

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE022423AL\
 Data File : FE040539.D
 Signal(s) : FID1B.ch
 Acq On : 24 Feb 2023 12:20
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 25 04:00:45 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 020223.M
 Quant Title : GC Extractables
 QLast Update : Thu Feb 02 04:52:48 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	3668819	22.666 ug/ml
Spiked Amount 50.000		Recovery =	45.33%
12) S 1-chlorooctadecane (S...	13.317	2692797	21.712 ug/ml
Spiked Amount 50.000		Recovery =	43.42%
Target Compounds			
1) T n-Nonane (C9)	3.275	3063843	22.511 ug/ml
2) T n-Decane (C10)	4.524	2984127	22.459 ug/ml
3) T A~Naphthalene (C11.7)	6.226	3290398	22.483 ug/ml
4) T n-Dodecane (C12)	6.689	3027483	22.486 ug/ml
5) T A~2-methylnaphthalene...	7.322	2997721	22.147 ug/ml
6) T n-Tetradecane (C14)	8.514	3062623	22.223 ug/ml
7) T n-Hexadecane (C16)	10.122	3174298	22.118 ug/ml
8) T n-Octadecane (C18)	11.564	3302493	22.201 ug/ml
10) T n-Eicosane (C20)	12.873	3260714	22.179 ug/ml
11) T n-Heneicosane (C21)	13.486	3291340	22.315 ug/ml
13) T n-Docosane (C22)	14.072	3251048	21.941 ug/ml
14) T n-Tetracosane (C24)	15.175	3220763	21.217 ug/ml
15) T n-Hexacosane (C26)	16.197	3116876	21.025 ug/ml
16) T n-Octacosane (C28)	17.147	3030051	20.219 ug/ml
17) T n-Tricontane (C30)	18.034	2932633	19.876 ug/ml
18) T n-Dotriacontane (C32)	18.867	2879125	19.658 ug/ml
19) T n-Tetratriacontane (C34)	19.652	2801295	20.366 ug/ml
20) T n-Hexatriacontane (C36)	20.391	2603151	19.625 ug/ml
21) T n-Octatriacontane (C38)	21.121	2336868	18.013 ug/ml
22) T n-Tetracontane (C40)	22.014	2308037	17.384 ug/ml

