

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE031323AL\
 Data File : FE040775.D
 Signal(s) : FID1B.ch
 Acq On : 13 Mar 2023 21:40
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Mar 14 01:43:50 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 022823.M
 Quant Title : GC Extractables
 QLast Update : Tue Feb 28 03:05:09 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)	11.879	3670964	19.651 ug/ml
Spiked Amount 50.000		Recovery =	39.30%
12) S 1-chlorooctadecane (S...	13.318	2868222	19.379 ug/ml
Spiked Amount 50.000		Recovery =	38.76%
Target Compounds			
1) T n-Nonane (C9)	3.274	3198338	20.785 ug/ml
2) T n-Decane (C10)	4.521	3193173	21.225 ug/ml
3) T A~Naphthalene (C11.7)	6.224	3497379	21.085 ug/ml
4) T n-Dodecane (C12)	6.686	3241797	21.176 ug/ml
5) T A~2-methylnaphthalene...	7.320	3248259	21.463 ug/ml
6) T n-Tetradecane (C14)	8.513	3305428	21.387 ug/ml
7) T n-Hexadecane (C16)	10.120	3423712	21.197 ug/ml
8) T n-Octadecane (C18)	11.563	3488630	20.546 ug/ml
10) T n-Eicosane (C20)	12.874	3389563	20.037 ug/ml
11) T n-Heneicosane (C21)	13.485	3361160	19.615 ug/ml
13) T n-Docosane (C22)	14.072	3377025	19.713 ug/ml
14) T n-Tetracosane (C24)	15.177	3416389	19.818 ug/ml
15) T n-Hexacosane (C26)	16.200	3376779	19.868 ug/ml
16) T n-Octacosane (C28)	17.150	3475641	20.725 ug/ml
17) T n-Tricontane (C30)	18.040	3662206	22.429 ug/ml
18) T n-Dotriacontane (C32)	18.873	3657282	21.369 ug/ml
19) T n-Tetratriacontane (C34)	19.659	3360581	21.736 ug/ml
20) T n-Hexatriacontane (C36)	20.400	2941681	20.248 ug/ml
21) T n-Octatriacontane (C38)	21.131	2782860	20.245 ug/ml
22) T n-Tetracontane (C40)	22.024	2786800	18.035 ug/ml

