

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE102523AL\
 Data File : FE045023.D
 Signal(s) : FID1B.ch
 Acq On : 25 Oct 2023 08:28
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Oct 25 08:51:15 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)	11.899	3774748	18.830 ug/ml
Spiked Amount 50.000		Recovery =	37.66%
12) S 1-chlorooctadecane (S...	13.342	2762612	18.668 ug/ml
Spiked Amount 50.000		Recovery =	37.34%
Target Compounds			
1) T n-Nonane (C9)	3.283	3050784	18.186 ug/ml
2) T n-Decane (C10)	4.535	3208672	18.836 ug/ml
3) T A~Naphthalene (C11.7)	6.236	3471234	18.751 ug/ml
4) T n-Dodecane (C12)	6.701	3251412	18.836 ug/ml
5) T A~2-methylnaphthalene...	7.333	3365811	18.658 ug/ml
6) T n-Tetradecane (C14)	8.528	3227128	18.819 ug/ml
7) T n-Hexadecane (C16)	10.138	3302675	18.887 ug/ml
8) T n-Octadecane (C18)	11.584	3300117	18.921 ug/ml
10) T n-Eicosane (C20)	12.896	3166171	18.956 ug/ml
11) T n-Heneicosane (C21)	13.509	3069655	18.831 ug/ml
13) T n-Docosane (C22)	14.096	3062399	19.146 ug/ml
14) T n-Tetracosane (C24)	15.202	3051200	19.660 ug/ml
15) T n-Hexacosane (C26)	16.225	3041392	20.258 ug/ml
16) T n-Octacosane (C28)	17.177	3152783	21.470 ug/ml
17) T n-Tricontane (C30)	18.067	3423237	23.017 ug/ml
18) T n-Dotriacontane (C32)	18.901	3615342	24.087 ug/ml
19) T n-Tetratriacontane (C34)	19.686	3453205	23.197 ug/mlm
20) T n-Hexatriacontane (C36)	20.428	3368529	21.910 ug/mlm
21) T n-Octatriacontane (C38)	21.165	3538238	22.650 ug/mlm
22) T n-Tetracontane (C40)	22.088	3807955	22.785 ug/ml