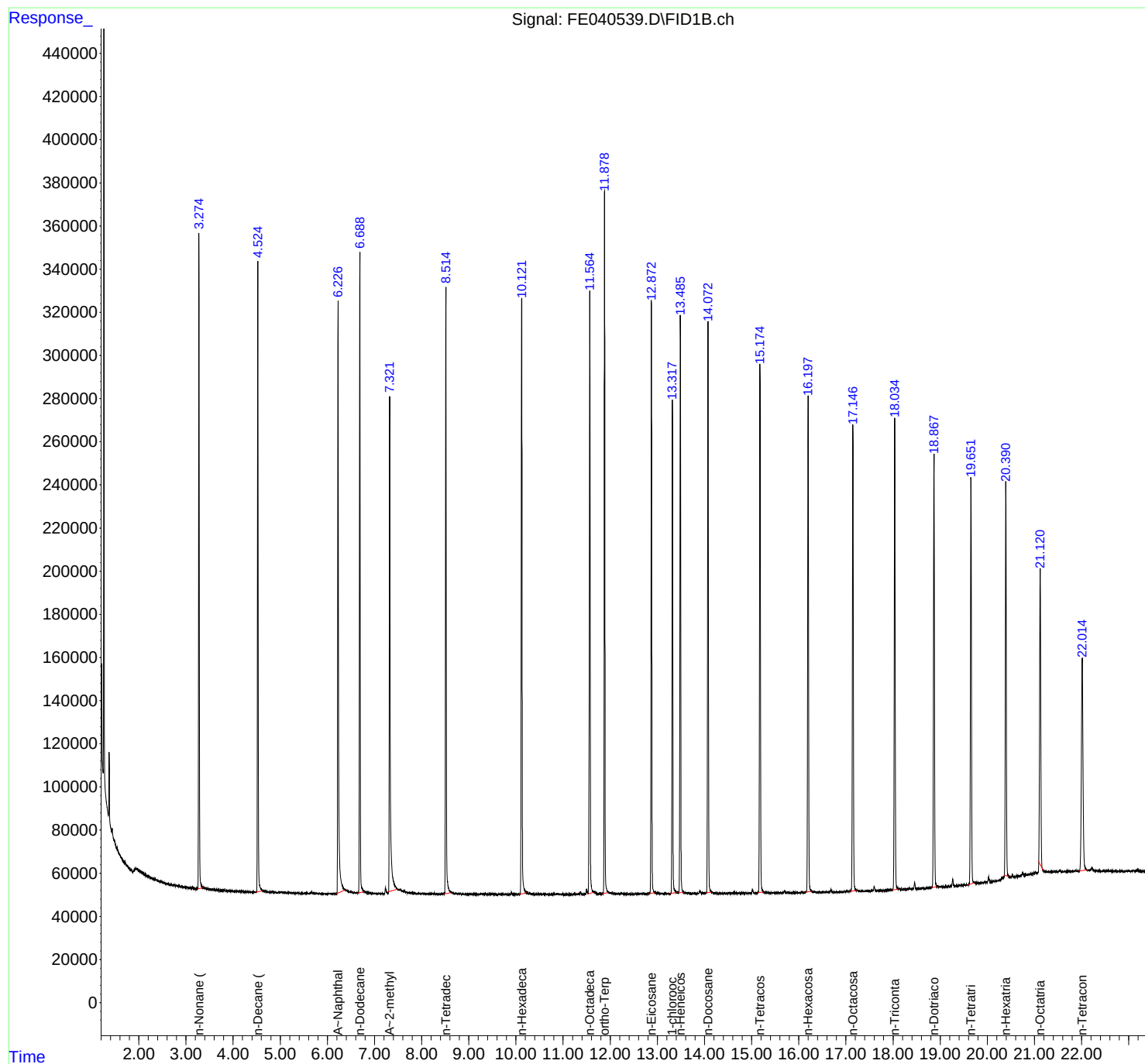
(f)=RT Delta > 1/2 Window

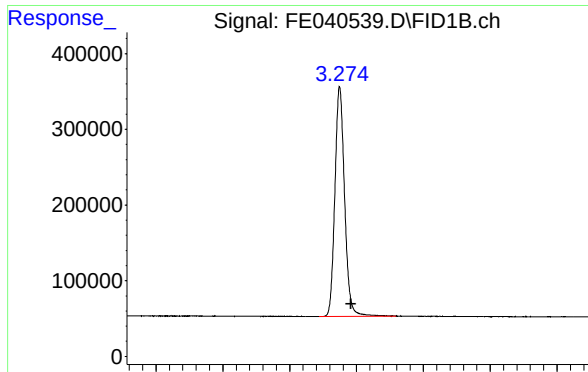
(m)=manual int.

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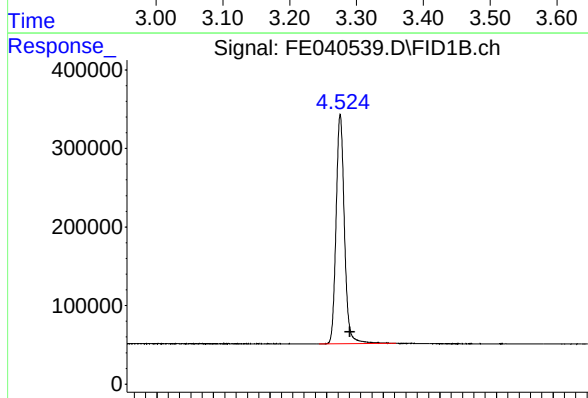
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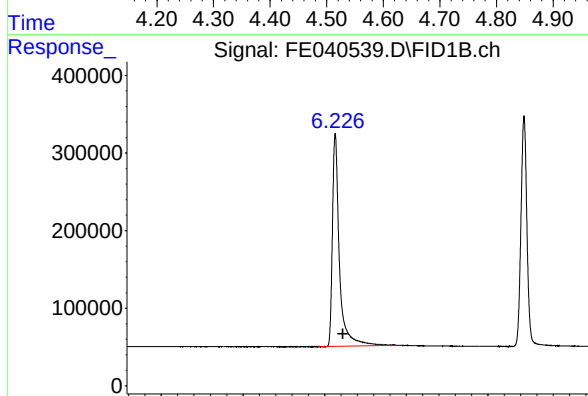
#1 n-Nonane (C9)

