

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE102623AL\
 Data File : FE045038.D
 Signal(s) : FID1B.ch
 Acq On : 26 Oct 2023 13:40
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Oct 27 01:01:39 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)	11.900	3848126	19.196 ug/ml
Spiked Amount 50.000		Recovery =	38.39%
12) S 1-chlorooctadecane (S...	13.342	2766357	18.693 ug/ml
Spiked Amount 50.000		Recovery =	37.39%
Target Compounds			
1) T n-Nonane (C9)	3.277	3185309	18.988 ug/ml
2) T n-Decane (C10)	4.529	3281890	19.266 ug/ml
3) T A~Naphthalene (C11.7)	6.231	3506070	18.940 ug/ml
4) T n-Dodecane (C12)	6.696	3319031	19.227 ug/ml
5) T A~2-methylnaphthalene...	7.327	3386326	18.772 ug/ml
6) T n-Tetradecane (C14)	8.525	3305712	19.278 ug/ml
7) T n-Hexadecane (C16)	10.138	3358924	19.208 ug/ml
8) T n-Octadecane (C18)	11.584	3375513	19.353 ug/ml
10) T n-Eicosane (C20)	12.897	3235373	19.370 ug/ml
11) T n-Heneicosane (C21)	13.510	3125724	19.175 ug/ml
13) T n-Docosane (C22)	14.098	3154521	19.721 ug/ml
14) T n-Tetracosane (C24)	15.202	3230215	20.814 ug/ml
15) T n-Hexacosane (C26)	16.227	3277018	21.827 ug/ml
16) T n-Octacosane (C28)	17.178	3399265	23.149 ug/ml
17) T n-Tricontane (C30)	18.068	3577414	24.053 ug/ml
18) T n-Dotriacontane (C32)	18.904	3599137	23.979 ug/ml
19) T n-Tetratriacontane (C34)	19.688	3359842	22.570 ug/ml
20) T n-Hexatriacontane (C36)	20.430	3342468	21.741 ug/ml
21) T n-Octatriacontane (C38)	21.171	3440394	22.024 ug/ml
22) T n-Tetracontane (C40)	22.090	3401616	20.354 ug/ml

