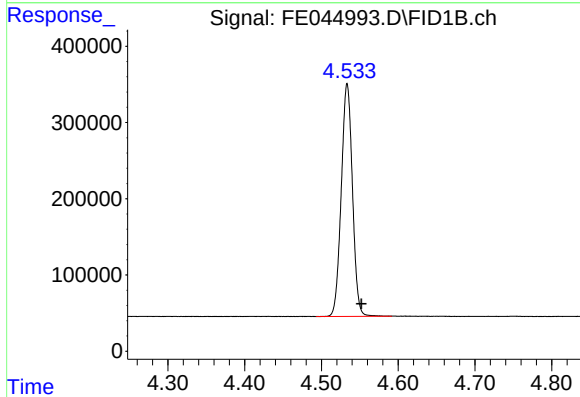
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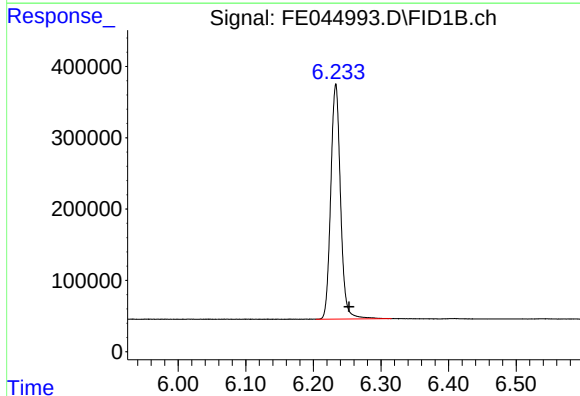
#1 n-Nonane (C9)

R.T.: 3.282 min
Delta R.T.: -0.019 min
Response: 3003335
Conc: 17.90 ug/ml



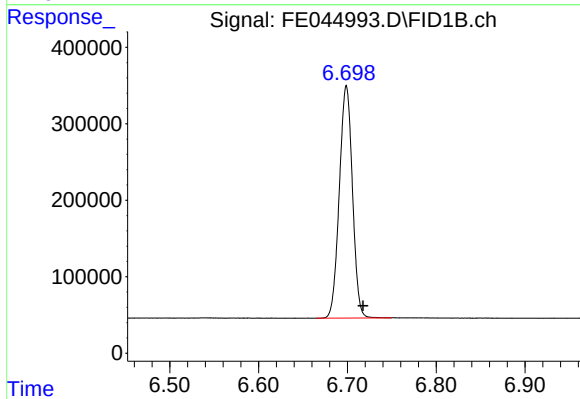
#2 n-Decane (C10)

R.T.: 4.534 min
Delta R.T.: -0.018 min
Response: 3085226
Conc: 18.11 ug/ml



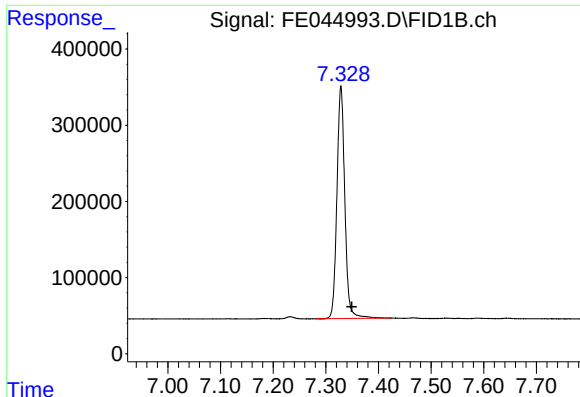
#3 A~Naphthalene (C11.7)

R.T.: 6.233 min
Delta R.T.: -0.020 min
Response: 3307277
Conc: 17.87 ug/ml



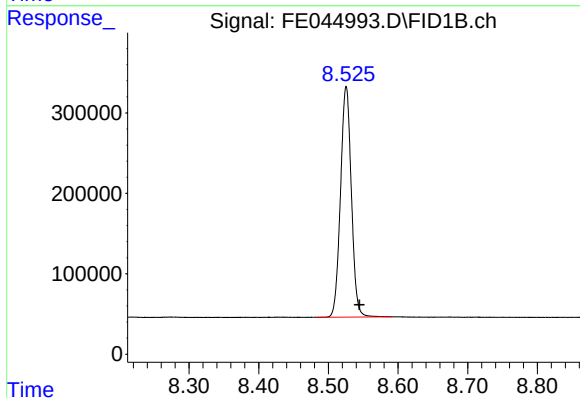
#4 n-Dodecane (C12)

