

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE022523AL\
 Data File : FE040560.D
 Signal(s) : FID1B.ch
 Acq On : 25 Feb 2023 03:33
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD ICV
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 25 05:10:15 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 022523.M
 Quant Title : GC Extractables
 QLast Update : Sat Feb 25 05:09:21 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)	11.876	3453028	19.813 ug/ml
Spiked Amount 50.000		Recovery =	39.63%
12) S 1-chlorooctadecane (S...	13.314	2549408	19.661 ug/ml
Spiked Amount 50.000		Recovery =	39.32%
Target Compounds			
1) T n-Nonane (C9)	3.275	2974086	20.461 ug/ml
2) T n-Decane (C10)	4.523	2884065	20.467 ug/ml
3) T A~Naphthalene (C11.7)	6.225	3176525	20.592 ug/ml
4) T n-Dodecane (C12)	6.687	2927669	20.501 ug/ml
5) T A~2-methylnaphthalene...	7.320	2921903	20.824 ug/ml
6) T n-Tetradecane (C14)	8.513	2947538	20.377 ug/ml
7) T n-Hexadecane (C16)	10.119	3039857	20.245 ug/ml
8) T n-Octadecane (C18)	11.561	3134643	20.030 ug/ml
10) T n-Eicosane (C20)	12.870	3058941	19.744 ug/ml
11) T n-Heneicosane (C21)	13.481	3081267	19.686 ug/ml
13) T n-Docosane (C22)	14.068	3042895	19.539 ug/ml
14) T n-Tetracosane (C24)	15.171	2997119	19.398 ug/ml
15) T n-Hexacosane (C26)	16.193	2905882	19.289 ug/ml
16) T n-Octacosane (C28)	17.142	2824086	19.094 ug/ml
17) T n-Tricontane (C30)	18.030	2731825	19.053 ug/ml
18) T n-Dotriacontane (C32)	18.863	2683533	18.973 ug/ml
19) T n-Tetratriacontane (C34)	19.647	2643680	19.003 ug/ml
20) T n-Hexatriacontane (C36)	20.388	2564961	18.618 ug/ml
21) T n-Octatriacontane (C38)	21.116	2536031	18.922 ug/ml
22) T n-Tetracontane (C40)	22.006	2534692	18.486 ug/ml

