

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE110223AL\
 Data File : FE045150.D
 Signal(s) : FID1B.ch
 Acq On : 02 Nov 2023 08:39
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Nov 02 23:09:48 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)	11.894	3777490	18.844 ug/ml
Spiked Amount 50.000		Recovery =	37.69%
12) S 1-chlorooctadecane (S...	13.336	2738859	18.508 ug/ml
Spiked Amount 50.000		Recovery =	37.02%
Target Compounds			
1) T n-Nonane (C9)	3.277	3181890	18.968 ug/ml
2) T n-Decane (C10)	4.529	3321779	19.500 ug/ml
3) T A~Naphthalene (C11.7)	6.230	3538216	19.113 ug/ml
4) T n-Dodecane (C12)	6.695	3336030	19.326 ug/ml
5) T A~2-methylnaphthalene...	7.327	3406831	18.886 ug/ml
6) T n-Tetradecane (C14)	8.522	3302600	19.260 ug/ml
7) T n-Hexadecane (C16)	10.133	3355445	19.188 ug/ml
8) T n-Octadecane (C18)	11.579	3320081	19.036 ug/ml
10) T n-Eicosane (C20)	12.891	3147967	18.847 ug/ml
11) T n-Heneicosane (C21)	13.504	3062788	18.789 ug/ml
13) T n-Docosane (C22)	14.091	3014734	18.848 ug/ml
14) T n-Tetracosane (C24)	15.197	2967013	19.118 ug/ml
15) T n-Hexacosane (C26)	16.220	2917332	19.431 ug/ml
16) T n-Octacosane (C28)	17.172	2961229	20.166 ug/ml
17) T n-Tricontane (C30)	18.062	3191595	21.459 ug/ml
18) T n-Dotriacontane (C32)	18.897	3316484	22.096 ug/ml
19) T n-Tetratriacontane (C34)	19.682	3288302	22.089 ug/ml
20) T n-Hexatriacontane (C36)	20.427	3358448	21.845 ug/mlm
21) T n-Octatriacontane (C38)	21.167	3260421	20.872 ug/mlm
22) T n-Tetracontane (C40)	22.084	3375393	20.197 ug/ml

