

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE012424AL\
 Data File : FE046370.D
 Signal(s) : FID1B.ch
 Acq On : 24 Jan 2024 10:27
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jan 25 02:06:56 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 122923.M
 Quant Title : GC Extractables
 Qlast Update : Fri Dec 29 03:49:54 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)	11.822	4022178	22.133 ug/ml
Spiked Amount 50.000		Recovery =	44.27%
12) S 1-chlorooctadecane (S...	13.263	2936282	21.976 ug/ml
Spiked Amount 50.000		Recovery =	43.95%
Target Compounds			
1) T n-Nonane (C9)	3.211	3163916	20.673 ug/ml
2) T n-Decane (C10)	4.461	3265292	21.040 ug/ml
3) T A~Naphthalene (C11.7)	6.165	3432254	20.638 ug/ml
4) T n-Dodecane (C12)	6.628	3307143	21.181 ug/ml
5) T A~2-methylnaphthalene...	7.261	3323346	20.874 ug/ml
6) T n-Tetradecane (C14)	8.454	3286317	21.097 ug/ml
7) T n-Hexadecane (C16)	10.063	3375267	21.314 ug/ml
8) T n-Octadecane (C18)	11.507	3408354	21.655 ug/ml
10) T n-Eicosane (C20)	12.817	3329201	22.007 ug/ml
11) T n-Heneicosane (C21)	13.430	3258672	22.160 ug/ml
13) T n-Docosane (C22)	14.017	3241899	22.179 ug/ml
14) T n-Tetracosane (C24)	15.122	3226589	22.247 ug/ml
15) T n-Hexacosane (C26)	16.145	3149578	21.969 ug/ml
16) T n-Octacosane (C28)	17.096	3100584	21.619 ug/ml
17) T n-Tricontane (C30)	17.986	3236689	21.776 ug/ml
18) T n-Dotriacontane (C32)	18.821	3229207	21.591 ug/ml
19) T n-Tetratriacontane (C34)	19.606	3122180	21.794 ug/ml
20) T n-Hexatriacontane (C36)	20.349	3177794	21.795 ug/mlm
21) T n-Octatriacontane (C38)	21.075	3215549	21.806 ug/mlm
22) T n-Tetracontane (C40)	21.963	3278641	20.946 ug/ml