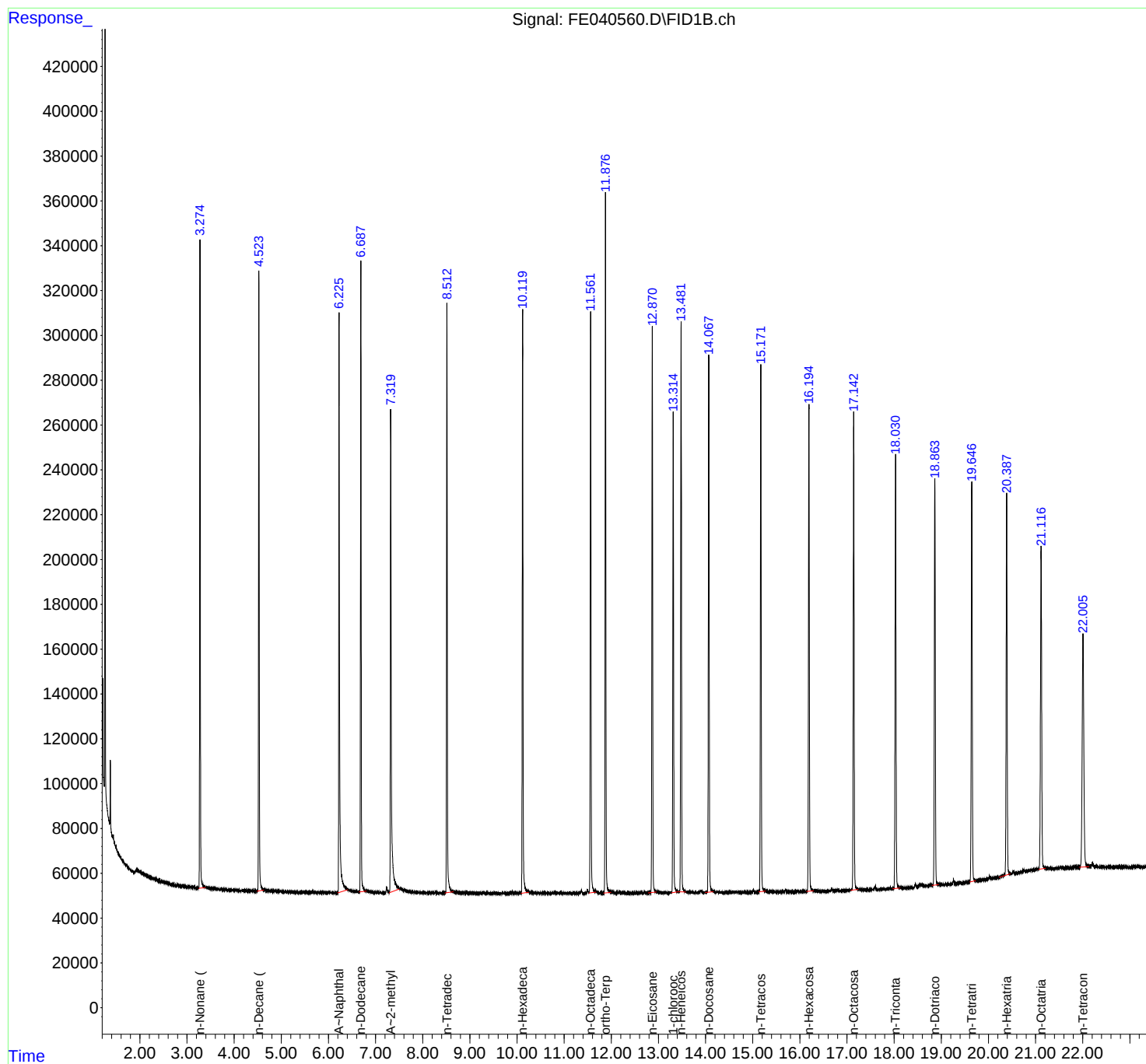
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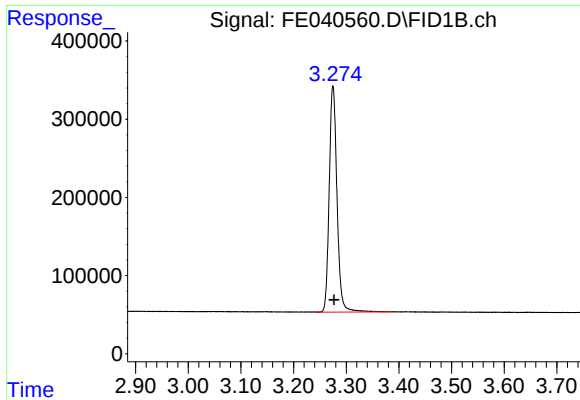
(m)=manual int.