R.T.: 3.275 min
Delta R.T.: -0.017 min
Response: 3063843
Conc: 22.51 ug/ml



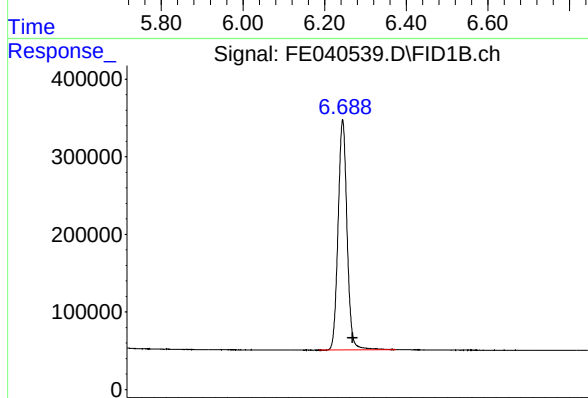
#2 n-Decane (C10)

R.T.: 4.524 min
Delta R.T.: -0.017 min
Response: 2984127
Conc: 22.46 ug/ml



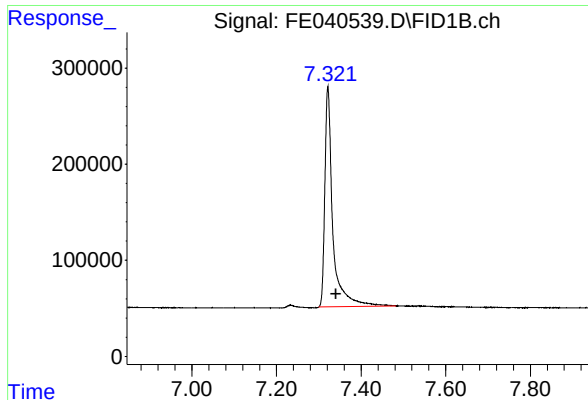
#3 A~Naphthalene (C11.7)

R.T.: 6.226 min
Delta R.T.: -0.020 min
Response: 3290398
Conc: 22.48 ug/ml



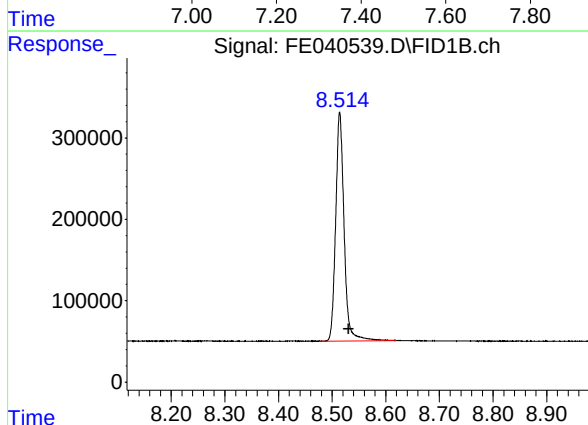
#4 n-Dodecane (C12)