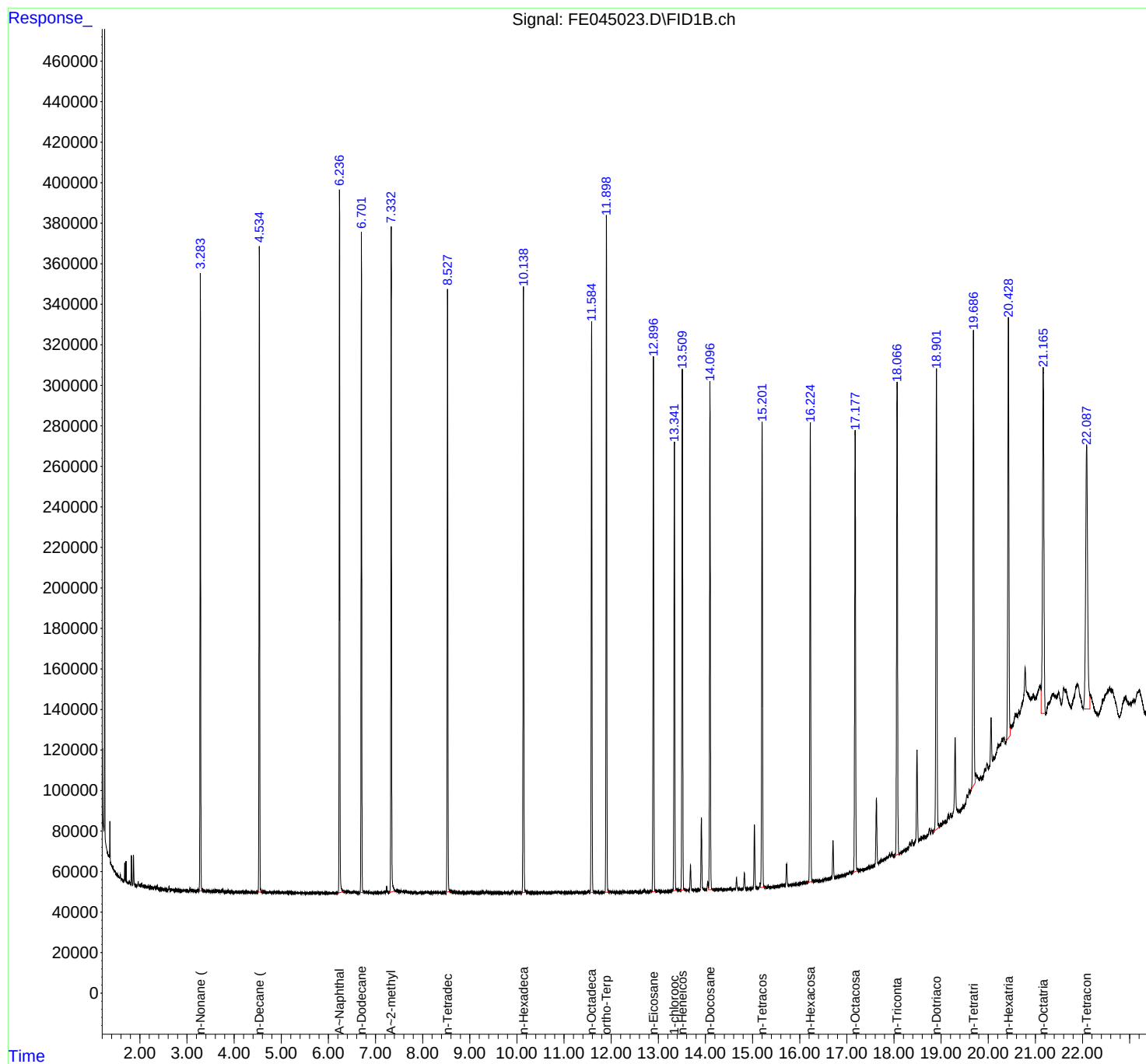
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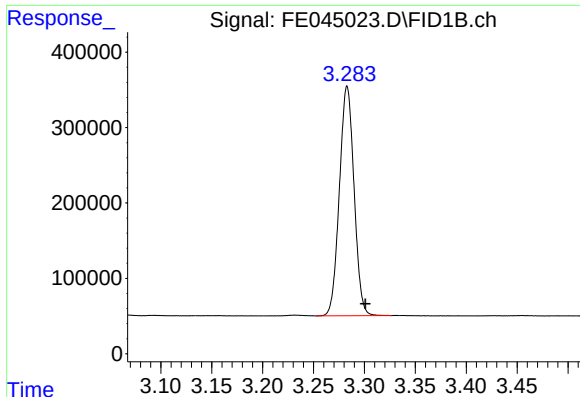
(m)=manual int.

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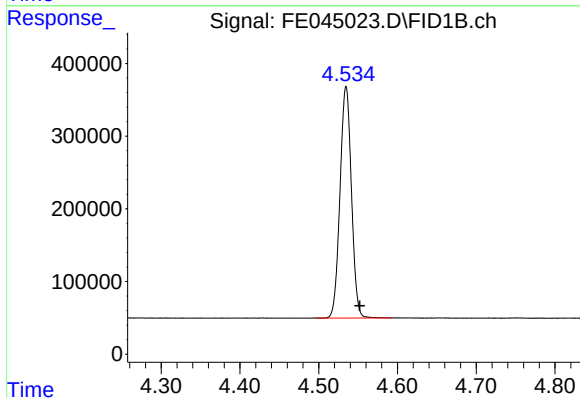
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Signal Info : 20M x 0.18mm x 0.18um