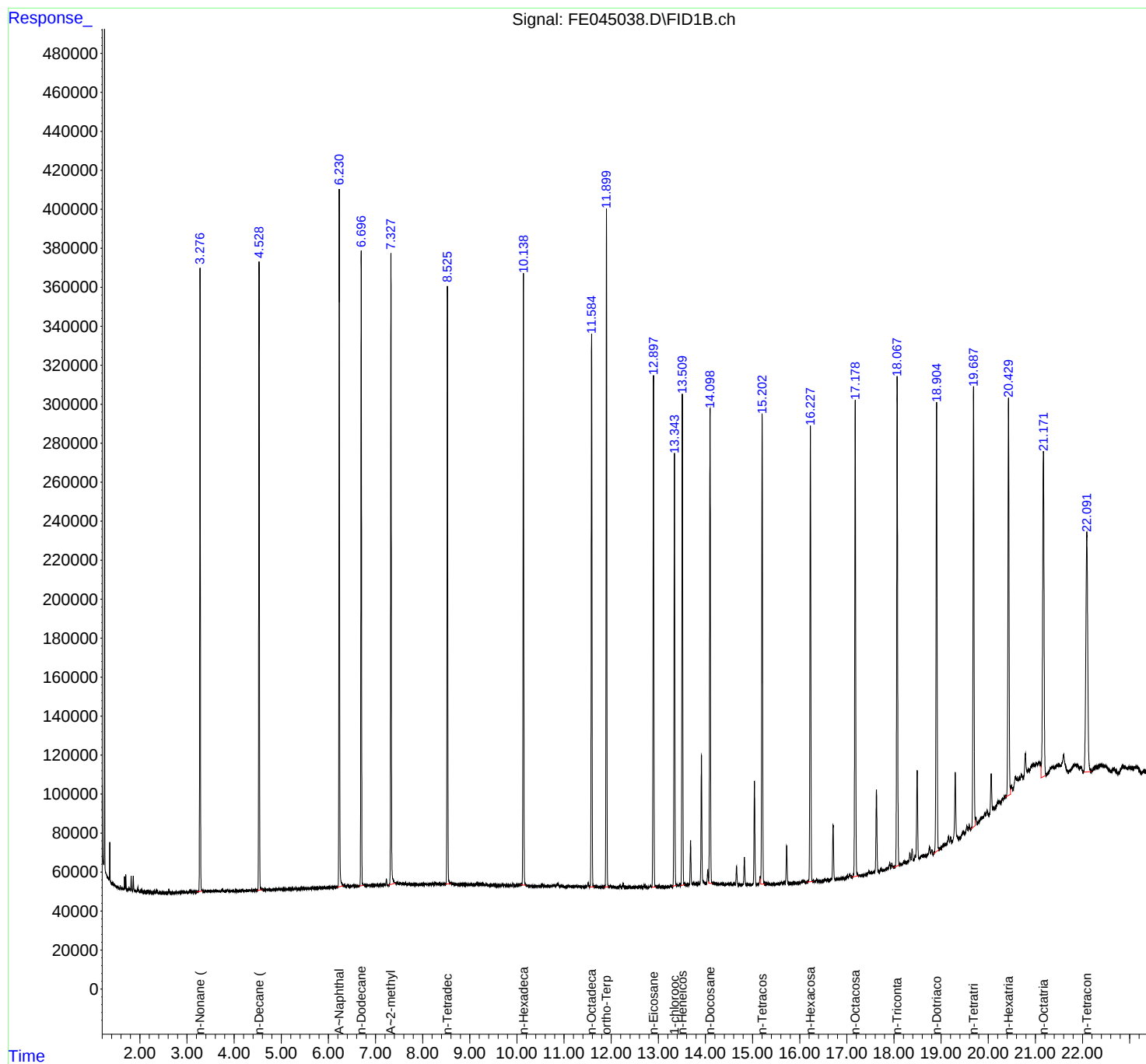
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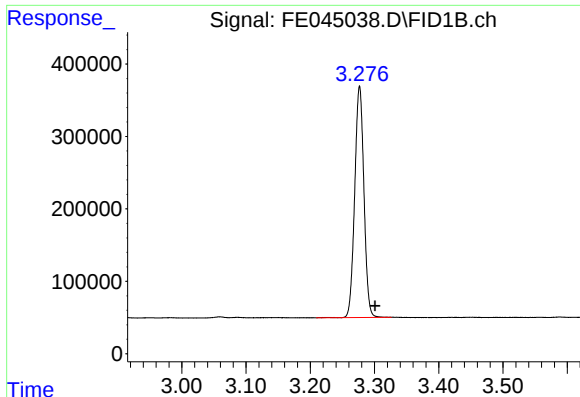
(m)=manual int.

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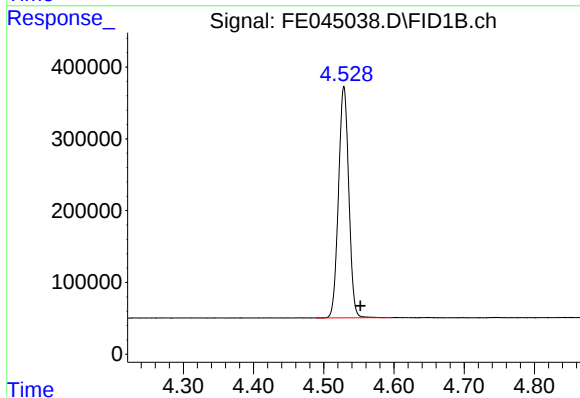
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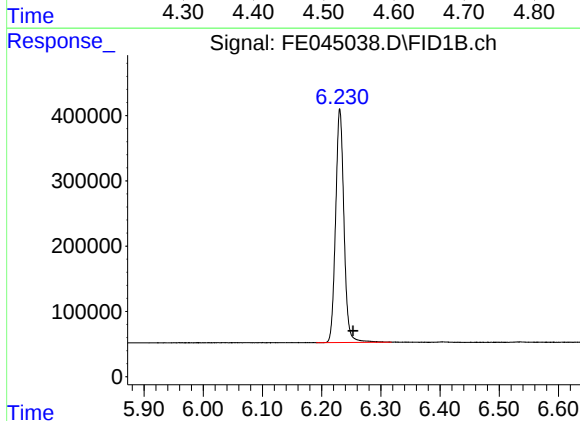
#1 n-Nonane (C9)