R.T.: 6.689 min
Delta R.T.: -0.016 min
Response: 3027483
Conc: 22.49 ug/ml



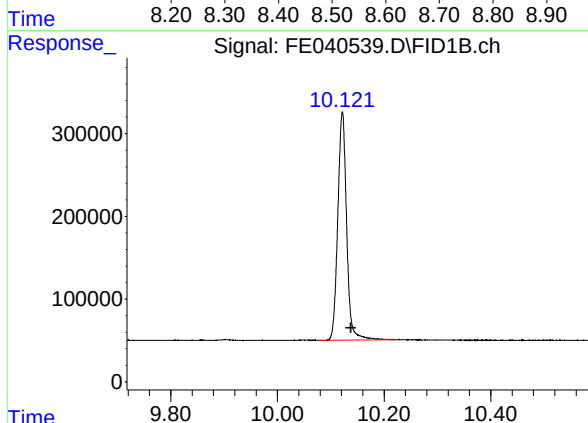
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.322 min
Delta R.T.: -0.019 min
Response: 2997721
Conc: 22.15 ug/ml



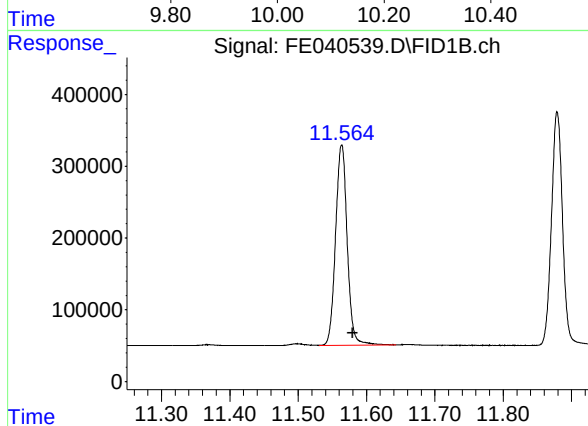
#6 n-Tetradecane (C14)

R.T.: 8.514 min
Delta R.T.: -0.016 min
Response: 3062623
Conc: 22.22 ug/ml



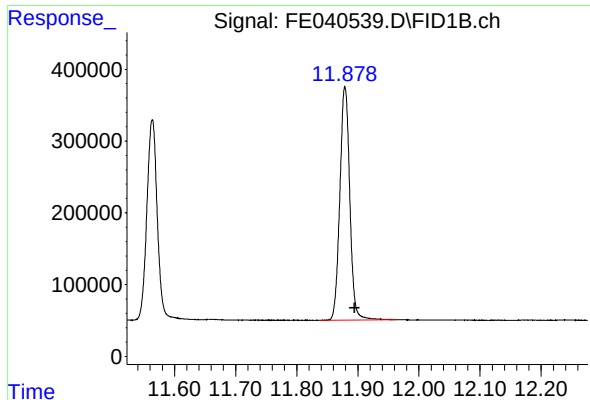
#7 n-Hexadecane (C16)

R.T.: 10.122 min
Delta R.T.: -0.016 min
Response: 3174298
Conc: 22.12 ug/ml



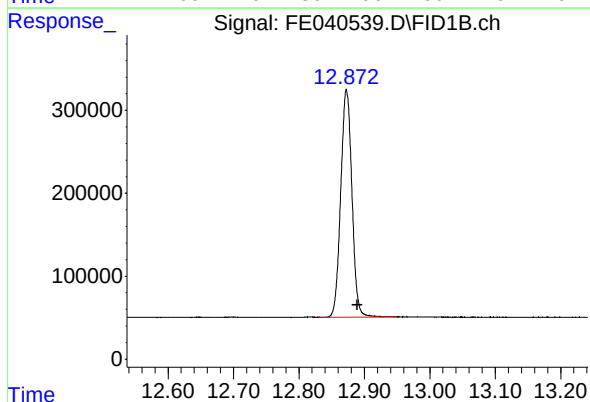
#8 n-Octadecane (C18)