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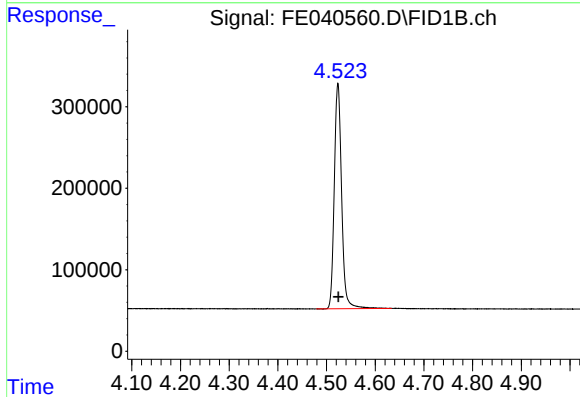
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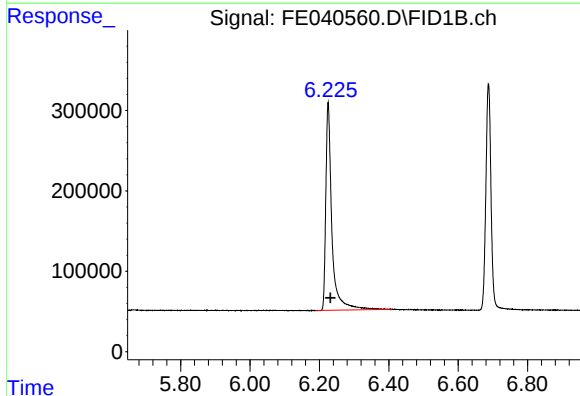
#1 n-Nonane (C9)

R.T.: 3.275 min
Delta R.T.: -0.002 min
Response: 2974086
Conc: 20.46 ug/ml



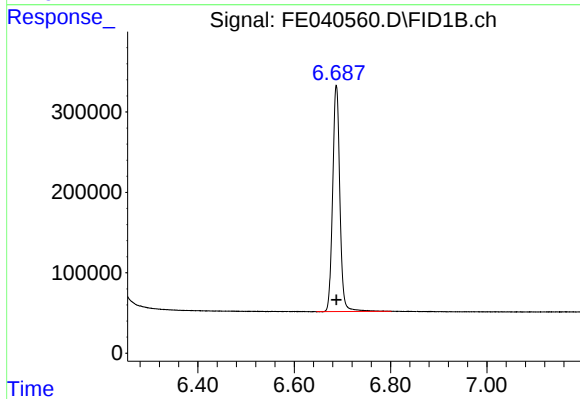
#2 n-Decane (C10)

R.T.: 4.523 min
Delta R.T.: -0.001 min
Response: 2884065
Conc: 20.47 ug/ml



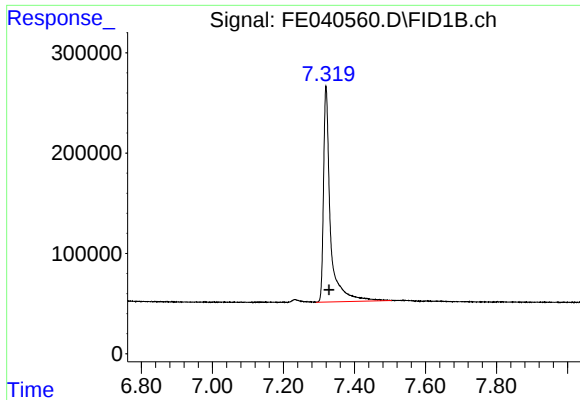
#3 A~Naphthalene (C11.7)

R.T.: 6.225 min
Delta R.T.: -0.007 min
Response: 3176525
Conc: 20.59 ug/ml



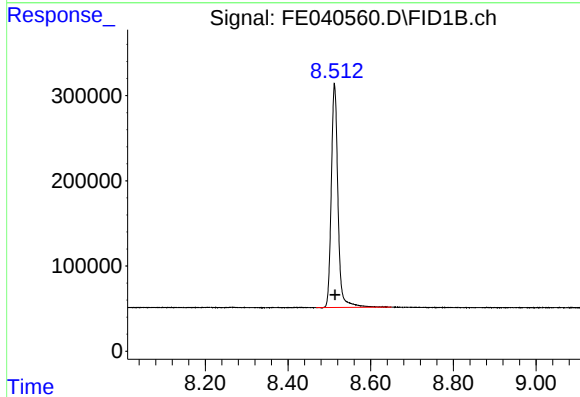
#4 n-Dodecane (C12)