R.T.: 3.277 min
Delta R.T.: -0.024 min
Response: 3185309
Conc: 18.99 ug/ml



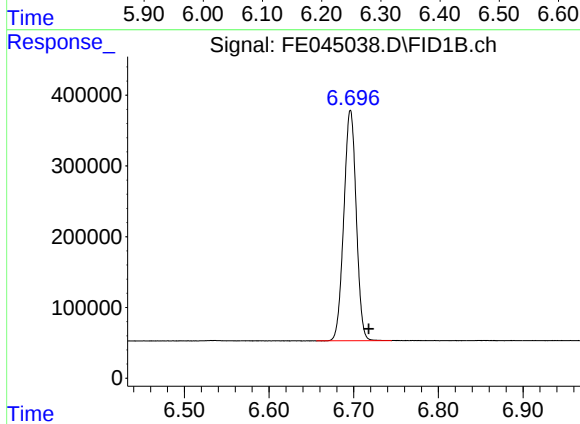
#2 n-Decane (C10)

R.T.: 4.529 min
Delta R.T.: -0.023 min
Response: 3281890
Conc: 19.27 ug/ml



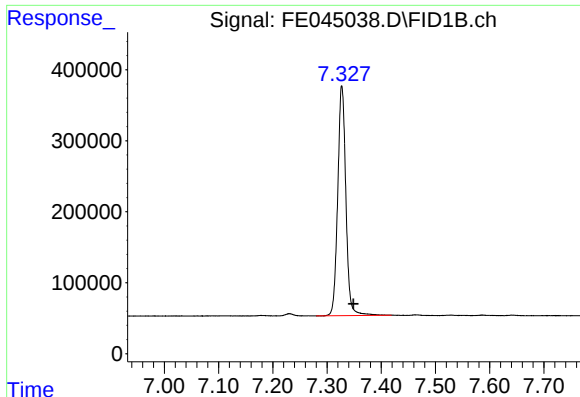
#3 A~Naphthalene (C11.7)

R.T.: 6.231 min
Delta R.T.: -0.022 min
Response: 3506070
Conc: 18.94 ug/ml



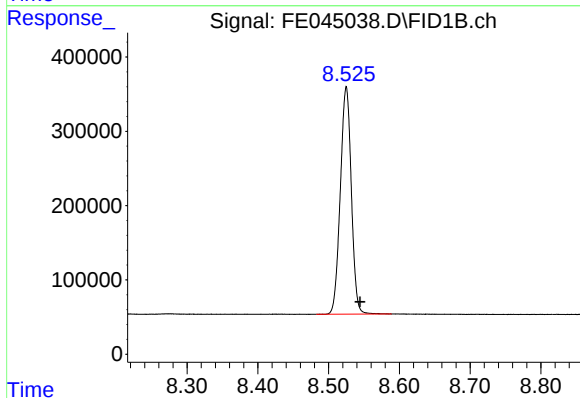
#4 n-Dodecane (C12)