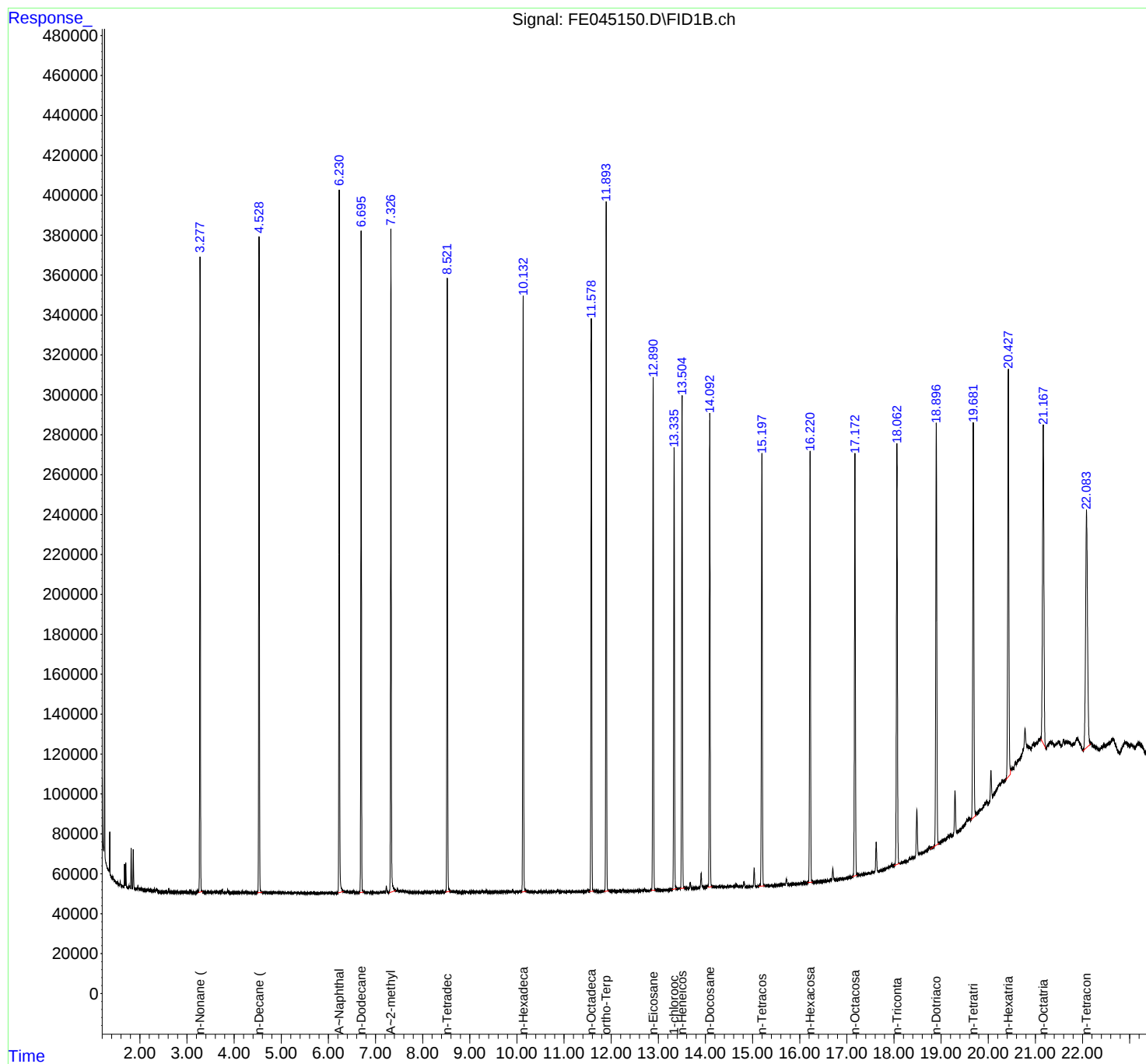
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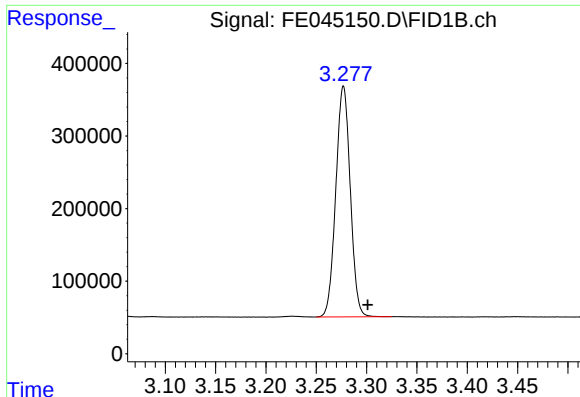
(m)=manual int.

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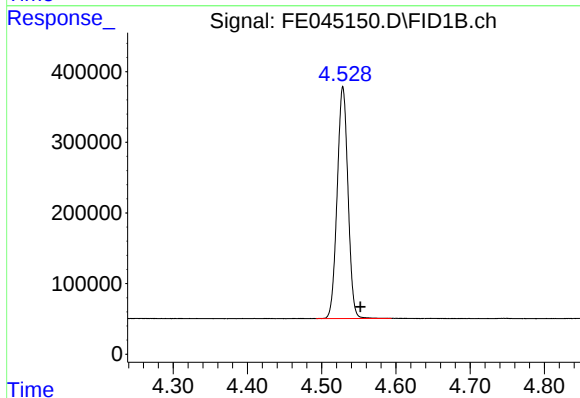
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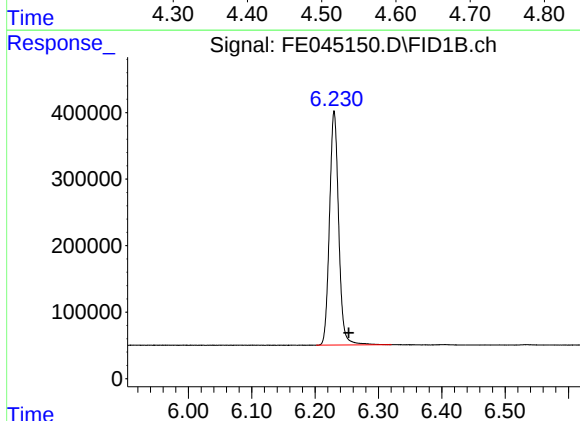
#1 n-Nonane (C9)