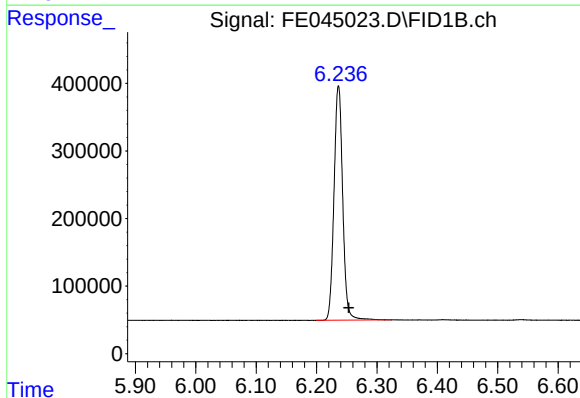
#1 n-Nonane (C9)

R.T.: 3.283 min
Delta R.T.: -0.018 min
Response: 3050784
Conc: 18.19 ug/ml



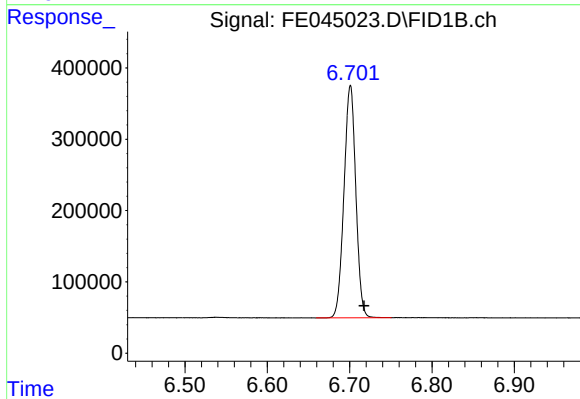
#2 n-Decane (C10)

R.T.: 4.535 min
Delta R.T.: -0.017 min
Response: 3208672
Conc: 18.84 ug/ml



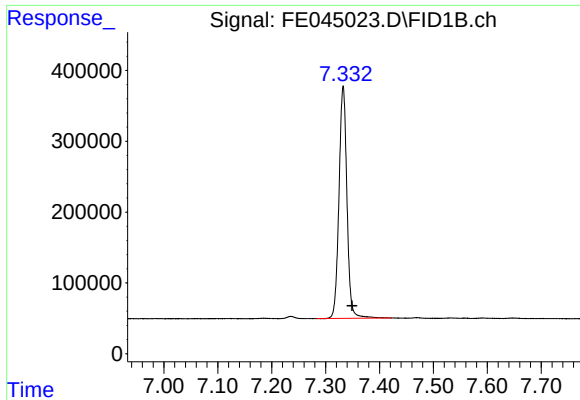
#3 A~Naphthalene (C11.7)

R.T.: 6.236 min
Delta R.T.: -0.017 min
Response: 3471234
Conc: 18.75 ug/ml



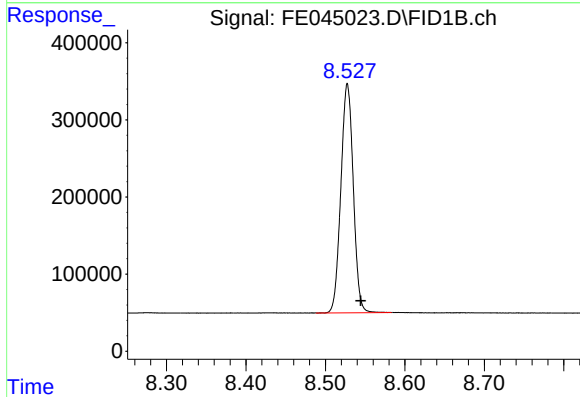
#4 n-Dodecane (C12)

