

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE031423AL\
 Data File : FE040802.D
 Signal(s) : FID1B.ch
 Acq On : 15 Mar 2023 01:05
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Mar 15 02:28:39 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)	11.878	3720662	19.917 ug/ml
Spiked Amount 50.000		Recovery =	39.83%
12) S 1-chlorooctadecane (S...	13.317	2911244	19.670 ug/ml
Spiked Amount 50.000		Recovery =	39.34%
Target Compounds			
1) T n-Nonane (C9)	3.272	3324252	21.604 ug/ml
2) T n-Decane (C10)	4.520	3331215	22.142 ug/ml
3) T A~Naphthalene (C11.7)	6.222	3629187	21.880 ug/ml
4) T n-Dodecane (C12)	6.684	3374874	22.045 ug/ml
5) T A~2-methylnaphthalene...	7.318	3360811	22.206 ug/ml
6) T n-Tetradecane (C14)	8.511	3427432	22.176 ug/ml
7) T n-Hexadecane (C16)	10.119	3518625	21.784 ug/ml
8) T n-Octadecane (C18)	11.562	3556935	20.948 ug/ml
10) T n-Eicosane (C20)	12.872	3447286	20.378 ug/ml
11) T n-Heneicosane (C21)	13.485	3402871	19.858 ug/ml
13) T n-Docosane (C22)	14.071	3423742	19.985 ug/ml
14) T n-Tetracosane (C24)	15.175	3466558	20.109 ug/ml
15) T n-Hexacosane (C26)	16.198	3436290	20.218 ug/ml
16) T n-Octacosane (C28)	17.150	3569218	21.283 ug/ml
17) T n-Tricontane (C30)	18.038	3817620	23.380 ug/ml
18) T n-Dotriacontane (C32)	18.872	3863883	22.576 ug/ml
19) T n-Tetratriacontane (C34)	19.657	3487361	22.556 ug/ml
20) T n-Hexatriacontane (C36)	20.399	3092344	21.285 ug/ml
21) T n-Octatriacontane (C38)	21.130	2932443	21.333 ug/ml
22) T n-Tetracontane (C40)	22.023	2981325	19.294 ug/ml