R.T.: 11.564 min
Delta R.T.: -0.016 min
Response: 3302493
Conc: 22.20 ug/ml



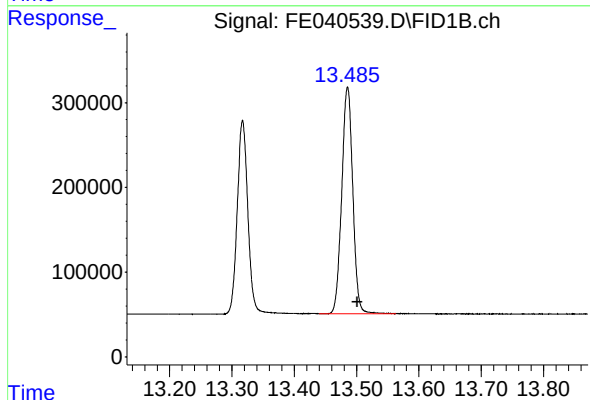
#9 ortho-Terphenyl (SURR)

R.T.: 11.879 min
Delta R.T.: -0.016 min
Response: 3668819
Conc: 22.67 ug/ml



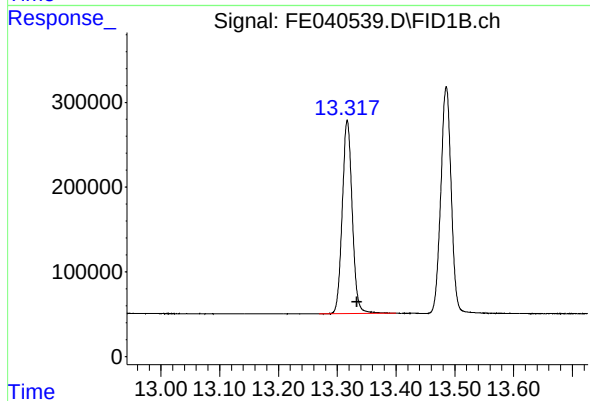
#10 n-Eicosane (C20)

R.T.: 12.873 min
Delta R.T.: -0.016 min
Response: 3260714
Conc: 22.18 ug/ml



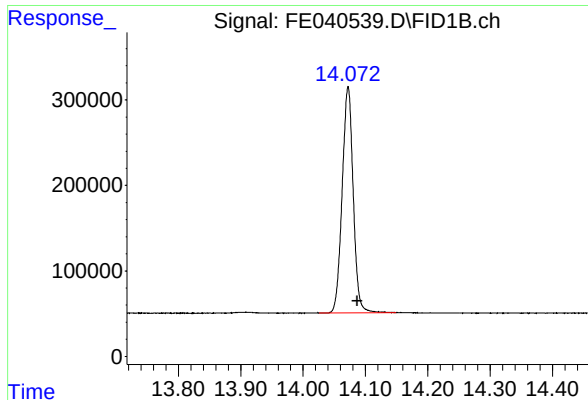
#11 n-Heneicosane (C21)

R.T.: 13.486 min
Delta R.T.: -0.015 min
Response: 3291340
Conc: 22.32 ug/ml



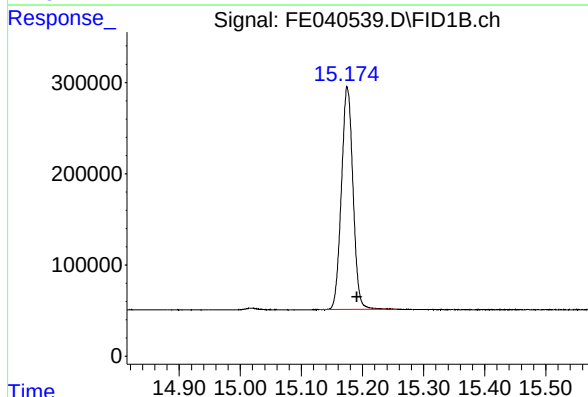
#12 1-chlorooctadecane (SURR)