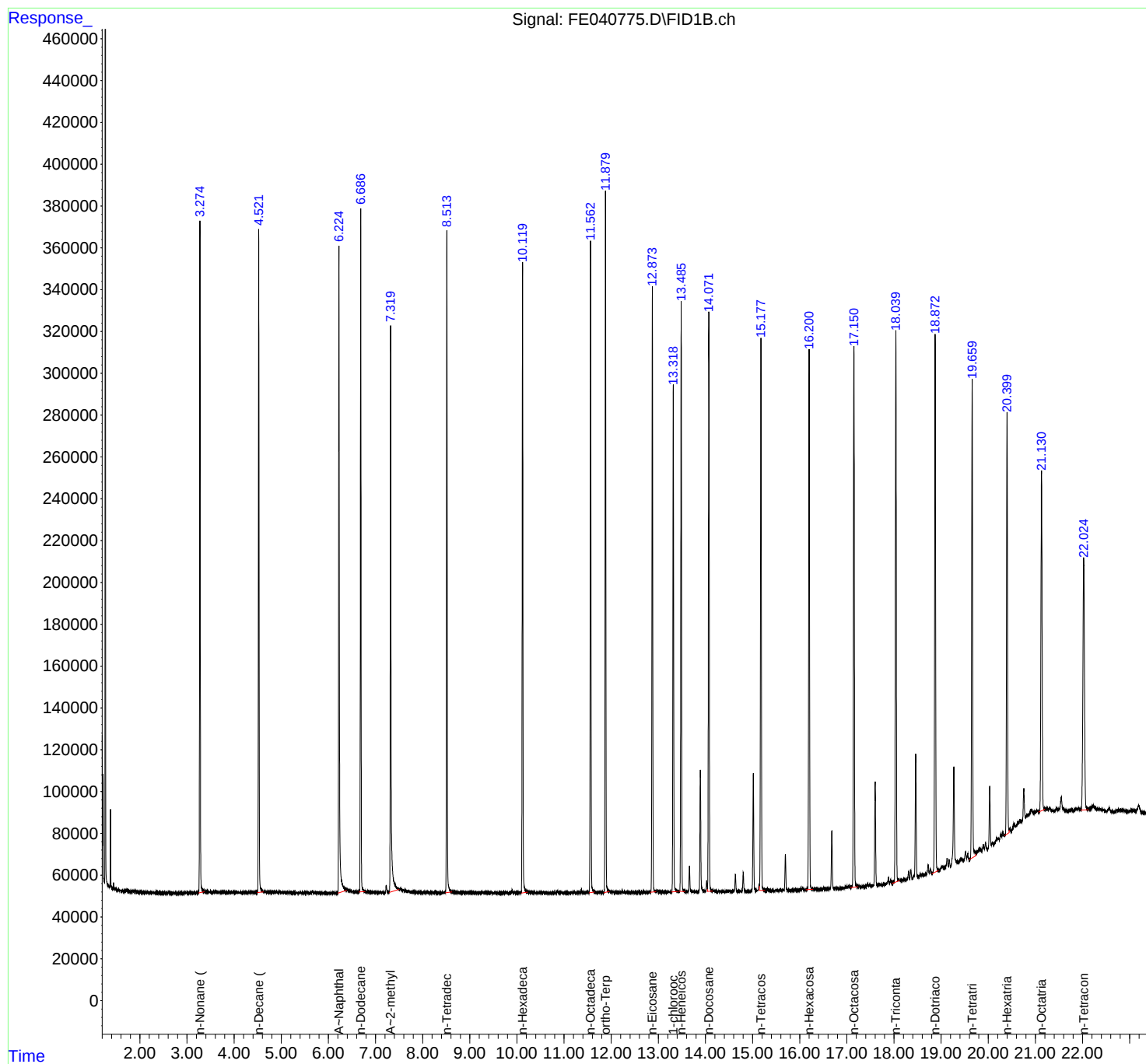
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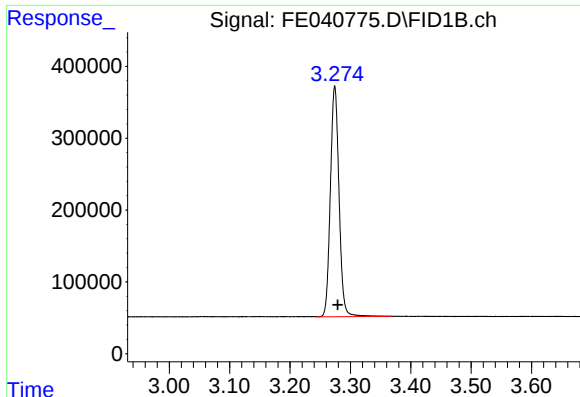
(m)=manual int.

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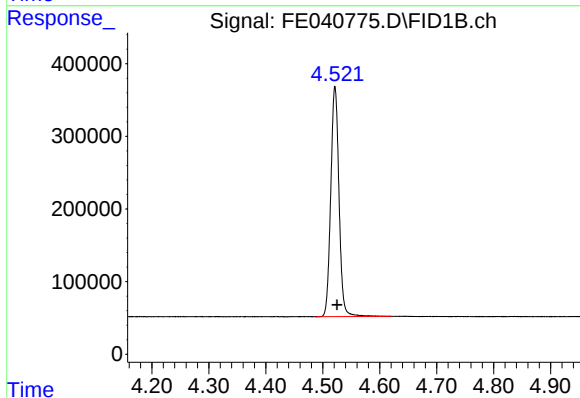
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Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