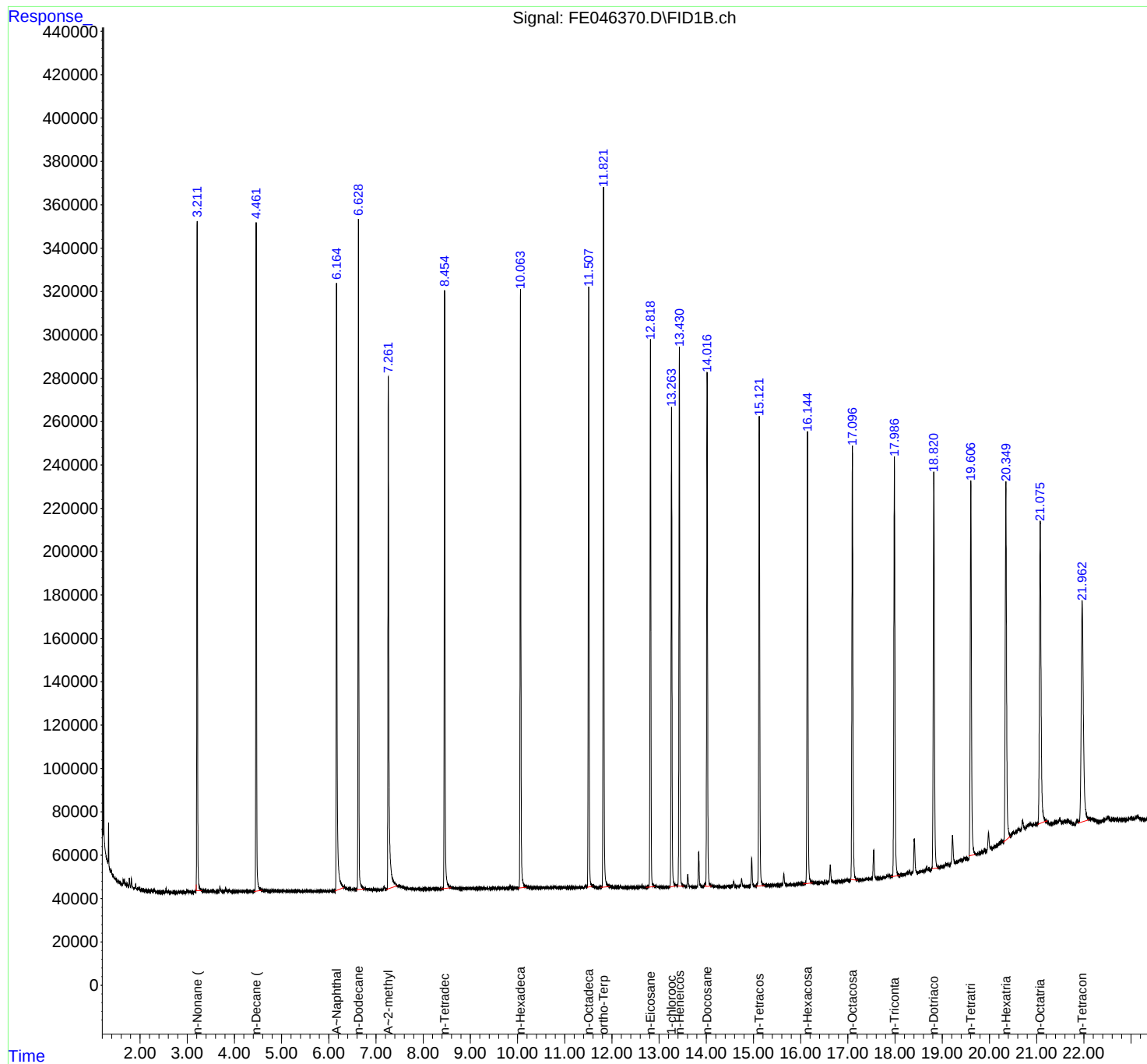
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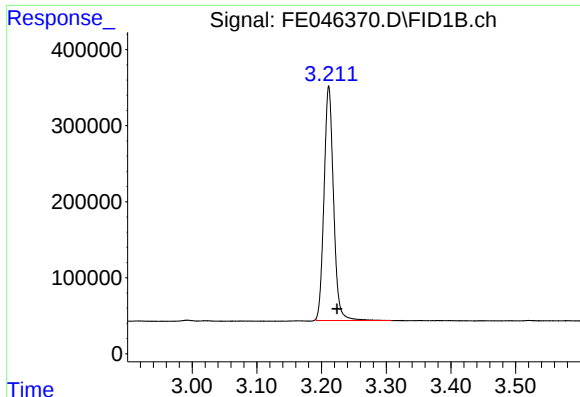
(m)=manual int.