R.T.: 3.277 min
Delta R.T.: -0.024 min
Response: 3181890
Conc: 18.97 ug/ml



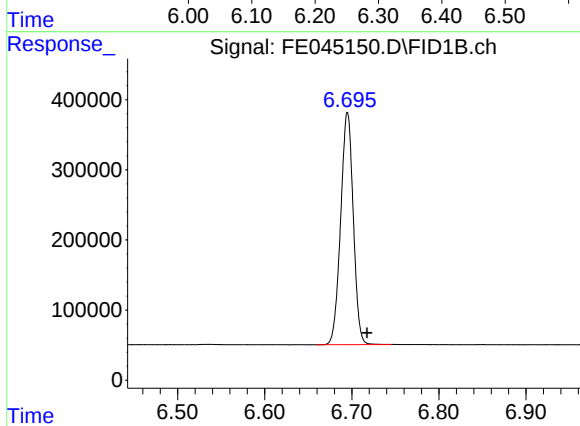
#2 n-Decane (C10)

R.T.: 4.529 min
Delta R.T.: -0.023 min
Response: 3321779
Conc: 19.50 ug/ml



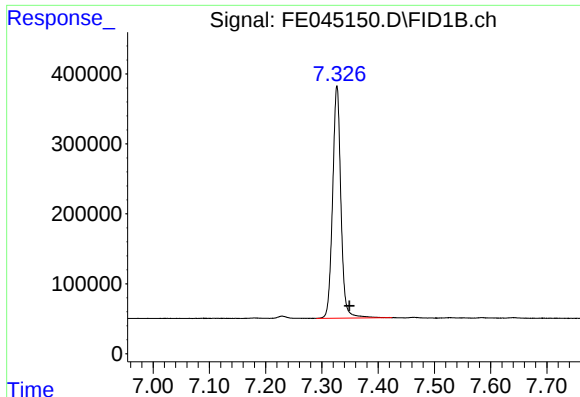
#3 A~Naphthalene (C11.7)

R.T.: 6.230 min
Delta R.T.: -0.023 min
Response: 3538216
Conc: 19.11 ug/ml



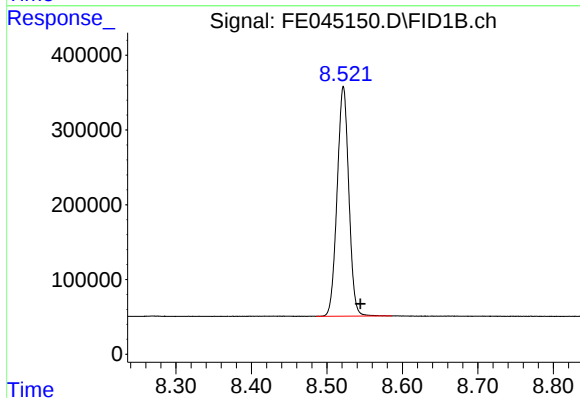
#4 n-Dodecane (C12)