R.T.: 13.317 min
Delta R.T.: -0.016 min
Response: 2692797
Conc: 21.71 ug/ml



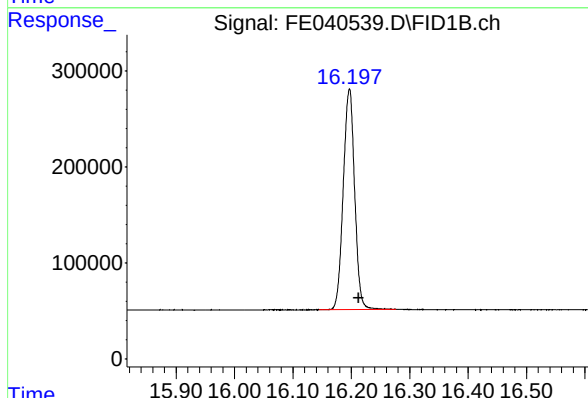
#13 n-Docosane (C22)

R.T.: 14.072 min
Delta R.T.: -0.015 min
Response: 3251048
Conc: 21.94 ug/ml



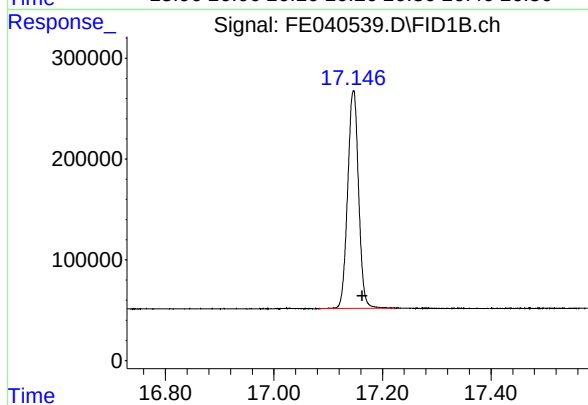
#14 n-Tetracosane (C24)

R.T.: 15.175 min
Delta R.T.: -0.016 min
Response: 3220763
Conc: 21.22 ug/ml



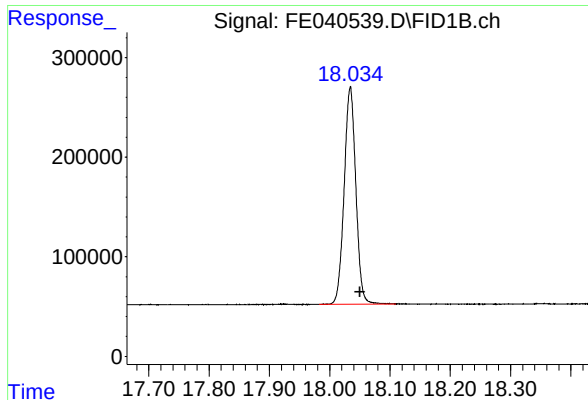
#15 n-Hexacosane (C26)

R.T.: 16.197 min
Delta R.T.: -0.016 min
Response: 3116876
Conc: 21.02 ug/ml



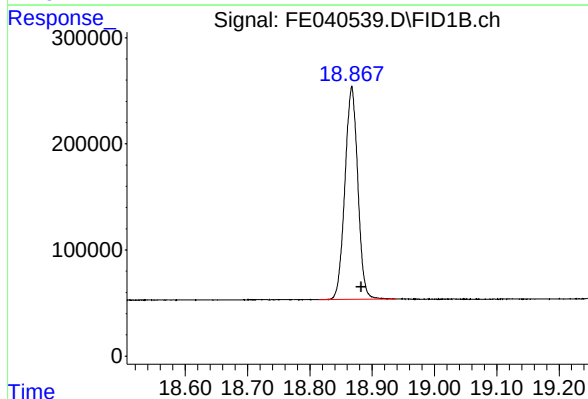
#16 n-Octacosane (C28)