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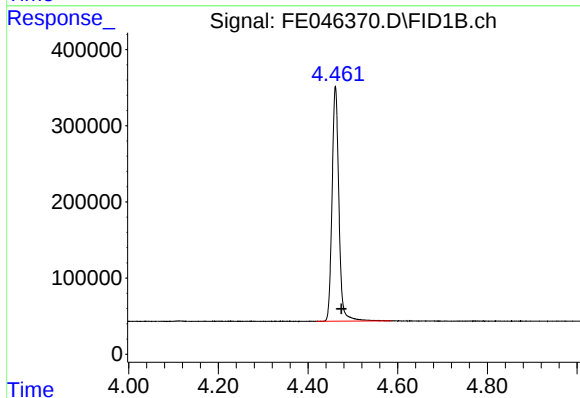
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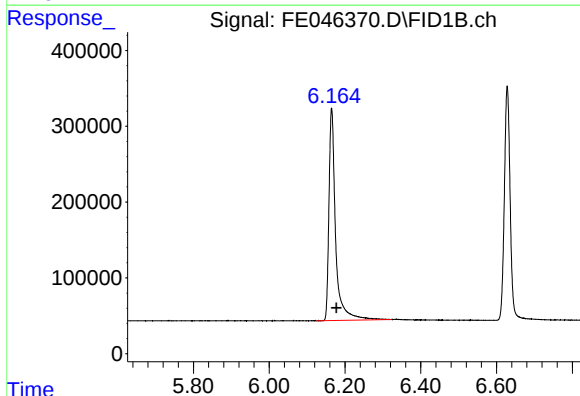
#1 n-Nonane (C9)

R.T.: 3.211 min
Delta R.T.: -0.013 min
Response: 3163916
Conc: 20.67 ug/ml



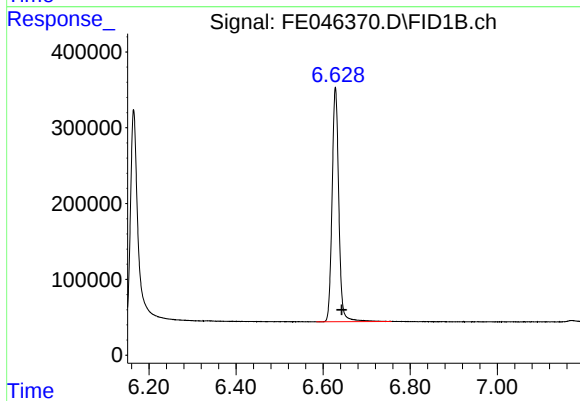
#2 n-Decane (C10)

R.T.: 4.461 min
Delta R.T.: -0.014 min
Response: 3265292
Conc: 21.04 ug/ml



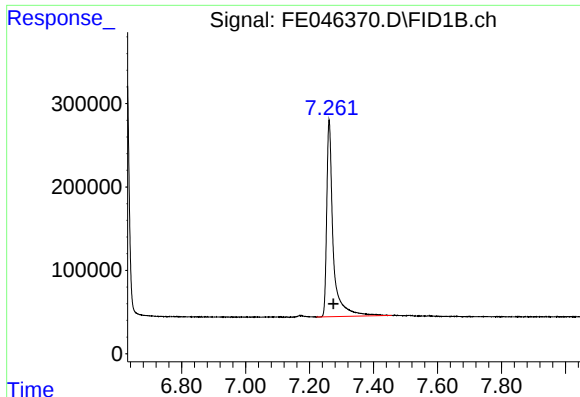
#3 A~Naphthalene (C11.7)

R.T.: 6.165 min
Delta R.T.: -0.012 min
Response: 3432254
Conc: 20.64 ug/ml



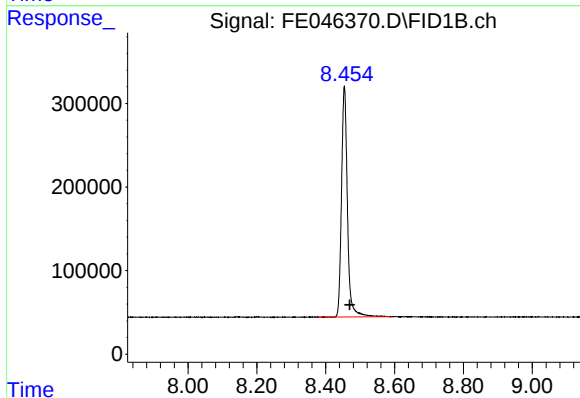
#4 n-Dodecane (C12)