R.T.: 6.687 min
Delta R.T.: 0.000 min
Response: 2927669
Conc: 20.50 ug/ml



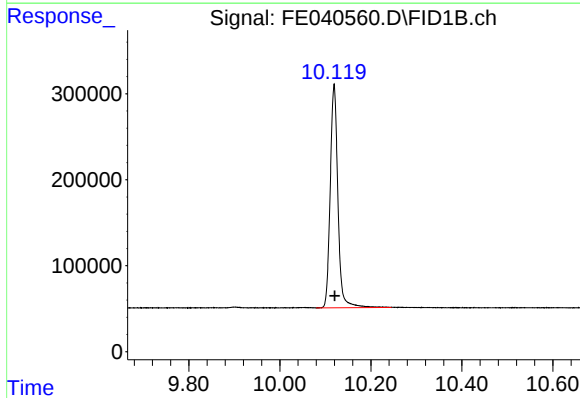
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.320 min
Delta R.T.: -0.009 min
Response: 2921903
Conc: 20.82 ug/ml



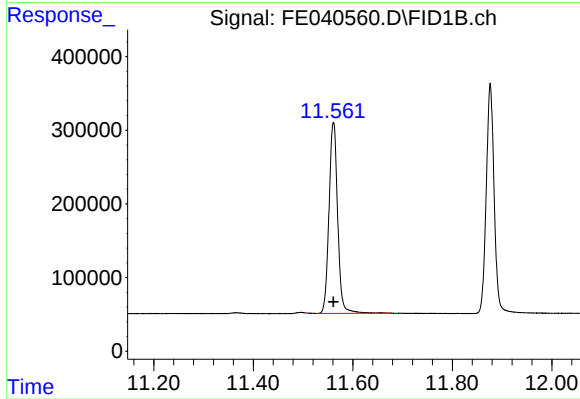
#6 n-Tetradecane (C14)

R.T.: 8.513 min
Delta R.T.: -0.001 min
Response: 2947538
Conc: 20.38 ug/ml



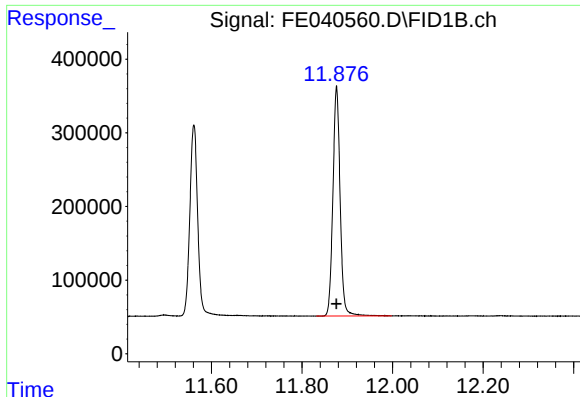
#7 n-Hexadecane (C16)

R.T.: 10.119 min
Delta R.T.: -0.002 min
Response: 3039857
Conc: 20.25 ug/ml



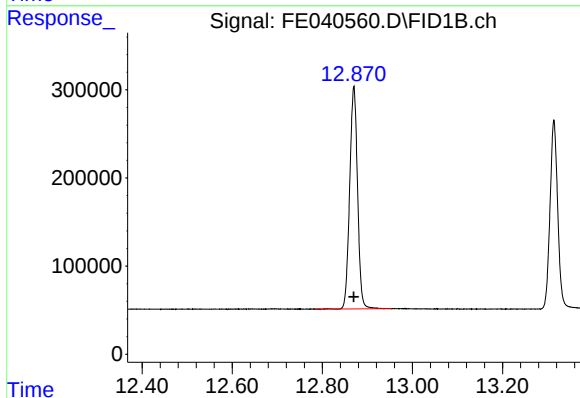
#8 n-Octadecane (C18)