R.T.: 6.696 min
Delta R.T.: -0.021 min
Response: 3319031
Conc: 19.23 ug/ml



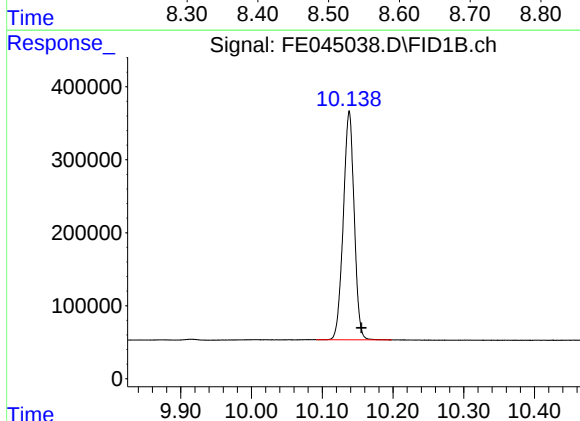
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.327 min
Delta R.T.: -0.022 min
Response: 3386326
Conc: 18.77 ug/ml



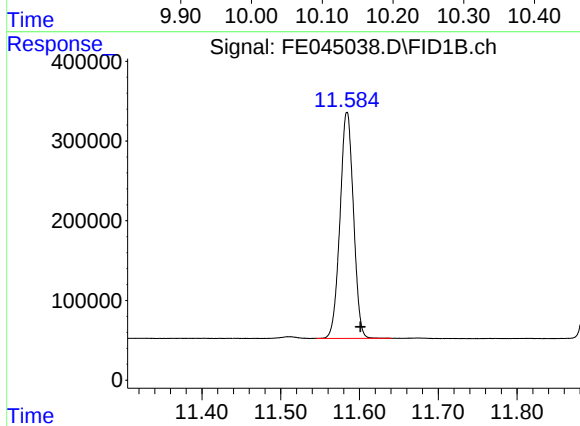
#6 n-Tetradecane (C14)

R.T.: 8.525 min
Delta R.T.: -0.019 min
Response: 3305712
Conc: 19.28 ug/ml



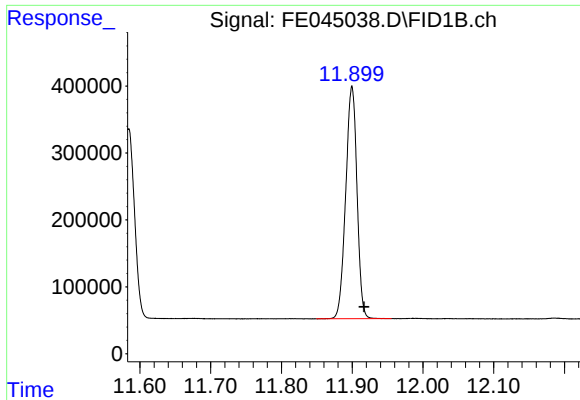
#7 n-Hexadecane (C16)

R.T.: 10.138 min
Delta R.T.: -0.017 min
Response: 3358924
Conc: 19.21 ug/ml



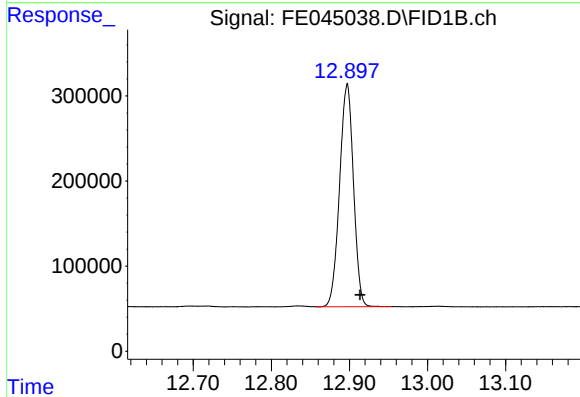
#8 n-Octadecane (C18)