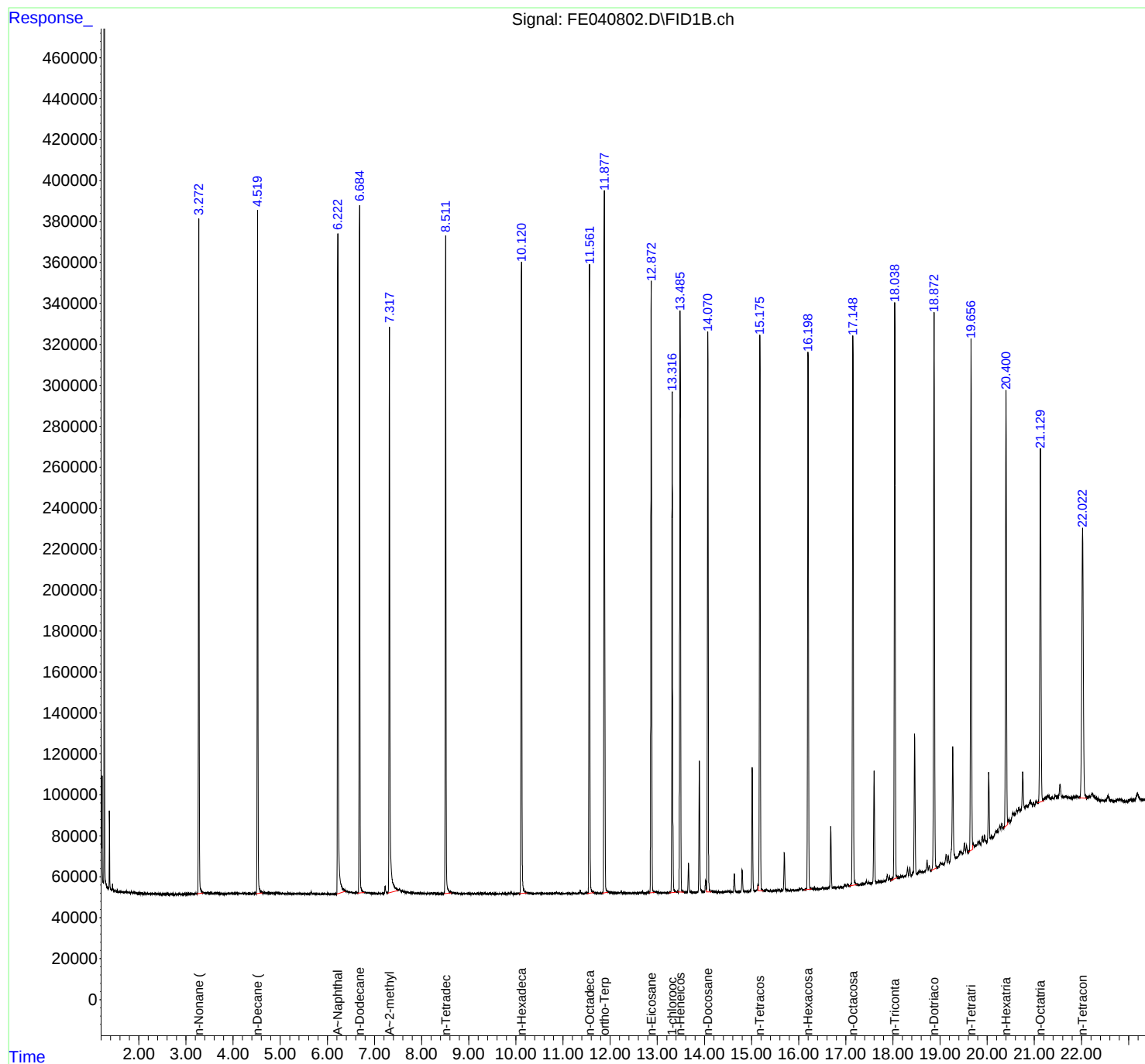
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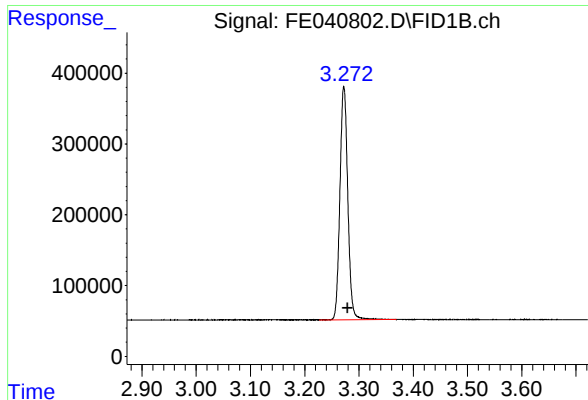
(m)=manual int.

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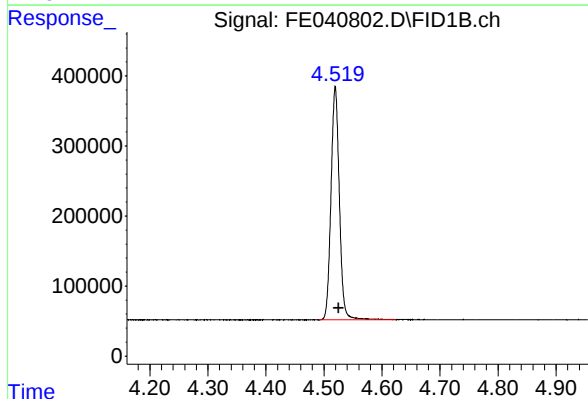
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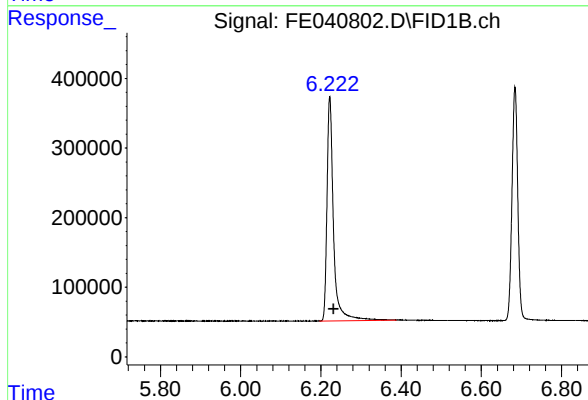
#1 n-Nonane (C9)