R.T.: 6.695 min
Delta R.T.: -0.023 min
Response: 3336030
Conc: 19.33 ug/ml



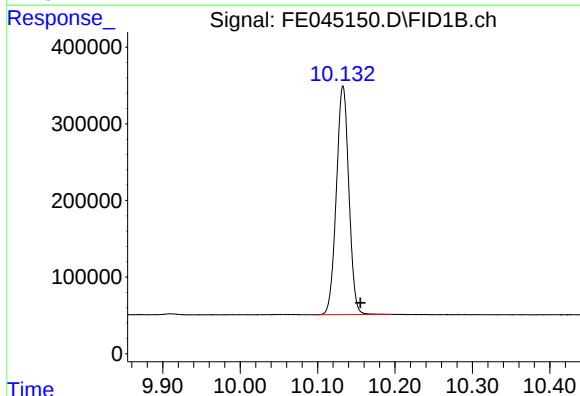
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.327 min
Delta R.T.: -0.022 min
Response: 3406831
Conc: 18.89 ug/ml



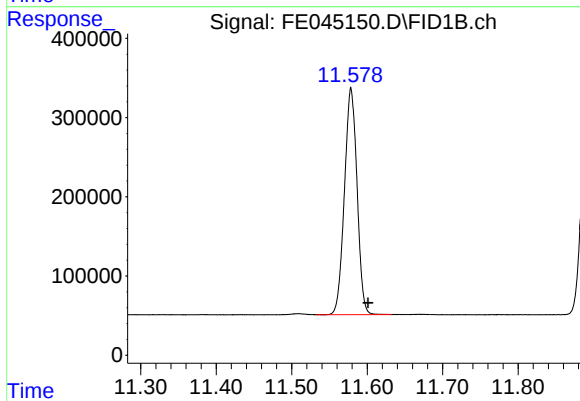
#6 n-Tetradecane (C14)

R.T.: 8.522 min
Delta R.T.: -0.023 min
Response: 3302600
Conc: 19.26 ug/ml



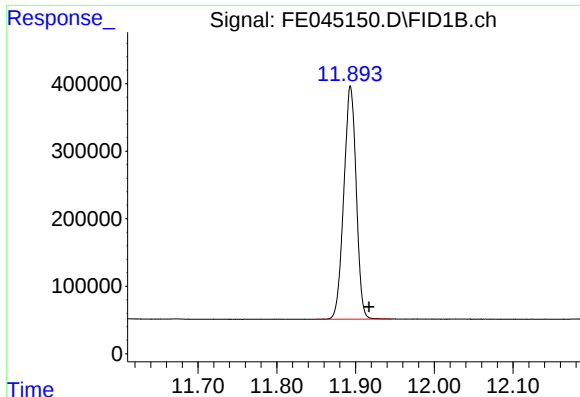
#7 n-Hexadecane (C16)

R.T.: 10.133 min
Delta R.T.: -0.022 min
Response: 3355445
Conc: 19.19 ug/ml



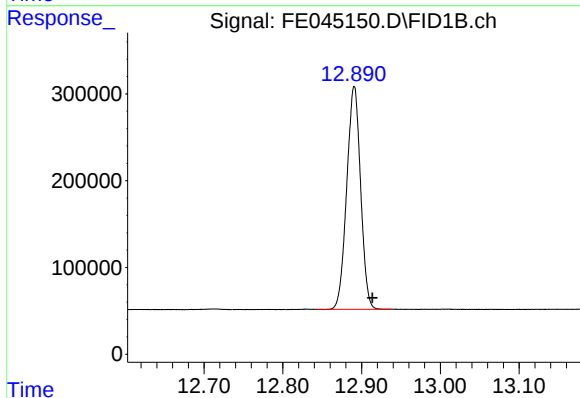
#8 n-Octadecane (C18)