R.T.: 11.584 min
Delta R.T.: -0.017 min
Response: 3375513
Conc: 19.35 ug/ml



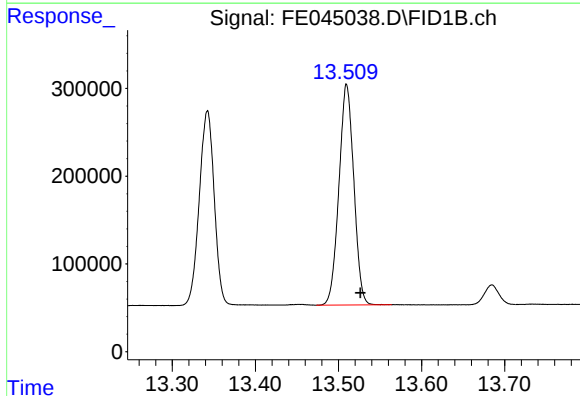
#9 ortho-Terphenyl (SURR)

R.T.: 11.900 min
Delta R.T.: -0.017 min
Response: 3848126
Conc: 19.20 ug/ml



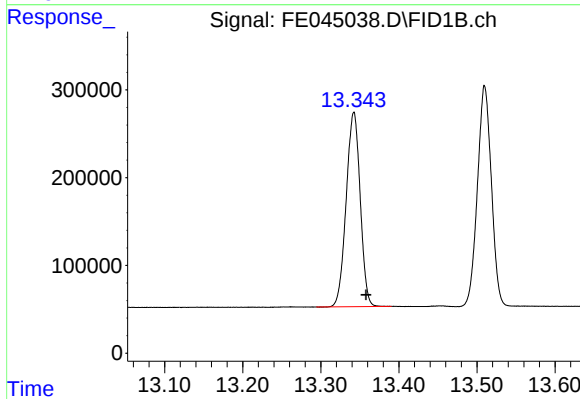
#10 n-Eicosane (C20)

R.T.: 12.897 min
Delta R.T.: -0.016 min
Response: 3235373
Conc: 19.37 ug/ml



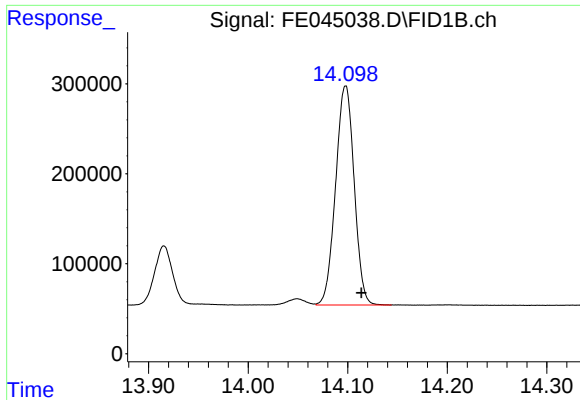
#11 n-Heneicosane (C21)

R.T.: 13.510 min
Delta R.T.: -0.017 min
Response: 3125724
Conc: 19.17 ug/ml



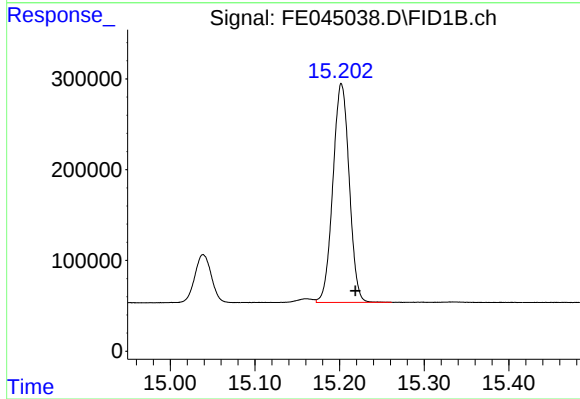
#12 1-chlorooctadecane (SURR)