R.T.: 3.272 min
Delta R.T.: -0.007 min
Response: 3324252
Conc: 21.60 ug/ml



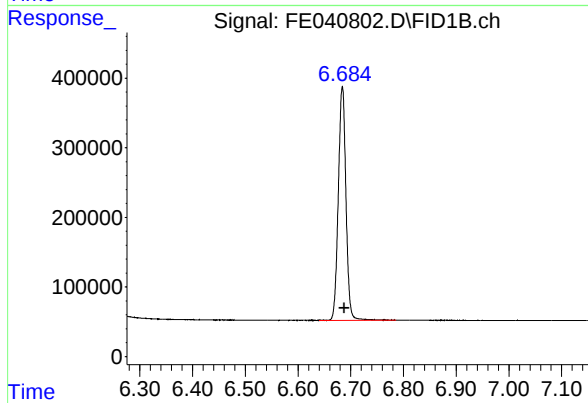
#2 n-Decane (C10)

R.T.: 4.520 min
Delta R.T.: -0.005 min
Response: 3331215
Conc: 22.14 ug/ml



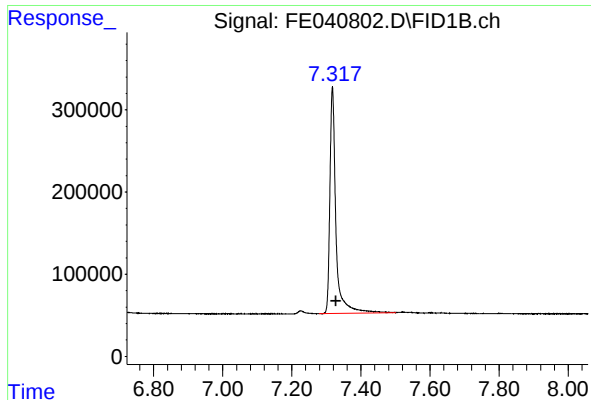
#3 A~Naphthalene (C11.7)

R.T.: 6.222 min
Delta R.T.: -0.009 min
Response: 3629187
Conc: 21.88 ug/ml



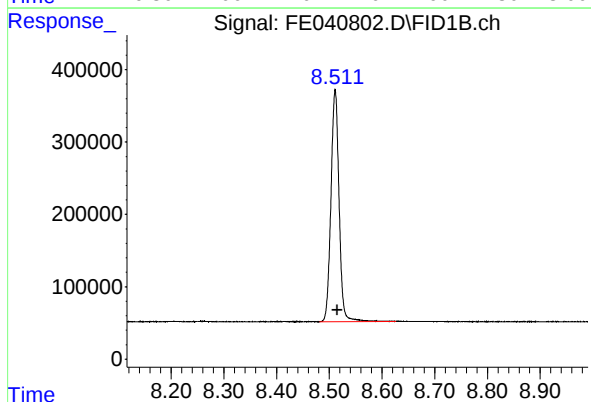
#4 n-Dodecane (C12)