R.T.: 6.699 min
Delta R.T.: -0.019 min
Response: 3117959
Conc: 18.06 ug/ml



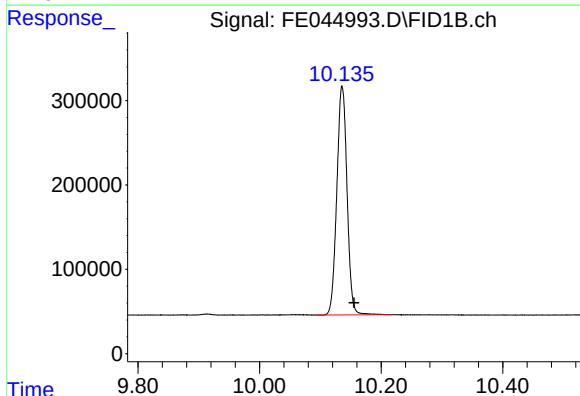
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.329 min
Delta R.T.: -0.020 min
Response: 3187155
Conc: 17.67 ug/ml



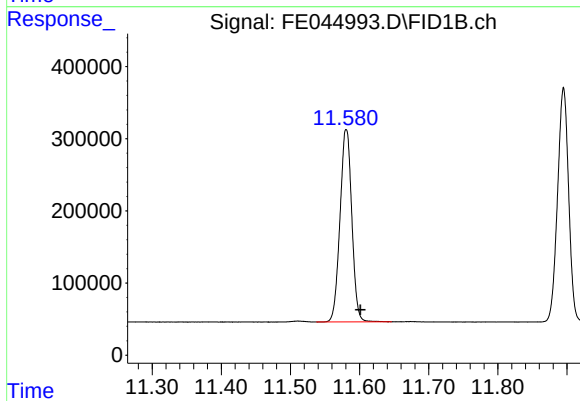
#6 n-Tetradecane (C14)

R.T.: 8.526 min
Delta R.T.: -0.019 min
Response: 3100513
Conc: 18.08 ug/ml



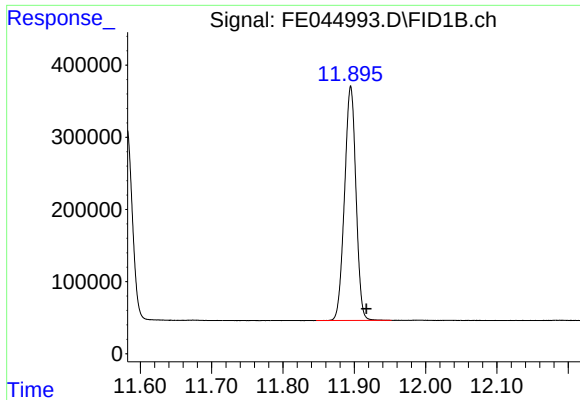
#7 n-Hexadecane (C16)

R.T.: 10.136 min
Delta R.T.: -0.019 min
Response: 3170303
Conc: 18.13 ug/ml



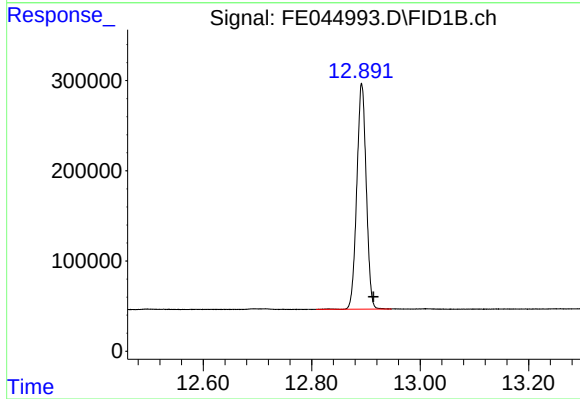
#8 n-Octadecane (C18)