R.T.: 11.561 min
Delta R.T.: 0.000 min
Response: 3134643
Conc: 20.03 ug/ml



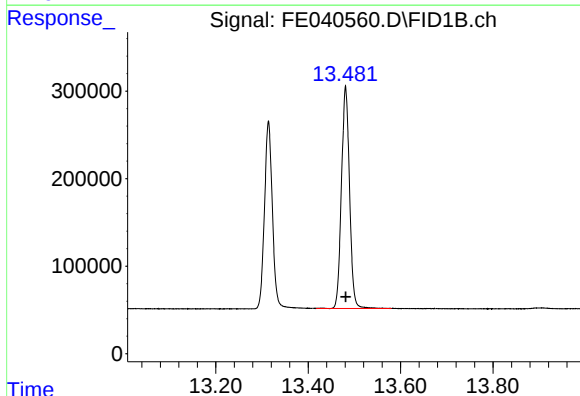
#9 ortho-Terphenyl (SURR)

R.T.: 11.876 min
Delta R.T.: 0.000 min
Response: 3453028
Conc: 19.81 ug/ml



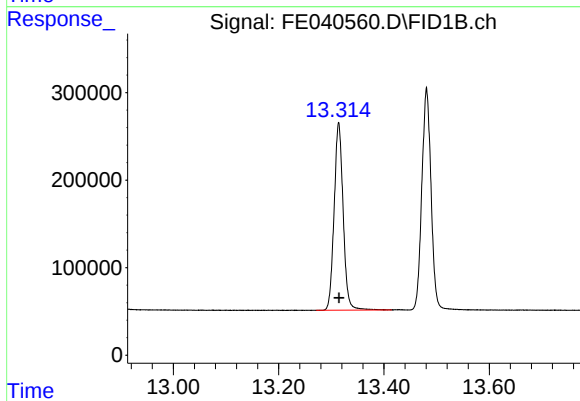
#10 n-Eicosane (C20)

R.T.: 12.870 min
Delta R.T.: 0.000 min
Response: 3058941
Conc: 19.74 ug/ml



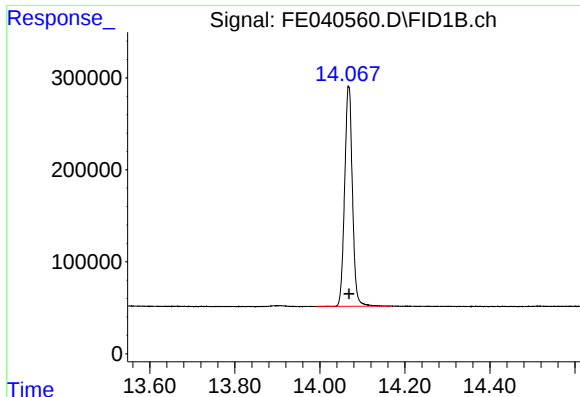
#11 n-Heneicosane (C21)

R.T.: 13.481 min
Delta R.T.: 0.000 min
Response: 3081267
Conc: 19.69 ug/ml



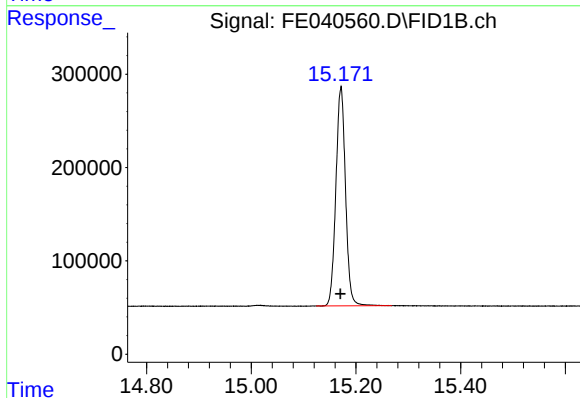
#12 1-chlorooctadecane (SURR)