R.T.: 6.628 min
Delta R.T.: -0.014 min
Response: 3307143
Conc: 21.18 ug/ml



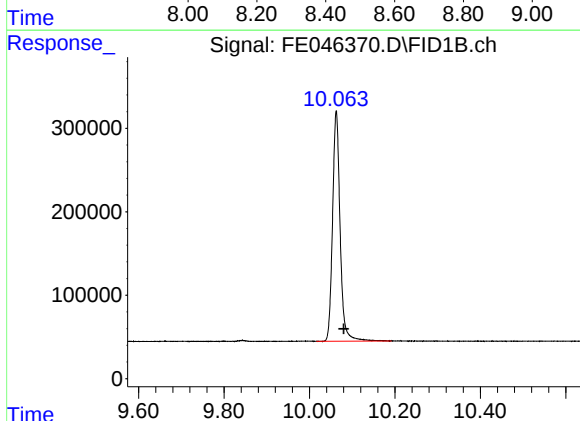
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.261 min
Delta R.T.: -0.013 min
Response: 3323346
Conc: 20.87 ug/ml



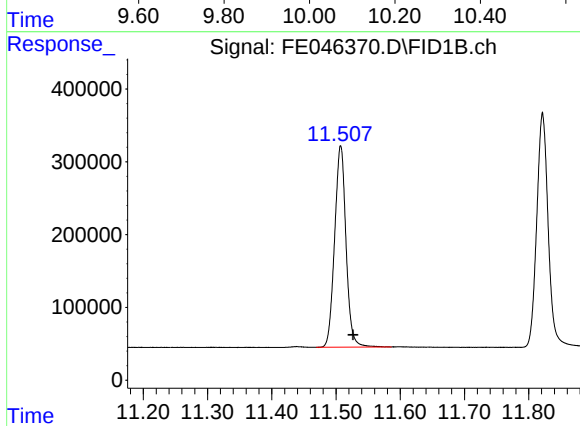
#6 n-Tetradecane (C14)

R.T.: 8.454 min
Delta R.T.: -0.016 min
Response: 3286317
Conc: 21.10 ug/ml



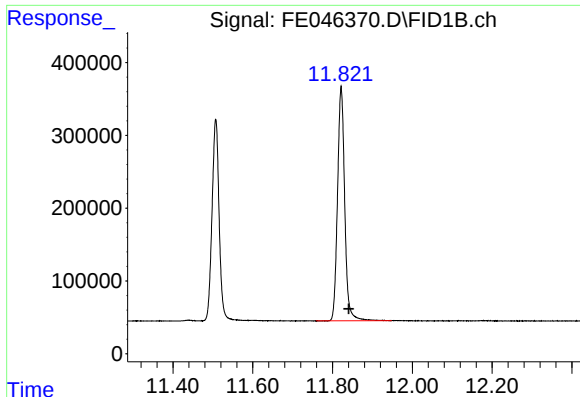
#7 n-Hexadecane (C16)

R.T.: 10.063 min
Delta R.T.: -0.018 min
Response: 3375267
Conc: 21.31 ug/ml



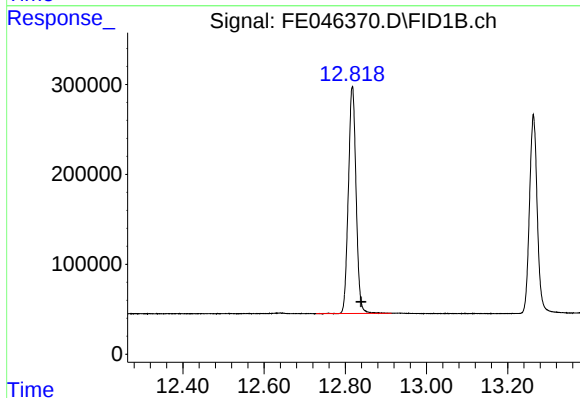
#8 n-Octadecane (C18)