R.T.: 6.701 min
Delta R.T.: -0.017 min
Response: 3251412
Conc: 18.84 ug/ml



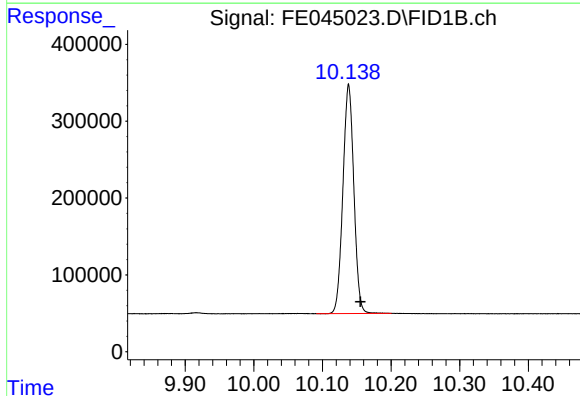
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.333 min
Delta R.T.: -0.016 min
Response: 3365811
Conc: 18.66 ug/ml



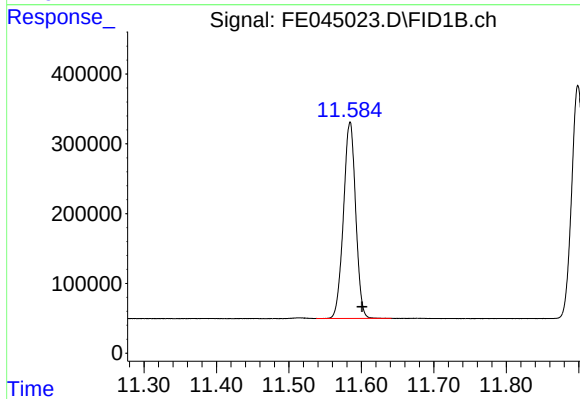
#6 n-Tetradecane (C14)

R.T.: 8.528 min
Delta R.T.: -0.017 min
Response: 3227128
Conc: 18.82 ug/ml



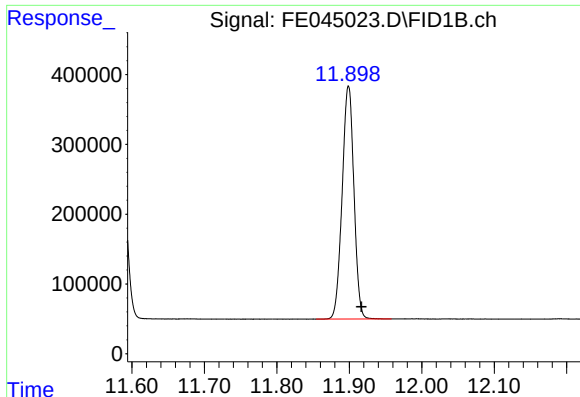
#7 n-Hexadecane (C16)

R.T.: 10.138 min
Delta R.T.: -0.017 min
Response: 3302675
Conc: 18.89 ug/ml



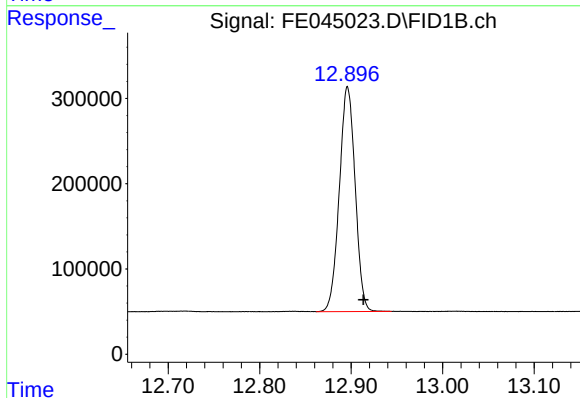
#8 n-Octadecane (C18)