R.T.: 6.684 min
Delta R.T.: -0.004 min
Response: 3374874
Conc: 22.05 ug/ml



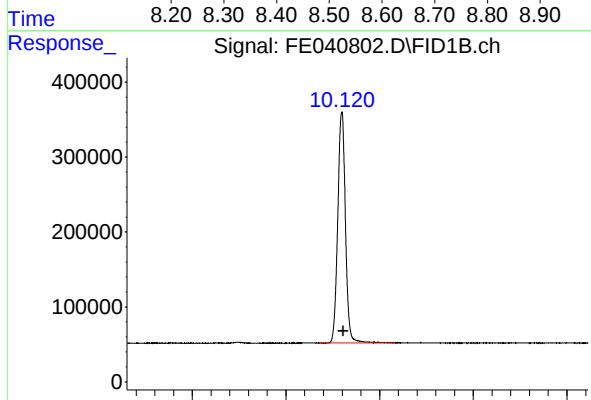
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.318 min
Delta R.T.: -0.011 min
Response: 3360811
Conc: 22.21 ug/ml



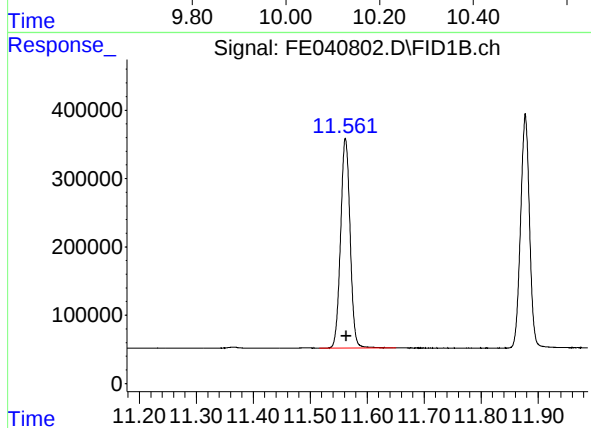
#6 n-Tetradecane (C14)

R.T.: 8.511 min
Delta R.T.: -0.004 min
Response: 3427432
Conc: 22.18 ug/ml



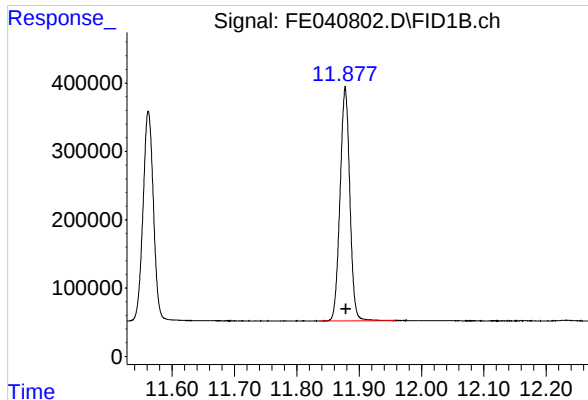
#7 n-Hexadecane (C16)

R.T.: 10.119 min
Delta R.T.: -0.003 min
Response: 3518625
Conc: 21.78 ug/ml



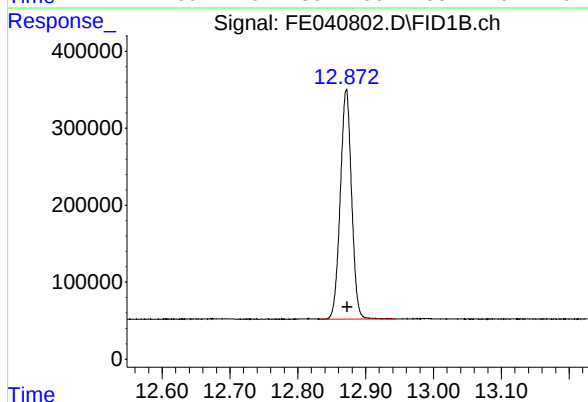
#8 n-Octadecane (C18)