R.T.: 11.579 min
Delta R.T.: -0.023 min
Response: 3320081
Conc: 19.04 ug/ml



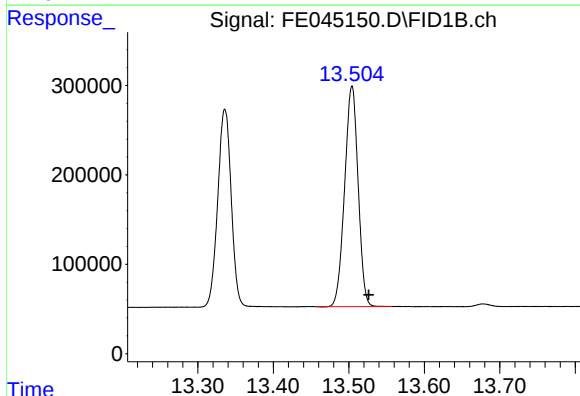
#9 ortho-Terphenyl (SURR)

R.T.: 11.894 min
Delta R.T.: -0.023 min
Response: 3777490
Conc: 18.84 ug/ml



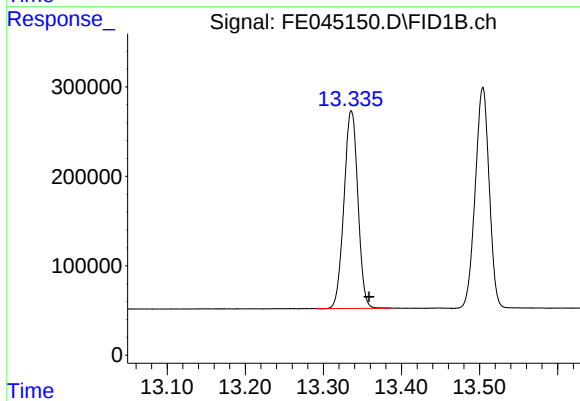
#10 n-Eicosane (C20)

R.T.: 12.891 min
Delta R.T.: -0.023 min
Response: 3147967
Conc: 18.85 ug/ml



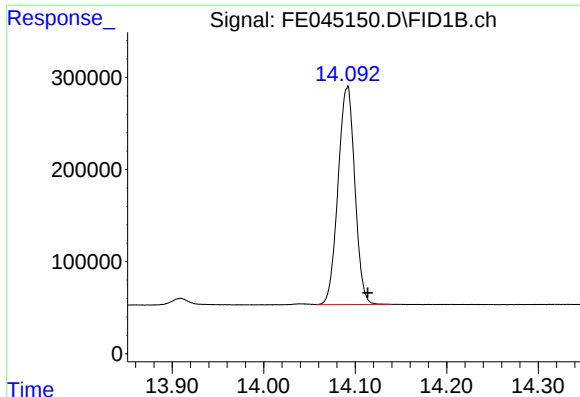
#11 n-Heneicosane (C21)

R.T.: 13.504 min
Delta R.T.: -0.022 min
Response: 3062788
Conc: 18.79 ug/ml



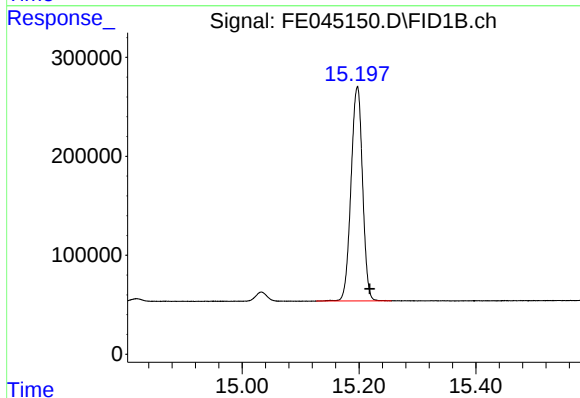
#12 1-chlorooctadecane (SURR)