R.T.: 11.507 min
Delta R.T.: -0.019 min
Response: 3408354
Conc: 21.66 ug/ml



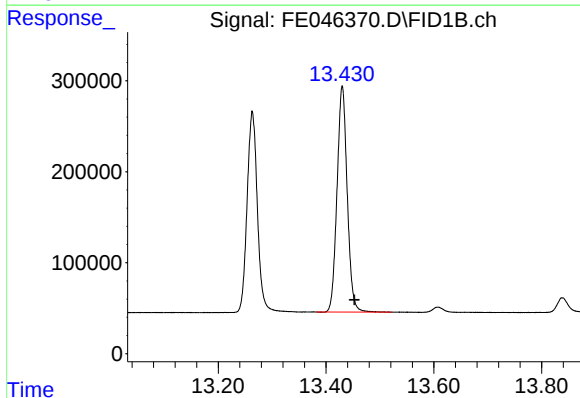
#9 ortho-Terphenyl (SURR)

R.T.: 11.822 min
Delta R.T.: -0.019 min
Response: 4022178
Conc: 22.13 ug/ml



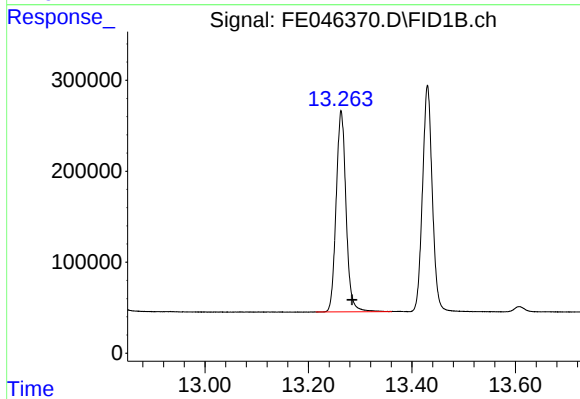
#10 n-Eicosane (C20)

R.T.: 12.817 min
Delta R.T.: -0.021 min
Response: 3329201
Conc: 22.01 ug/ml



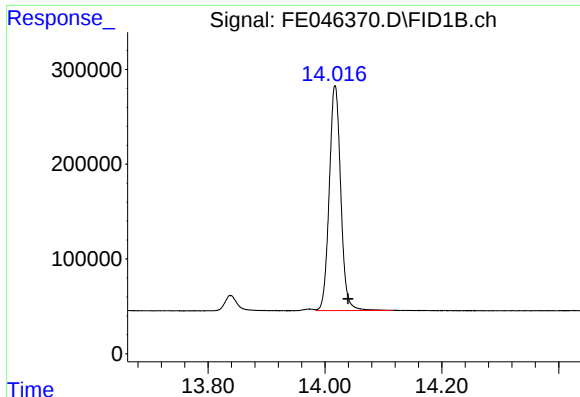
#11 n-Heneicosane (C21)

R.T.: 13.430 min
Delta R.T.: -0.022 min
Response: 3258672
Conc: 22.16 ug/ml



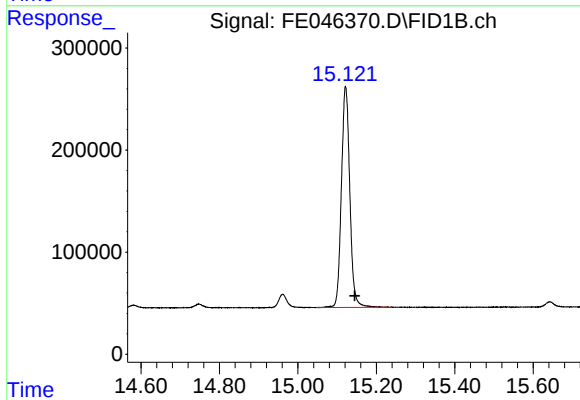
#12 1-chlorooctadecane (SURR)