R.T.: 11.581 min
Delta R.T.: -0.020 min
Response: 3156923
Conc: 18.10 ug/ml



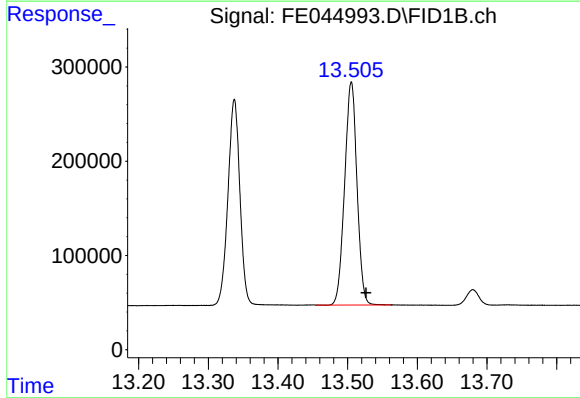
#9 ortho-Terphenyl (SURR)

R.T.: 11.895 min
Delta R.T.: -0.022 min
Response: 3612765
Conc: 18.02 ug/ml



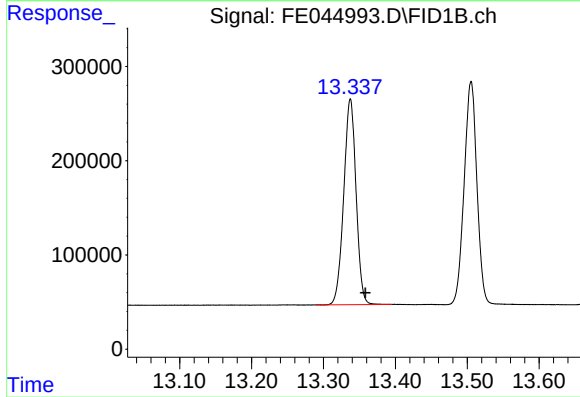
#10 n-Eicosane (C20)

R.T.: 12.892 min
Delta R.T.: -0.021 min
Response: 3019987
Conc: 18.08 ug/ml



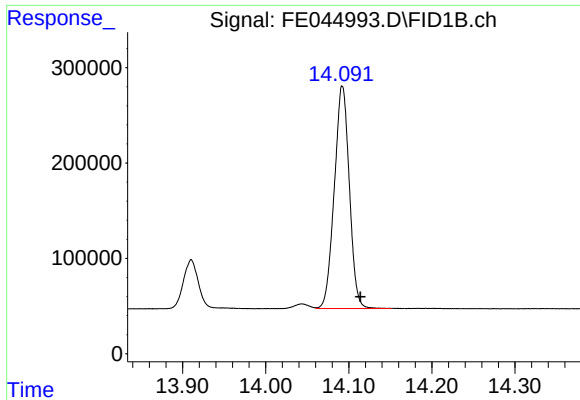
#11 n-Heneicosane (C21)

R.T.: 13.505 min
Delta R.T.: -0.021 min
Response: 2912549
Conc: 17.87 ug/ml



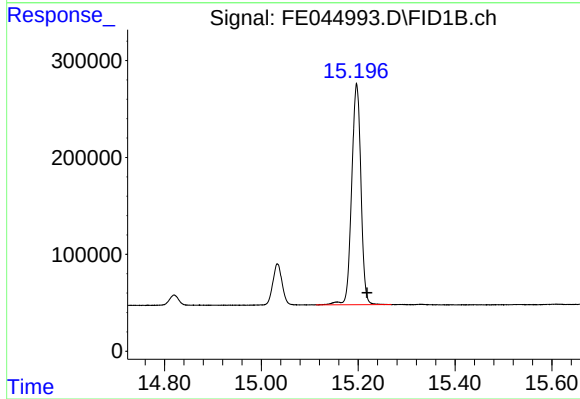
#12 1-chlorooctadecane (SURR)