R.T.: 13.336 min
Delta R.T.: -0.022 min
Response: 2738859
Conc: 18.51 ug/ml



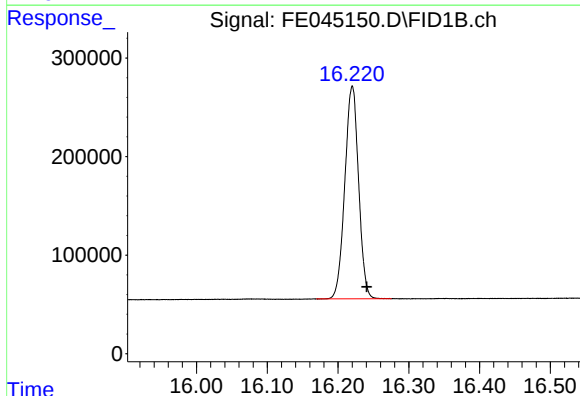
#13 n-Docosane (C22)

R.T.: 14.091 min
Delta R.T.: -0.022 min
Response: 3014734
Conc: 18.85 ug/ml



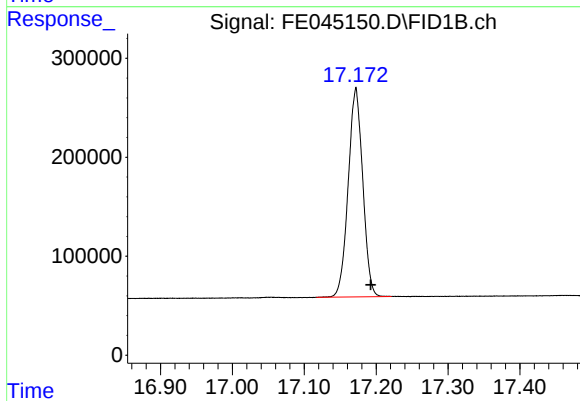
#14 n-Tetracosane (C24)

R.T.: 15.197 min
Delta R.T.: -0.021 min
Response: 2967013
Conc: 19.12 ug/ml



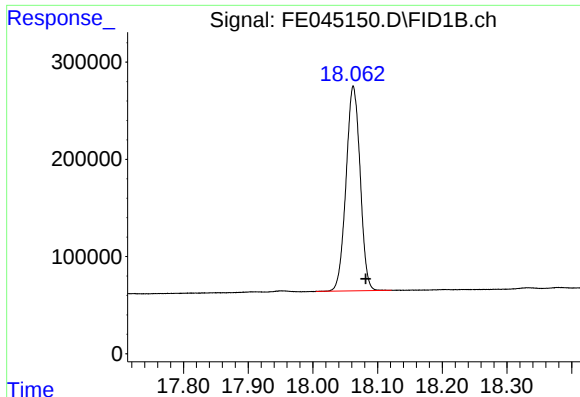
#15 n-Hexacosane (C26)

R.T.: 16.220 min
Delta R.T.: -0.020 min
Response: 2917332
Conc: 19.43 ug/ml



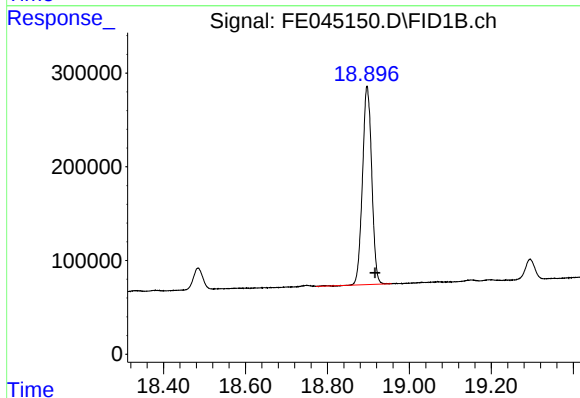
#16 n-Octacosane (C28)