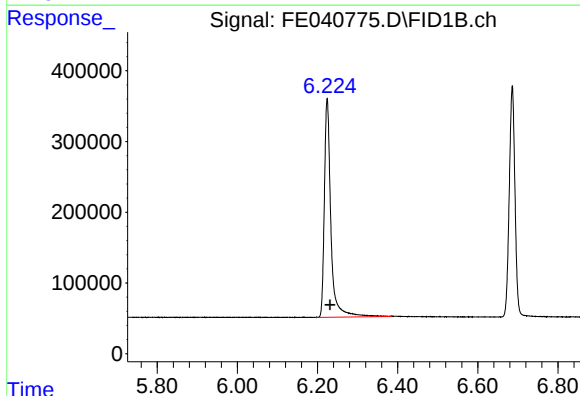
#1 n-Nonane (C9)

R.T.: 3.274 min
Delta R.T.: -0.005 min
Response: 3198338
Conc: 20.79 ug/ml



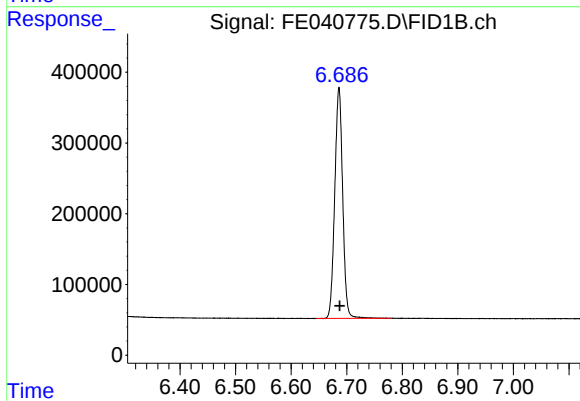
#2 n-Decane (C10)

R.T.: 4.521 min
Delta R.T.: -0.004 min
Response: 3193173
Conc: 21.22 ug/ml



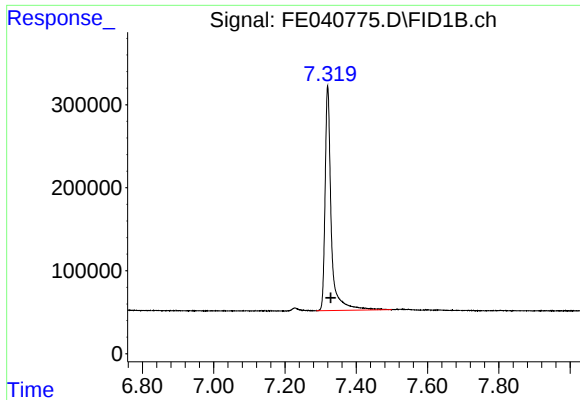
#3 A~Naphthalene (C11.7)

R.T.: 6.224 min
Delta R.T.: -0.007 min
Response: 3497379
Conc: 21.09 ug/ml



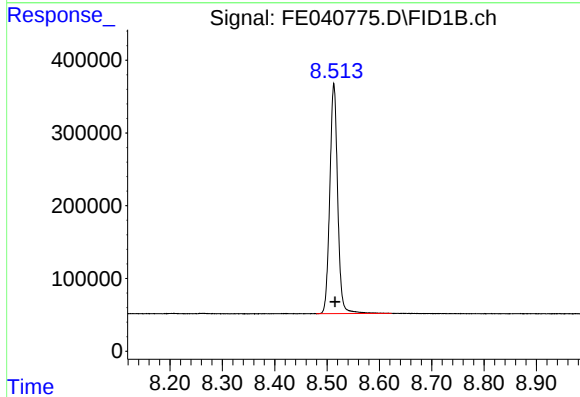
#4 n-Dodecane (C12)