R.T.: 13.314 min
Delta R.T.: 0.000 min
Response: 2549408
Conc: 19.66 ug/ml



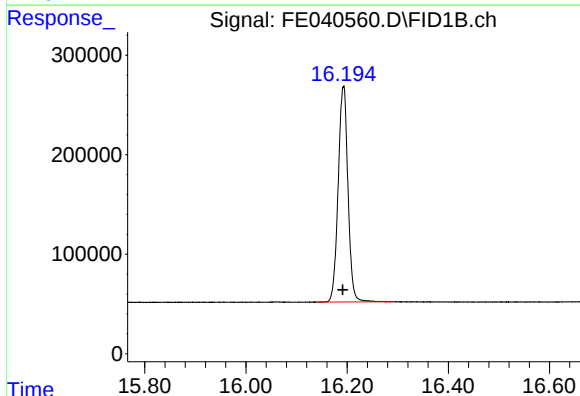
#13 n-Docosane (C22)

R.T.: 14.068 min
Delta R.T.: 0.000 min
Response: 3042895
Conc: 19.54 ug/ml



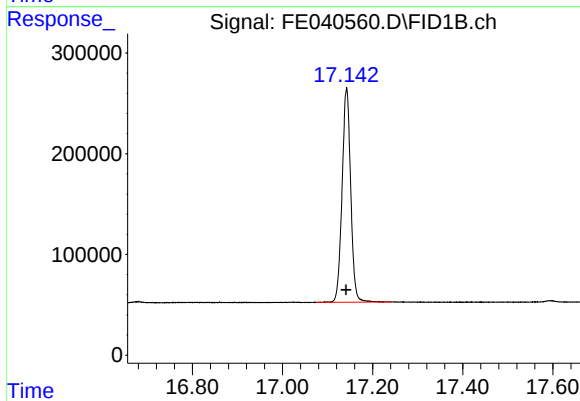
#14 n-Tetracosane (C24)

R.T.: 15.171 min
Delta R.T.: 0.000 min
Response: 2997119
Conc: 19.40 ug/ml



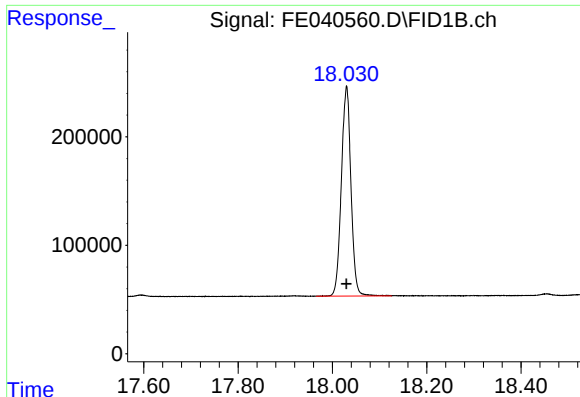
#15 n-Hexacosane (C26)

R.T.: 16.193 min
Delta R.T.: 0.001 min
Response: 2905882
Conc: 19.29 ug/ml



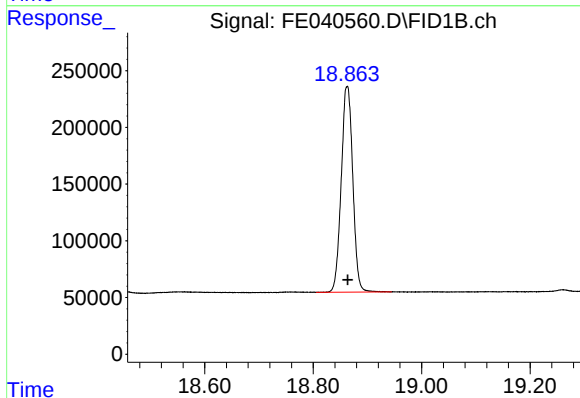
#16 n-Octacosane (C28)