R.T.: 13.342 min
Delta R.T.: -0.016 min
Response: 2766357
Conc: 18.69 ug/ml



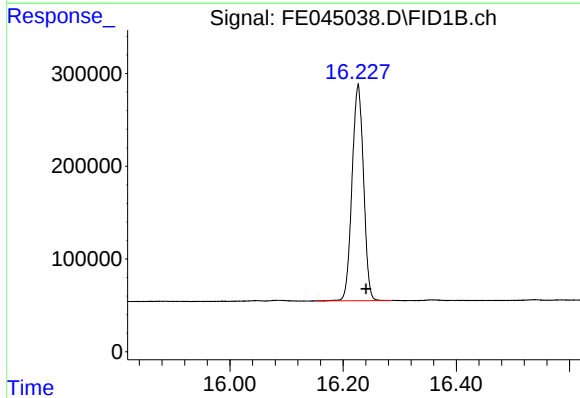
#13 n-Docosane (C22)

R.T.: 14.098 min
Delta R.T.: -0.016 min
Response: 3154521
Conc: 19.72 ug/ml



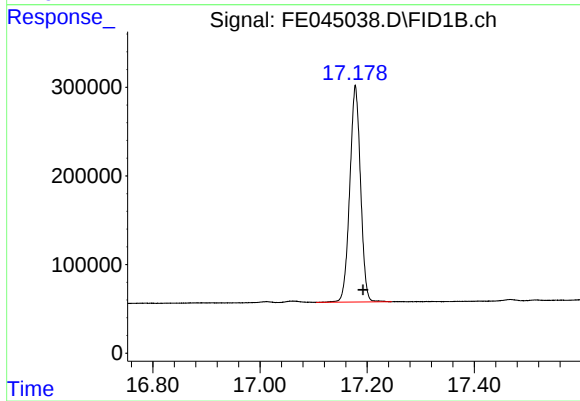
#14 n-Tetracosane (C24)

R.T.: 15.202 min
Delta R.T.: -0.016 min
Response: 3230215
Conc: 20.81 ug/ml



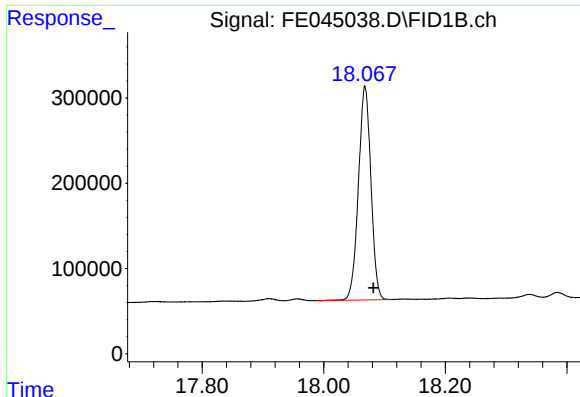
#15 n-Hexacosane (C26)

R.T.: 16.227 min
Delta R.T.: -0.014 min
Response: 3277018
Conc: 21.83 ug/ml



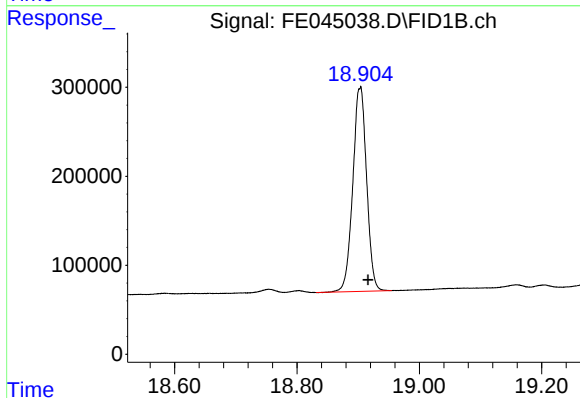
#16 n-Octacosane (C28)