R.T.: 6.686 min
Delta R.T.: -0.002 min
Response: 3241797
Conc: 21.18 ug/ml



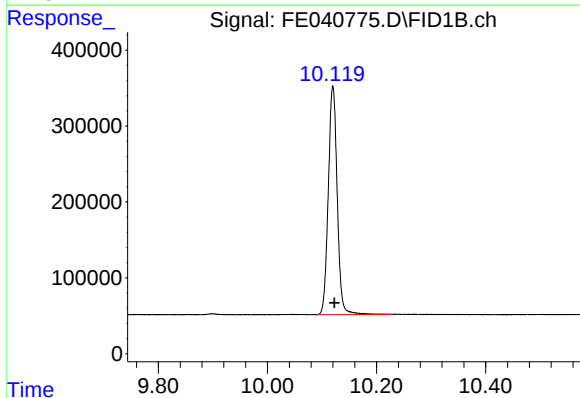
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.320 min
Delta R.T.: -0.009 min
Response: 3248259
Conc: 21.46 ug/ml



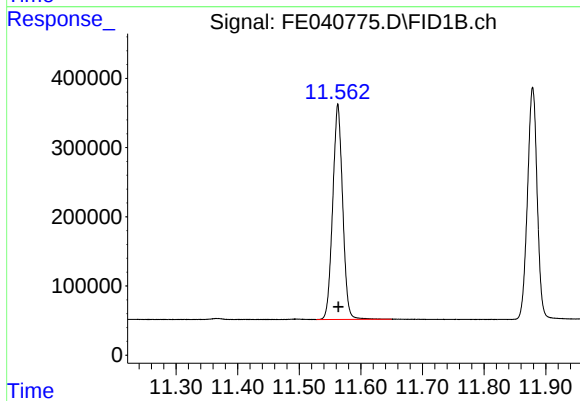
#6 n-Tetradecane (C14)

R.T.: 8.513 min
Delta R.T.: -0.002 min
Response: 3305428
Conc: 21.39 ug/ml



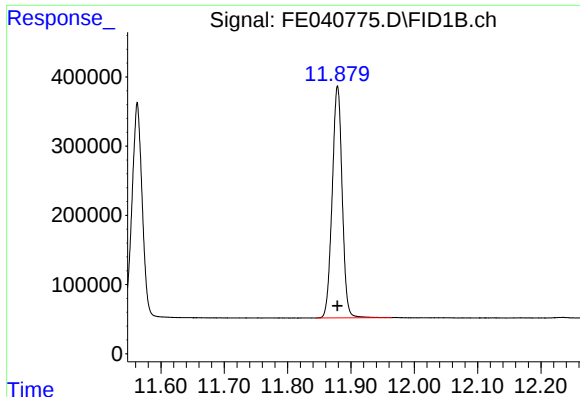
#7 n-Hexadecane (C16)

R.T.: 10.120 min
Delta R.T.: -0.003 min
Response: 3423712
Conc: 21.20 ug/ml



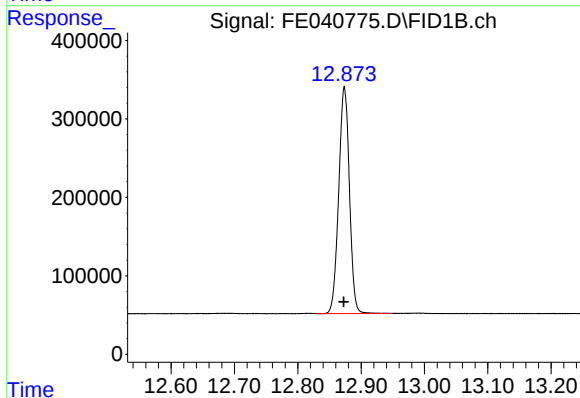
#8 n-Octadecane (C18)