R.T.: 13.337 min
Delta R.T.: -0.021 min
Response: 2602184
Conc: 17.58 ug/ml



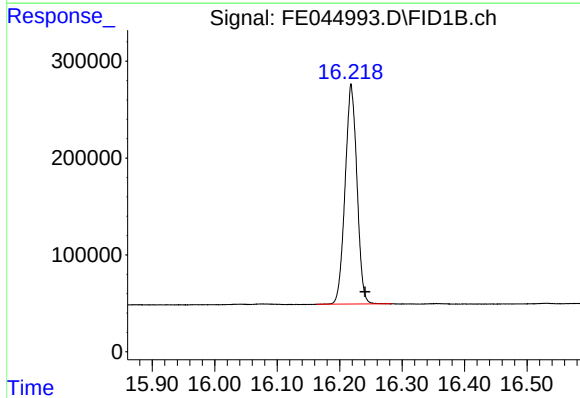
#13 n-Docosane (C22)

R.T.: 14.092 min
Delta R.T.: -0.022 min
Response: 2932813
Conc: 18.34 ug/ml



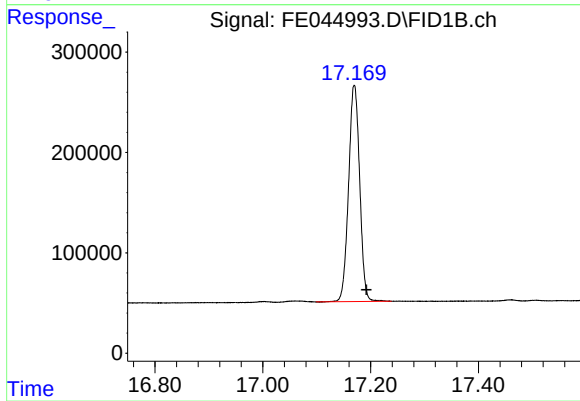
#14 n-Tetracosane (C24)

R.T.: 15.197 min
Delta R.T.: -0.022 min
Response: 3018772
Conc: 19.45 ug/ml



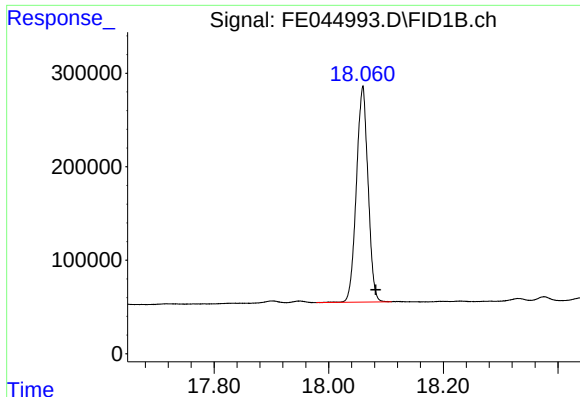
#15 n-Hexacosane (C26)

R.T.: 16.218 min
Delta R.T.: -0.022 min
Response: 2991481
Conc: 19.93 ug/ml



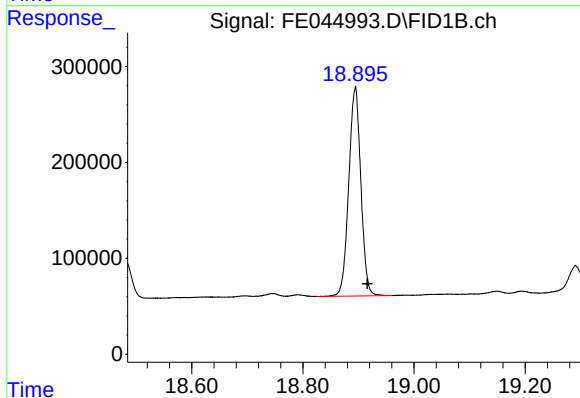
#16 n-Octacosane (C28)