R.T.: 13.263 min
Delta R.T.: -0.021 min
Response: 2936282
Conc: 21.98 ug/ml



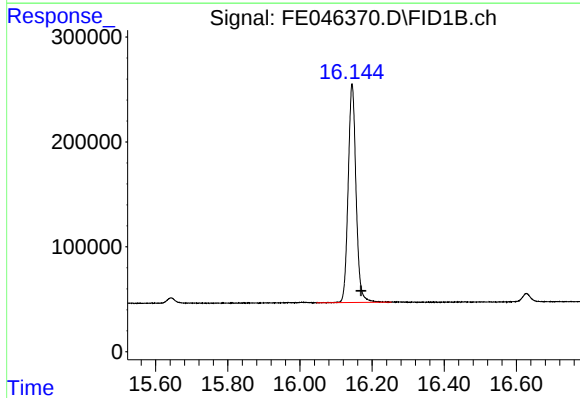
#13 n-Docosane (C22)

R.T.: 14.017 min
Delta R.T.: -0.022 min
Response: 3241899
Conc: 22.18 ug/ml



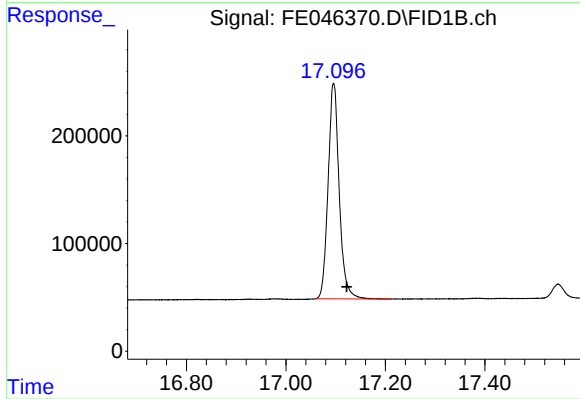
#14 n-Tetracosane (C24)

R.T.: 15.122 min
Delta R.T.: -0.024 min
Response: 3226589
Conc: 22.25 ug/ml



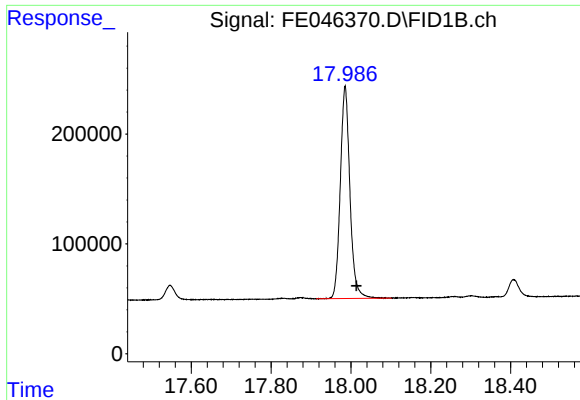
#15 n-Hexacosane (C26)

R.T.: 16.145 min
Delta R.T.: -0.025 min
Response: 3149578
Conc: 21.97 ug/ml



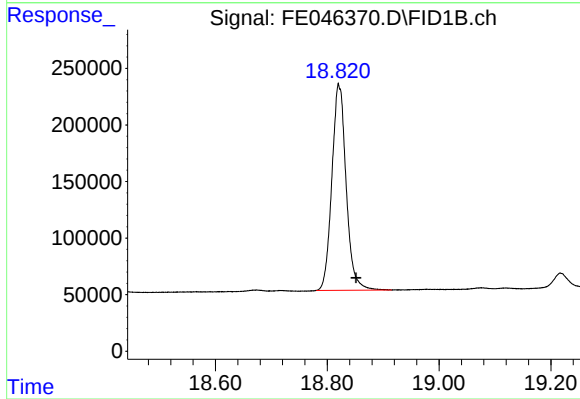
#16 n-Octacosane (C28)