R.T.: 11.563 min
Delta R.T.: 0.000 min
Response: 3488630
Conc: 20.55 ug/ml



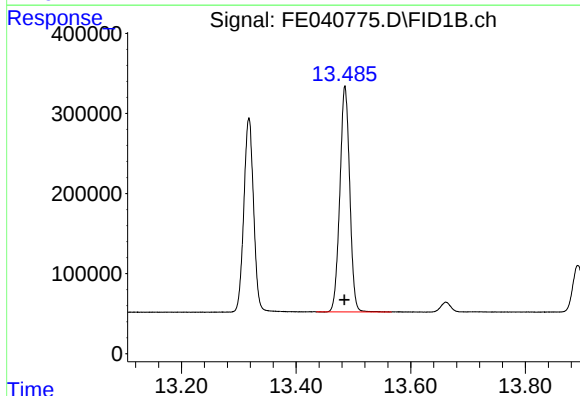
#9 ortho-Terphenyl (SURR)

R.T.: 11.879 min
Delta R.T.: 0.000 min
Response: 3670964
Conc: 19.65 ug/ml



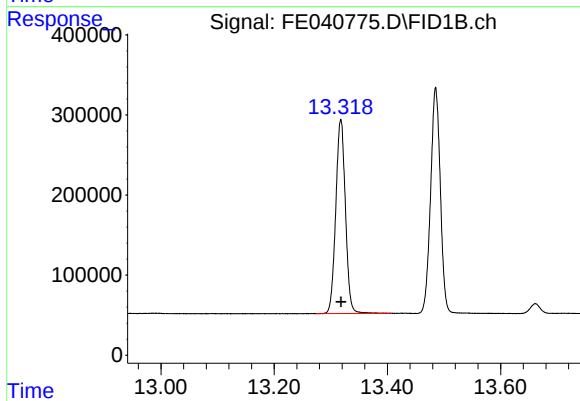
#10 n-Eicosane (C20)

R.T.: 12.874 min
Delta R.T.: 0.000 min
Response: 3389563
Conc: 20.04 ug/ml



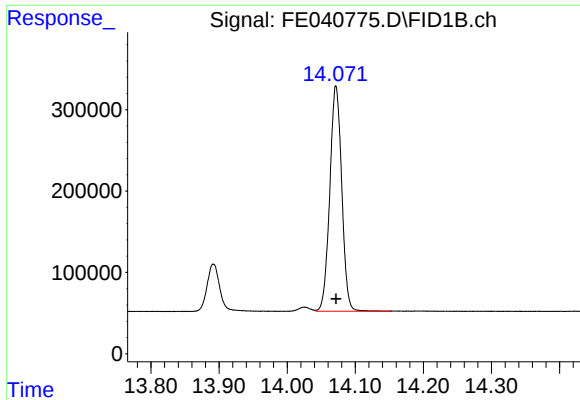
#11 n-Heneicosane (C21)

R.T.: 13.485 min
Delta R.T.: 0.001 min
Response: 3361160
Conc: 19.61 ug/ml



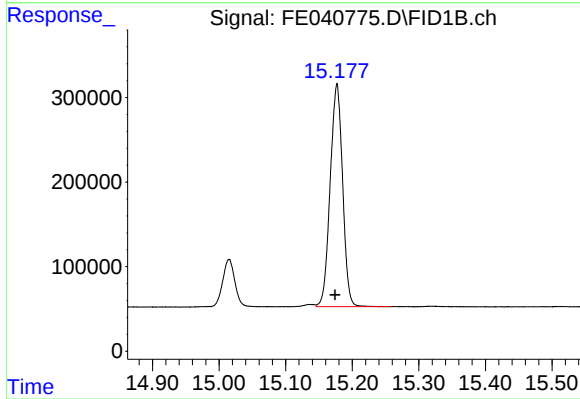
#12 1-chlorooctadecane (SURR)