R.T.: 11.562 min
Delta R.T.: -0.002 min
Response: 3556935
Conc: 20.95 ug/ml



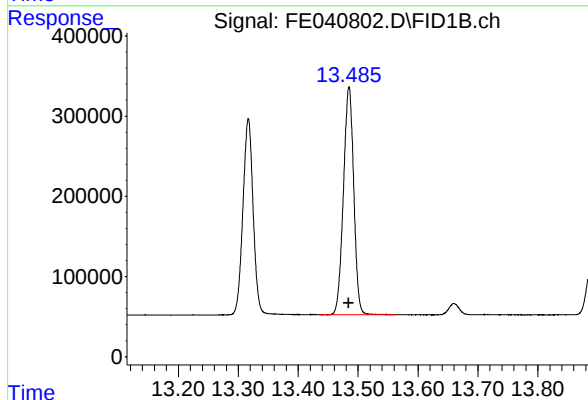
#9 ortho-Terphenyl (SURR)

R.T.: 11.878 min
Delta R.T.: 0.000 min
Response: 3720662
Conc: 19.92 ug/ml



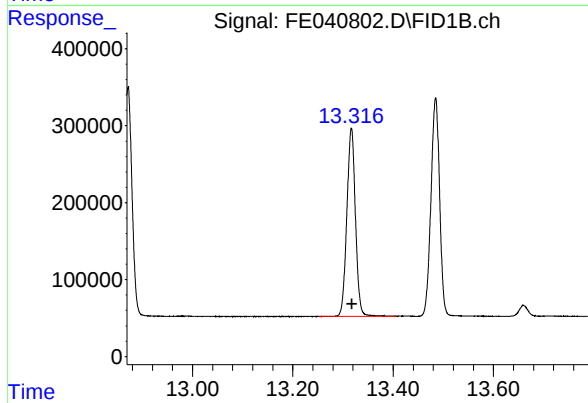
#10 n-Eicosane (C20)

R.T.: 12.872 min
Delta R.T.: -0.001 min
Response: 3447286
Conc: 20.38 ug/ml



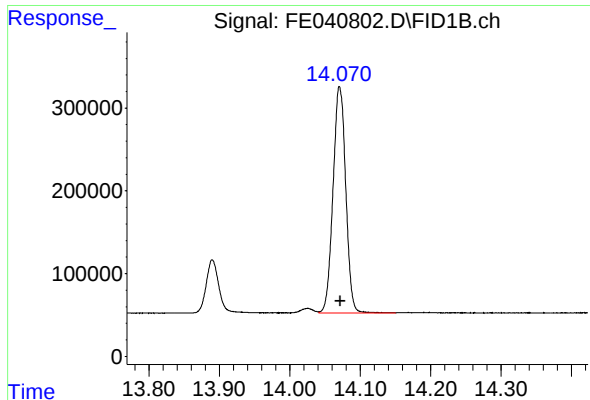
#11 n-Heneicosane (C21)

R.T.: 13.485 min
Delta R.T.: 0.000 min
Response: 3402871
Conc: 19.86 ug/ml



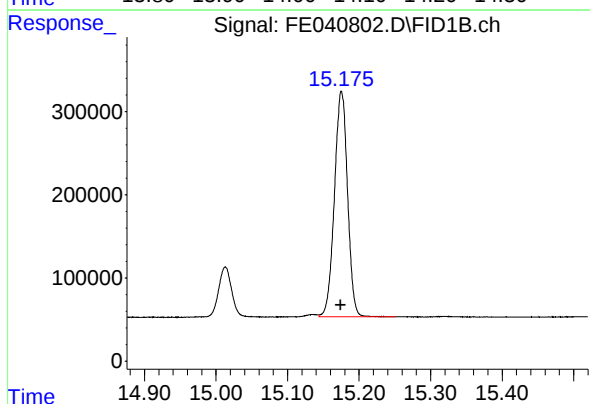
#12 1-chlorooctadecane (SURR)