R.T.: 17.178 min
Delta R.T.: -0.014 min
Response: 3399265
Conc: 23.15 ug/ml



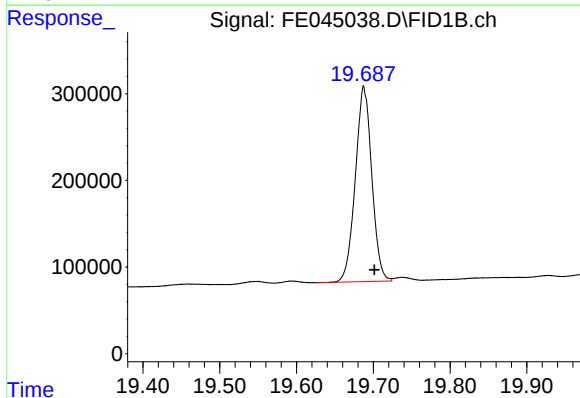
#17 n-Tricontane (C30)

R.T.: 18.068 min
Delta R.T.: -0.014 min
Response: 3577414
Conc: 24.05 ug/ml



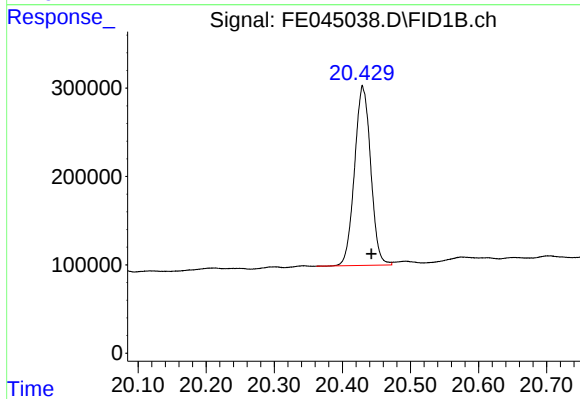
#18 n-Dotriacontane (C32)

R.T.: 18.904 min
Delta R.T.: -0.013 min
Response: 3599137
Conc: 23.98 ug/ml



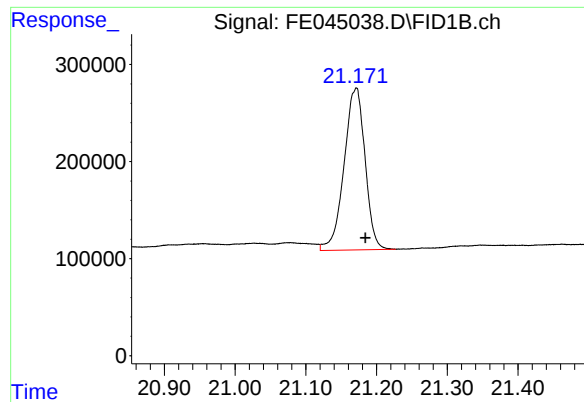
#19 n-Tetratriacontane (C34)

R.T.: 19.688 min
Delta R.T.: -0.014 min
Response: 3359842
Conc: 22.57 ug/ml



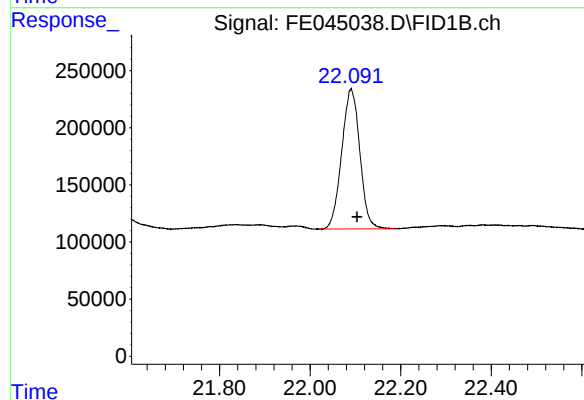
#20 n-Hexatriacontane (C36)

R.T.: 20.430 min
Delta R.T.: -0.013 min
Response: 3342468
Conc: 21.74 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.171 min
Delta R.T.: -0.013 min
Response: 3440394
Conc: 22.02 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.090 min
Delta R.T.: -0.013 min
Response: 3401616
Conc: 20.35 ug/ml