R.T.: 13.318 min
Delta R.T.: 0.000 min
Response: 2868222
Conc: 19.38 ug/ml



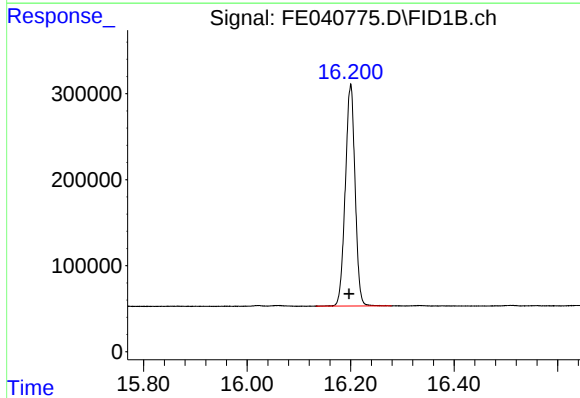
#13 n-Docosane (C22)

R.T.: 14.072 min
Delta R.T.: 0.000 min
Response: 3377025
Conc: 19.71 ug/ml



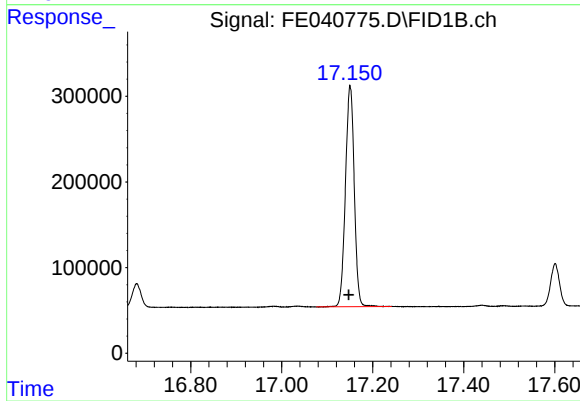
#14 n-Tetracosane (C24)

R.T.: 15.177 min
Delta R.T.: 0.003 min
Response: 3416389
Conc: 19.82 ug/ml



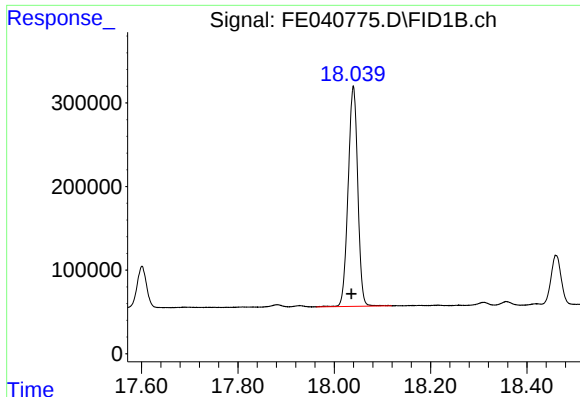
#15 n-Hexacosane (C26)

R.T.: 16.200 min
Delta R.T.: 0.004 min
Response: 3376779
Conc: 19.87 ug/ml



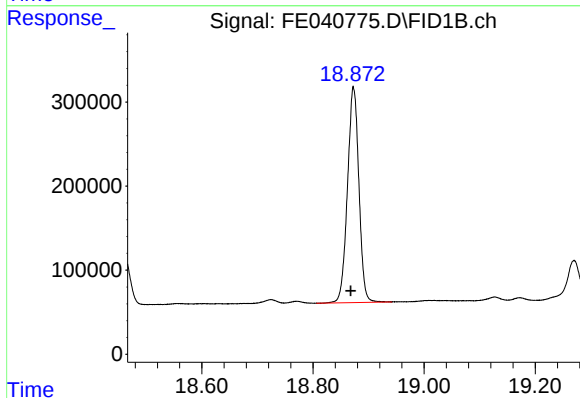
#16 n-Octacosane (C28)