R.T.: 17.172 min
Delta R.T.: -0.021 min
Response: 2961229
Conc: 20.17 ug/ml



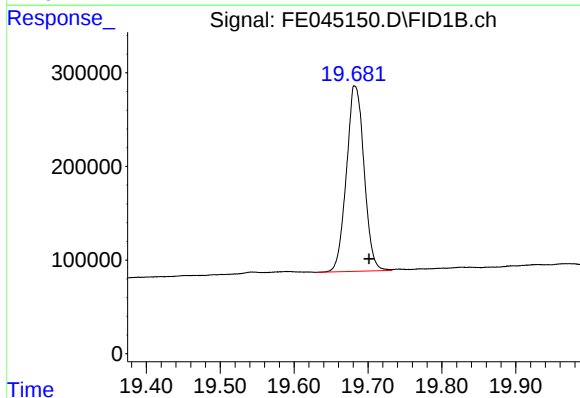
#17 n-Tricontane (C30)

R.T.: 18.062 min
Delta R.T.: -0.019 min
Response: 3191595
Conc: 21.46 ug/ml



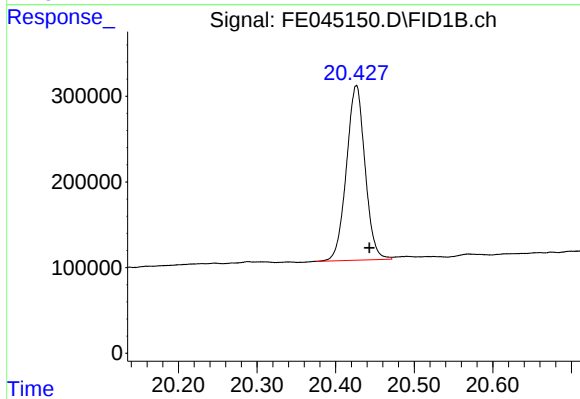
#18 n-Dotriacontane (C32)

R.T.: 18.897 min
Delta R.T.: -0.020 min
Response: 3316484
Conc: 22.10 ug/ml



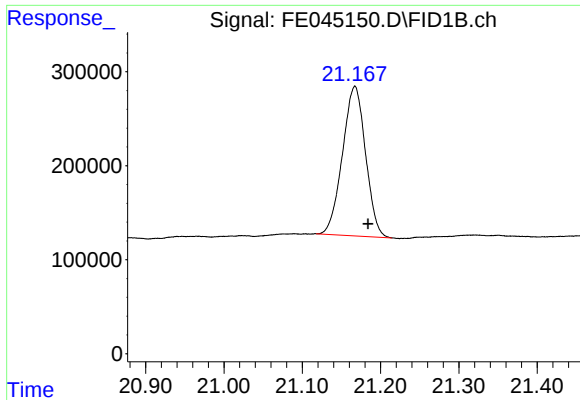
#19 n-Tetratriacontane (C34)

R.T.: 19.682 min
Delta R.T.: -0.019 min
Response: 3288302
Conc: 22.09 ug/ml



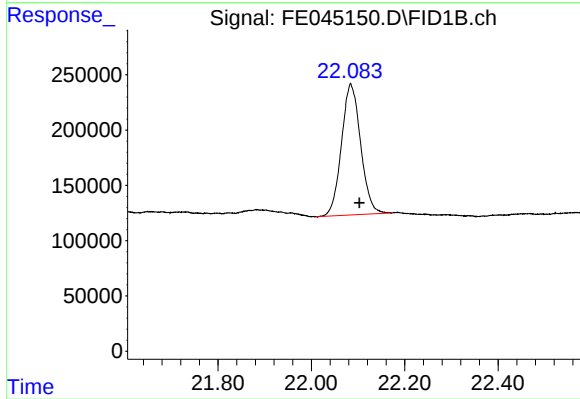
#20 n-Hexatriacontane (C36)

R.T.: 20.427 min
Delta R.T.: -0.016 min
Response: 3358448
Conc: 21.84 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 21.167 min
Delta R.T.: -0.017 min
Response: 3260421
Conc: 20.87 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 22.084 min
Delta R.T.: -0.019 min
Response: 3375393
Conc: 20.20 ug/ml