R.T.: 17.147 min
Delta R.T.: -0.016 min
Response: 3030051
Conc: 20.22 ug/ml



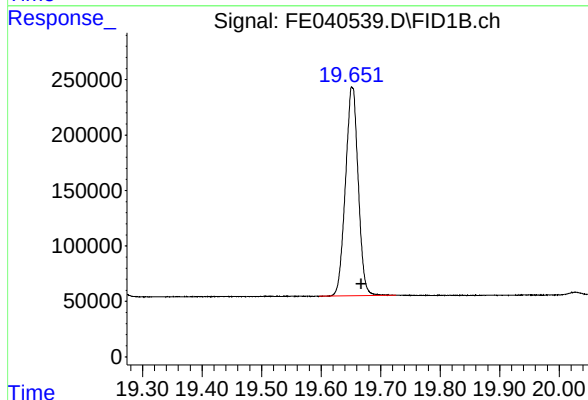
#17 n-Tricontane (C30)

R.T.: 18.034 min
Delta R.T.: -0.016 min
Response: 2932633
Conc: 19.88 ug/ml



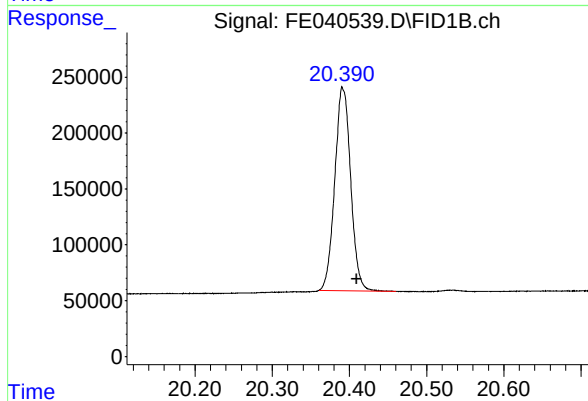
#18 n-Dotriacontane (C32)

R.T.: 18.867 min
Delta R.T.: -0.015 min
Response: 2879125
Conc: 19.66 ug/ml



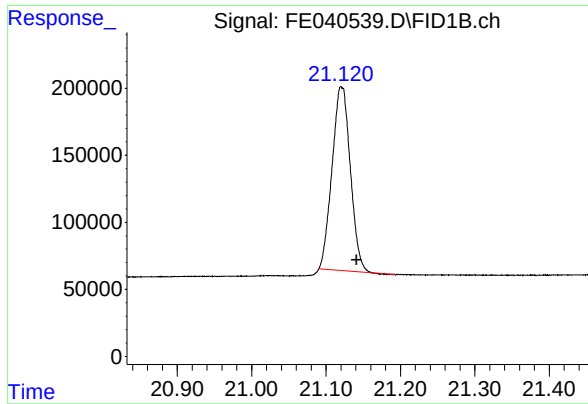
#19 n-Tetatriacontane (C34)

R.T.: 19.652 min
Delta R.T.: -0.015 min
Response: 2801295
Conc: 20.37 ug/ml



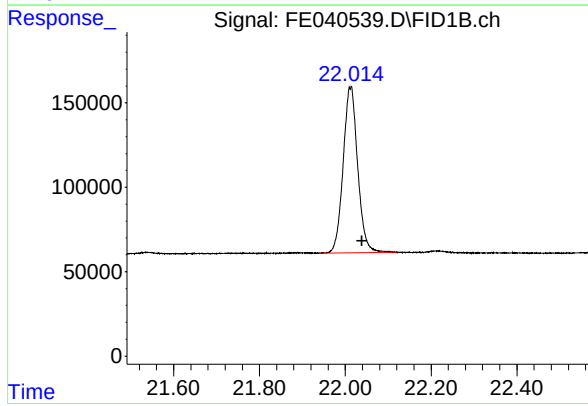
#20 n-Hexatriacontane (C36)

R.T.: 20.391 min
Delta R.T.: -0.018 min
Response: 2603151
Conc: 19.63 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.121 min
Delta R.T.: -0.020 min
Response: 2336868
Conc: 18.01 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.014 min
Delta R.T.: -0.025 min
Response: 2308037
Conc: 17.38 ug/ml