R.T.: 17.150 min
Delta R.T.: 0.003 min
Response: 3475641
Conc: 20.72 ug/ml



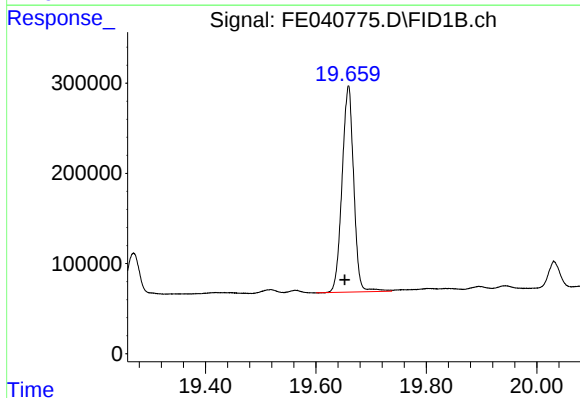
#17 n-Tricontane (C30)

R.T.: 18.040 min
Delta R.T.: 0.004 min
Response: 3662206
Conc: 22.43 ug/ml



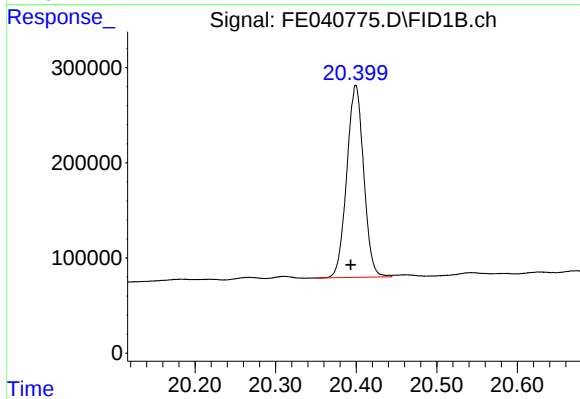
#18 n-Dotriacontane (C32)

R.T.: 18.873 min
Delta R.T.: 0.005 min
Response: 3657282
Conc: 21.37 ug/ml



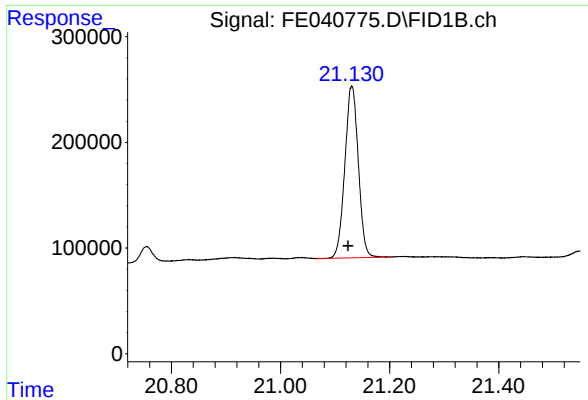
#19 n-Tetratriacontane (C34)

R.T.: 19.659 min
Delta R.T.: 0.007 min
Response: 3360581
Conc: 21.74 ug/ml



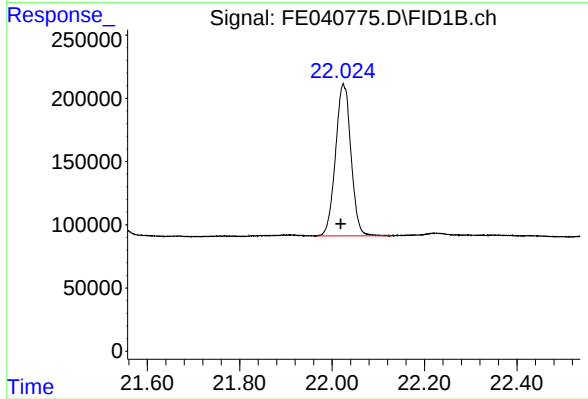
#20 n-Hexatriacontane (C36)

R.T.: 20.400 min
Delta R.T.: 0.006 min
Response: 2941681
Conc: 20.25 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.131 min
Delta R.T.: 0.007 min
Response: 2782860
Conc: 20.25 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.024 min
Delta R.T.: 0.006 min
Response: 2786800
Conc: 18.04 ug/ml