R.T.: 13.317 min
Delta R.T.: -0.001 min
Response: 2911244
Conc: 19.67 ug/ml



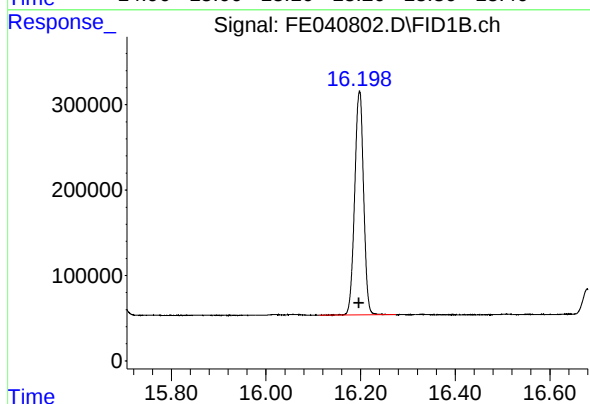
#13 n-Docosane (C22)

R.T.: 14.071 min
Delta R.T.: -0.001 min
Response: 3423742
Conc: 19.99 ug/ml



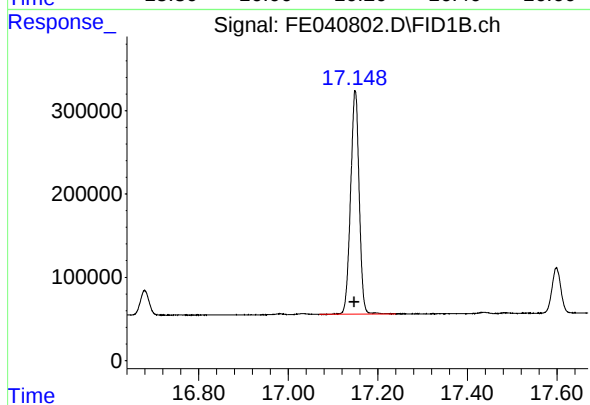
#14 n-Tetracosane (C24)

R.T.: 15.175 min
Delta R.T.: 0.001 min
Response: 3466558
Conc: 20.11 ug/ml



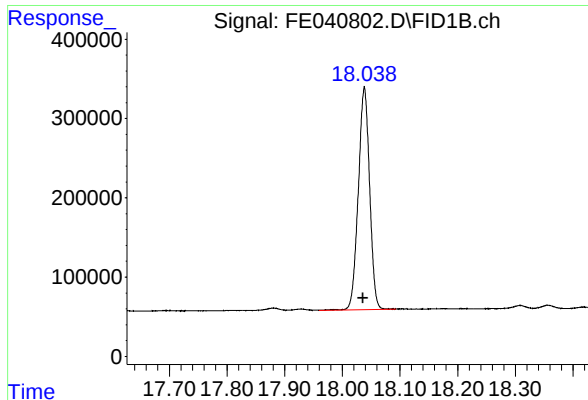
#15 n-Hexacosane (C26)

R.T.: 16.198 min
Delta R.T.: 0.001 min
Response: 3436290
Conc: 20.22 ug/ml



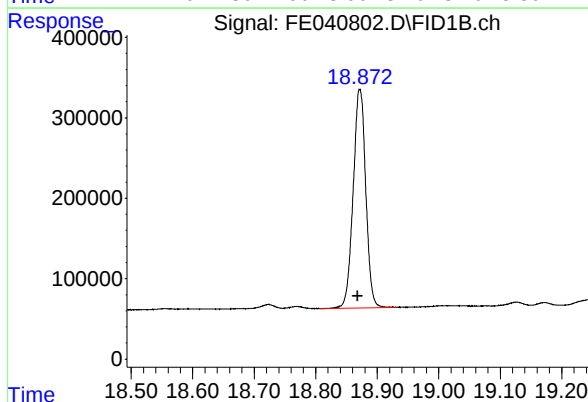
#16 n-Octacosane (C28)