R.T.: 17.170 min
Delta R.T.: -0.023 min
Response: 3084856
Conc: 21.01 ug/ml



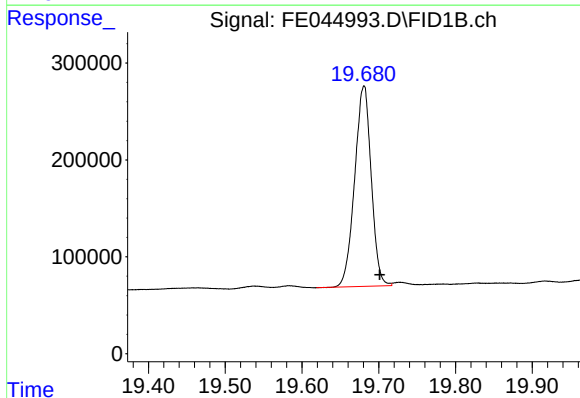
#17 n-Tricontane (C30)

R.T.: 18.060 min
Delta R.T.: -0.022 min
Response: 3248675
Conc: 21.84 ug/ml



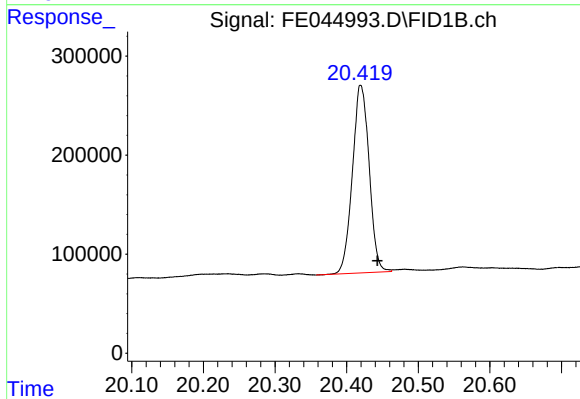
#18 n-Dotriacontane (C32)

R.T.: 18.895 min
Delta R.T.: -0.022 min
Response: 3285765
Conc: 21.89 ug/ml



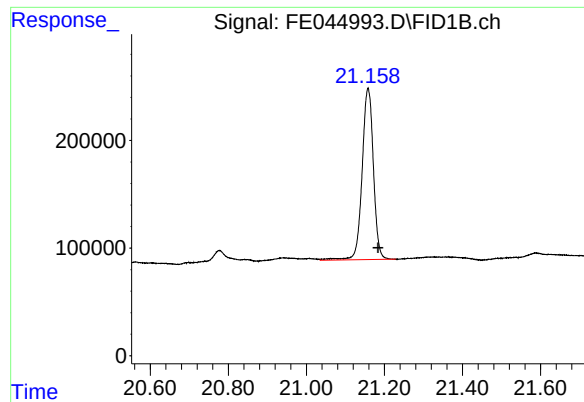
#19 n-Tetratriacontane (C34)

R.T.: 19.681 min
Delta R.T.: -0.021 min
Response: 3102405
Conc: 20.84 ug/ml



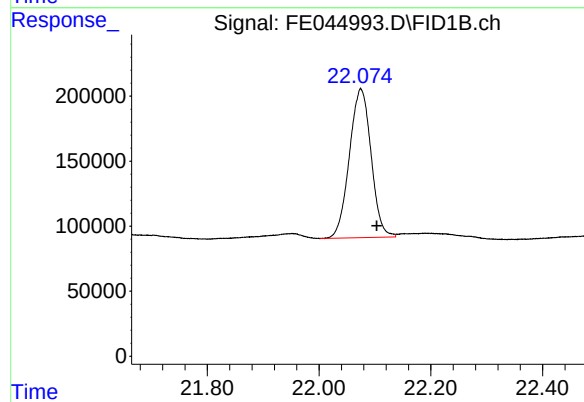
#20 n-Hexatriacontane (C36)

R.T.: 20.420 min
Delta R.T.: -0.023 min
Response: 3079171
Conc: 20.03 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.158 min
Delta R.T.: -0.026 min
Response: 3195303
Conc: 20.46 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.075 min
Delta R.T.: -0.029 min
Response: 3089850
Conc: 18.49 ug/ml