R.T.: 11.584 min
Delta R.T.: -0.017 min
Response: 3300117
Conc: 18.92 ug/ml



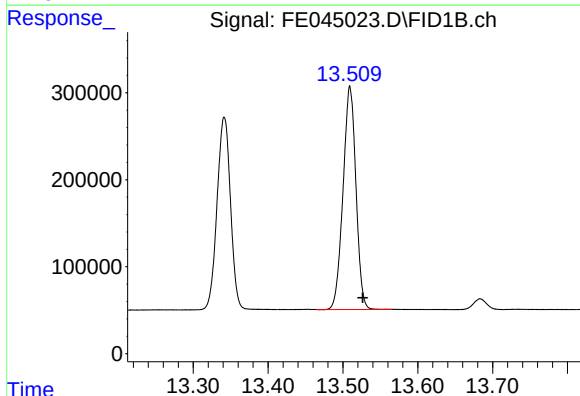
#9 ortho-Terphenyl (SURR)

R.T.: 11.899 min
Delta R.T.: -0.018 min
Response: 3774748
Conc: 18.83 ug/ml



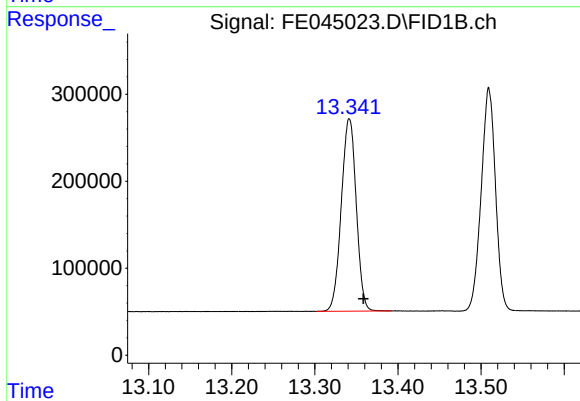
#10 n-Eicosane (C20)

R.T.: 12.896 min
Delta R.T.: -0.017 min
Response: 3166171
Conc: 18.96 ug/ml



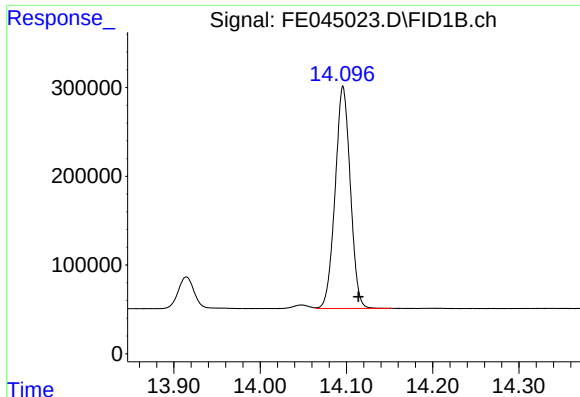
#11 n-Heneicosane (C21)

R.T.: 13.509 min
Delta R.T.: -0.017 min
Response: 3069655
Conc: 18.83 ug/ml



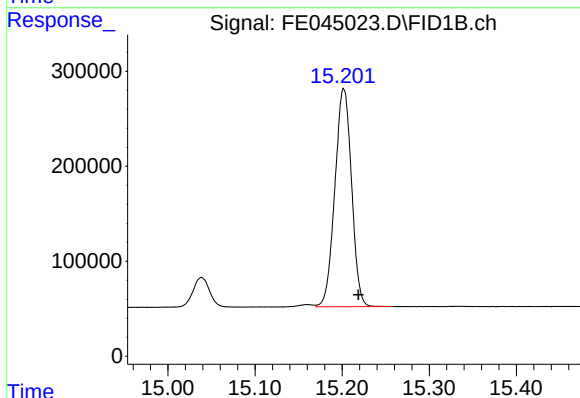
#12 1-chlorooctadecane (SURR)