R.T.: 17.150 min
Delta R.T.: 0.002 min
Response: 3569218
Conc: 21.28 ug/ml



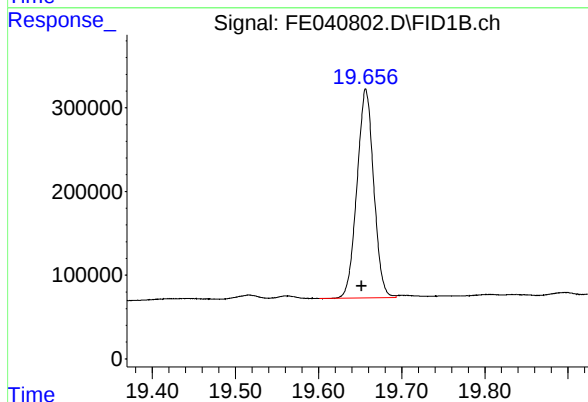
#17 n-Tricontane (C30)

R.T.: 18.038 min
Delta R.T.: 0.002 min
Response: 3817620
Conc: 23.38 ug/ml



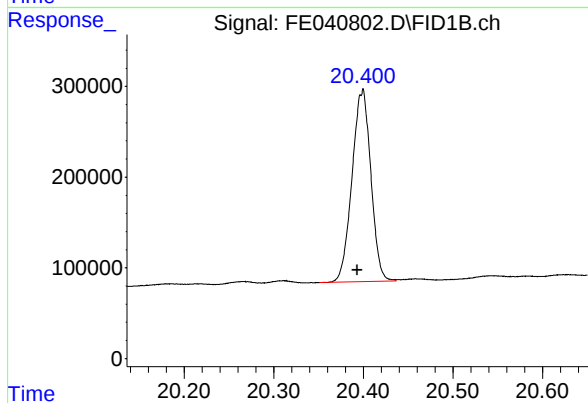
#18 n-Dotriacontane (C32)

R.T.: 18.872 min
Delta R.T.: 0.004 min
Response: 3863883
Conc: 22.58 ug/ml



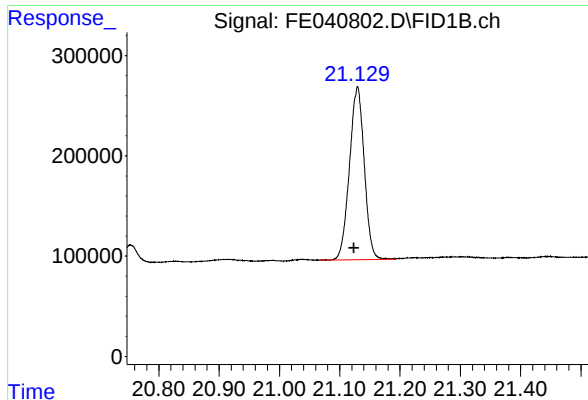
#19 n-Tetratriacontane (C34)

R.T.: 19.657 min
Delta R.T.: 0.005 min
Response: 3487361
Conc: 22.56 ug/ml



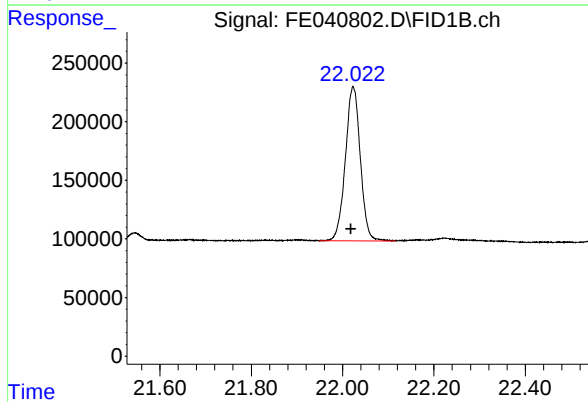
#20 n-Hexatriacontane (C36)

R.T.: 20.399 min
Delta R.T.: 0.006 min
Response: 3092344
Conc: 21.29 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.130 min
Delta R.T.: 0.006 min
Response: 2932443
Conc: 21.33 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.023 min
Delta R.T.: 0.005 min
Response: 2981325
Conc: 19.29 ug/ml