R.T.: 17.096 min
Delta R.T.: -0.027 min
Response: 3100584
Conc: 21.62 ug/ml



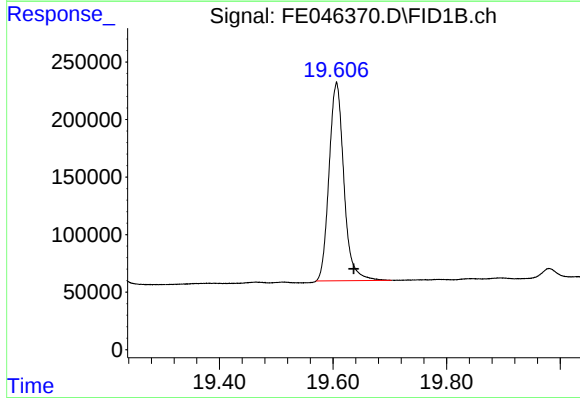
#17 n-Tricontane (C30)

R.T.: 17.986 min
Delta R.T.: -0.028 min
Response: 3236689
Conc: 21.78 ug/ml



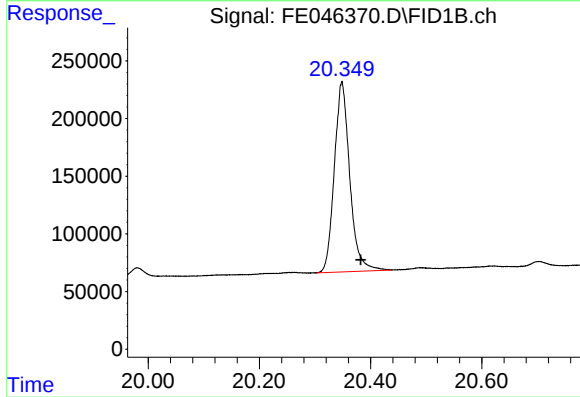
#18 n-Dotriacontane (C32)

R.T.: 18.821 min
Delta R.T.: -0.031 min
Response: 3229207
Conc: 21.59 ug/ml



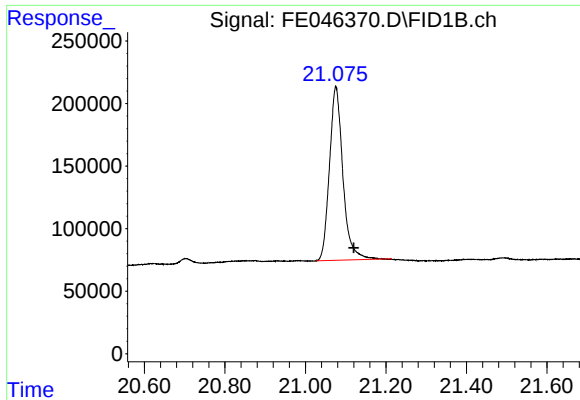
#19 n-Tetratriacontane (C34)

R.T.: 19.606 min
Delta R.T.: -0.030 min
Response: 3122180
Conc: 21.79 ug/ml



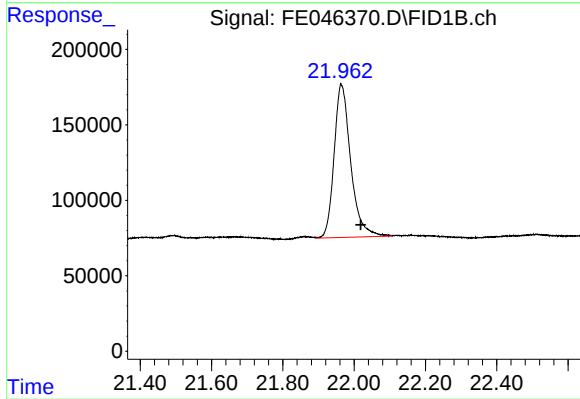
#20 n-Hexatriacontane (C36)

R.T.: 20.349 min
Delta R.T.: -0.033 min
Response: 3177794
Conc: 21.80 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 21.075 min
Delta R.T.: -0.045 min
Response: 3215549
Conc: 21.81 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.963 min
Delta R.T.: -0.055 min
Response: 3278641
Conc: 20.95 ug/ml