R.T.: 13.342 min
Delta R.T.: -0.017 min
Response: 2762612
Conc: 18.67 ug/ml



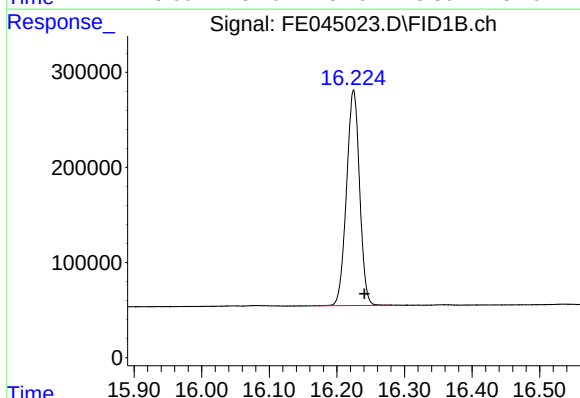
#13 n-Docosane (C22)

R.T.: 14.096 min
Delta R.T.: -0.018 min
Response: 3062399
Conc: 19.15 ug/ml



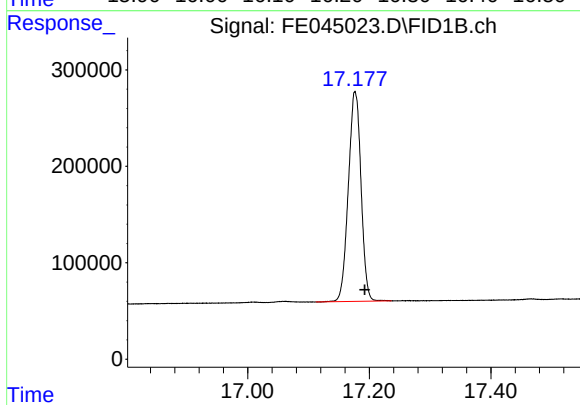
#14 n-Tetracosane (C24)

R.T.: 15.202 min
Delta R.T.: -0.017 min
Response: 3051200
Conc: 19.66 ug/ml



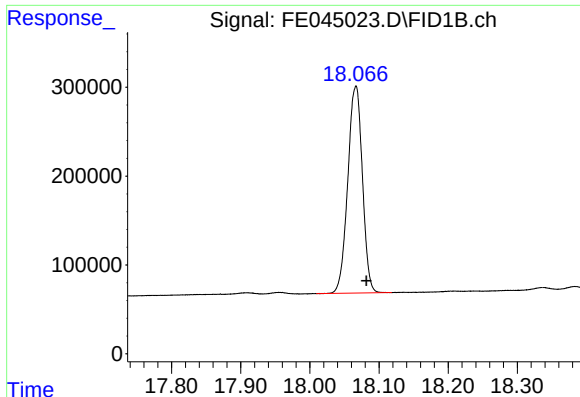
#15 n-Hexacosane (C26)

R.T.: 16.225 min
Delta R.T.: -0.016 min
Response: 3041392
Conc: 20.26 ug/ml



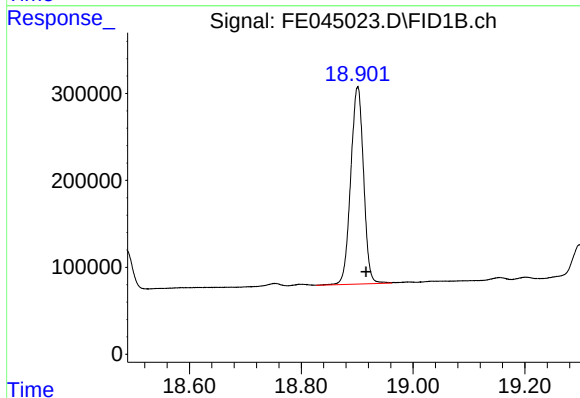
#16 n-Octacosane (C28)