R.T.: 17.142 min
Delta R.T.: 0.001 min
Response: 2824086
Conc: 19.09 ug/ml



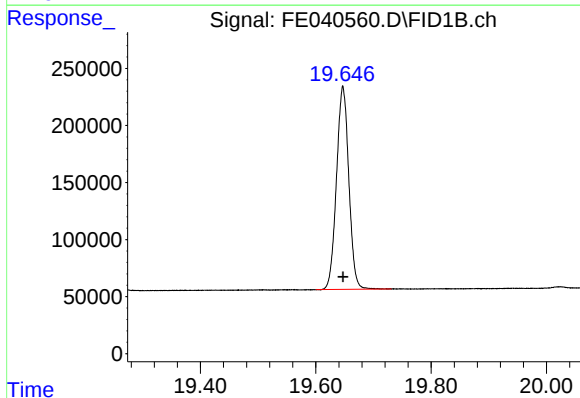
#17 n-Tricontane (C30)

R.T.: 18.030 min
Delta R.T.: 0.000 min
Response: 2731825
Conc: 19.05 ug/ml



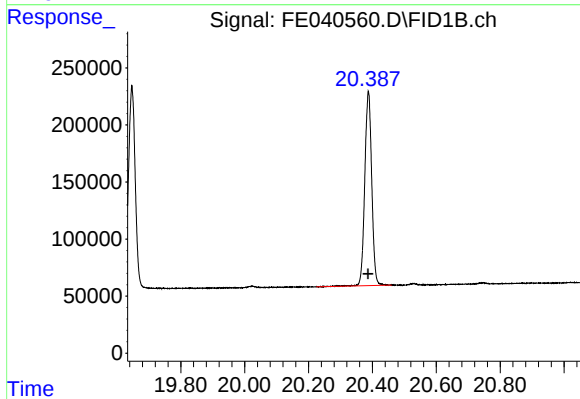
#18 n-Dotriacontane (C32)

R.T.: 18.863 min
Delta R.T.: 0.000 min
Response: 2683533
Conc: 18.97 ug/ml



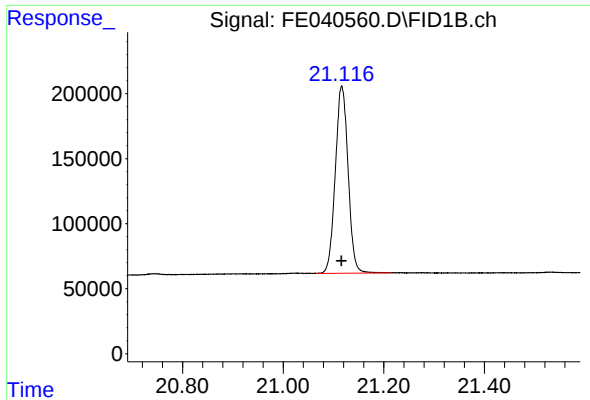
#19 n-Tetratriacontane (C34)

R.T.: 19.647 min
Delta R.T.: 0.000 min
Response: 2643680
Conc: 19.00 ug/ml



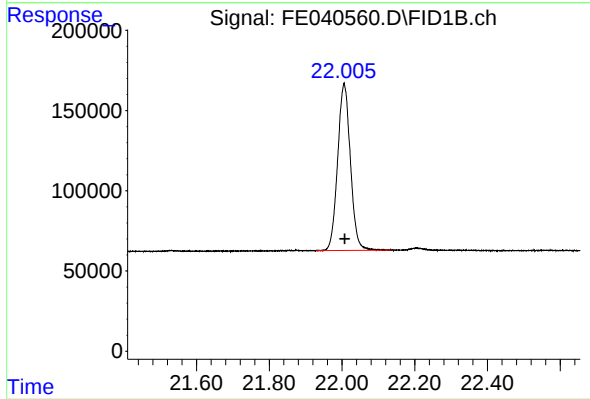
#20 n-Hexatriacontane (C36)

R.T.: 20.388 min
Delta R.T.: 0.001 min
Response: 2564961
Conc: 18.62 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.116 min
Delta R.T.: 0.000 min
Response: 2536031
Conc: 18.92 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.006 min
Delta R.T.: -0.002 min
Response: 2534692
Conc: 18.49 ug/ml