R.T.: 17.177 min
Delta R.T.: -0.016 min
Response: 3152783
Conc: 21.47 ug/ml



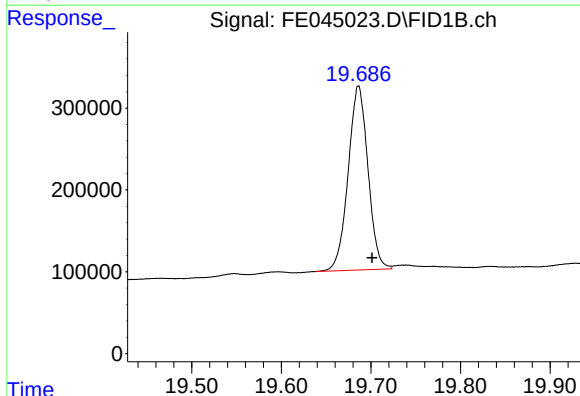
#17 n-Tricontane (C30)

R.T.: 18.067 min
Delta R.T.: -0.015 min
Response: 3423237
Conc: 23.02 ug/ml



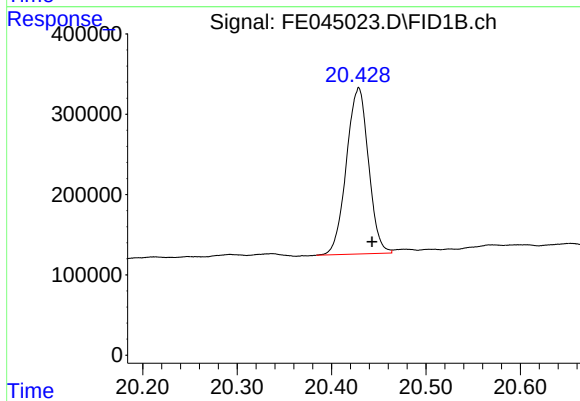
#18 n-Dotriacontane (C32)

R.T.: 18.901 min
Delta R.T.: -0.015 min
Response: 3615342
Conc: 24.09 ug/ml



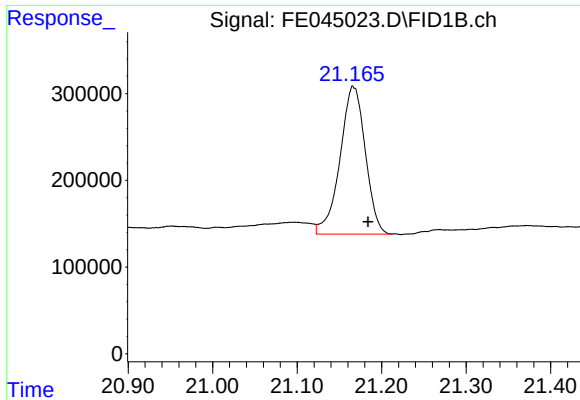
#19 n-Tetratriacontane (C34)

R.T.: 19.686 min
Delta R.T.: -0.015 min
Response: 3453205
Conc: 23.20 ug/ml m



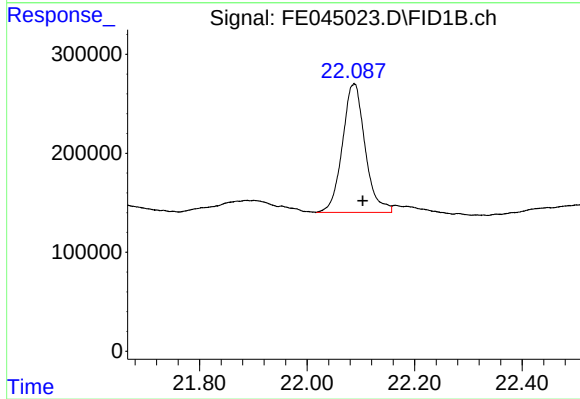
#20 n-Hexatriacontane (C36)

R.T.: 20.428 min
Delta R.T.: -0.015 min
Response: 3368529
Conc: 21.91 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 21.165 min
Delta R.T.: -0.019 min
Response: 3538238
Conc: 22.65 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 22.088 min
Delta R.T.: -0.015 min
Response: 3807955
Conc: 22.79 ug/ml