

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE080522AL\
 Data File : FE036892.D
 Signal(s) : FID1B.ch
 Acq On : 05 Aug 2022 12:25
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Aug 06 02:28:35 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 071722.M
 Quant Title : GC Extractables
 QLast Update : Mon Jul 18 02:35:21 2022
 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)	11.833	3325747	17.857 ug/ml
Spiked Amount 50.000		Recovery =	35.71%
12) S 1-chlorooctadecane (S...	13.273	2607490	17.138 ug/ml
Spiked Amount 50.000		Recovery =	34.28%
Target Compounds			
1) T n-Nonane (C9)	3.224	3036709	19.699 ug/ml
2) T n-Decane (C10)	4.479	3064036	19.877 ug/ml
3) T A~Naphthalene (C11.7)	6.180	3338031	19.534 ug/ml
4) T n-Dodecane (C12)	6.647	3115173	19.835 ug/ml
5) T A~2-methylnaphthalene...	7.276	3300936	19.206 ug/ml
6) T n-Tetradecane (C14)	8.473	3145606	19.268 ug/ml
7) T n-Hexadecane (C16)	10.080	3097175	18.791 ug/ml
8) T n-Octadecane (C18)	11.521	3090830	18.187 ug/ml
10) T n-Eicosane (C20)	12.830	2992946	17.595 ug/ml
11) T n-Heneicosane (C21)	13.441	2953536	17.257 ug/ml
13) T n-Docosane (C22)	14.027	2911546	17.053 ug/ml
14) T n-Tetracosane (C24)	15.131	2895669	16.987 ug/ml
15) T n-Hexacosane (C26)	16.151	2770976	16.574 ug/ml
16) T n-Octacosane (C28)	17.101	2748365	16.827 ug/ml
17) T n-Tricontane (C30)	17.990	2679017	17.630 ug/ml
18) T n-Dotriacontane (C32)	18.822	2245220	18.668 ug/ml
19) T n-Tetratriacontane (C34)	19.605	1602904	19.248 ug/ml
20) T n-Hexatriacontane (C36)	20.345	1130088	19.246 ug/ml
21) T n-Octatriacontane (C38)	21.069	1092667	21.793 ug/ml
22) T n-Tetracontane (C40)	21.951	1016201	19.678 ug/ml

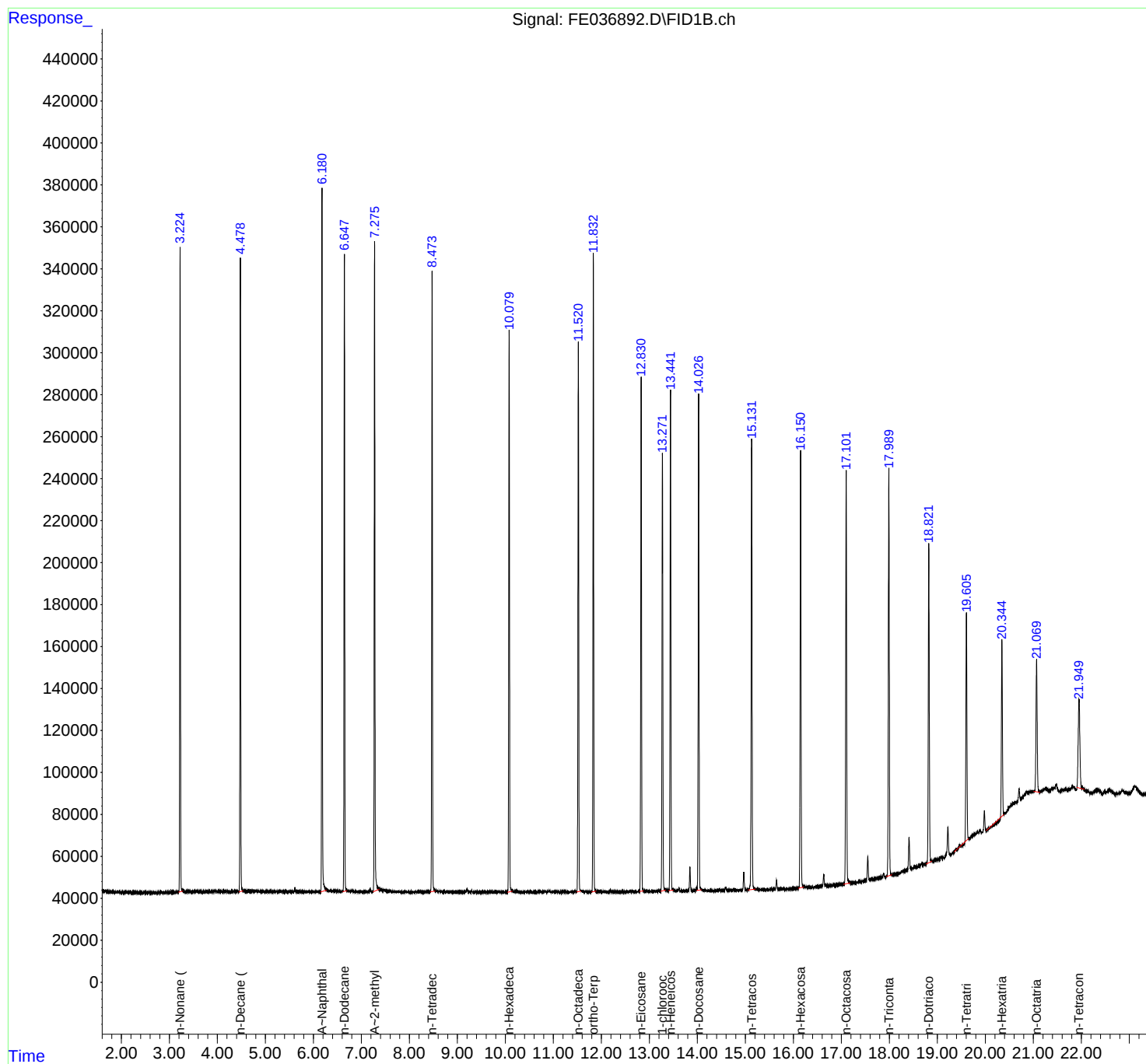
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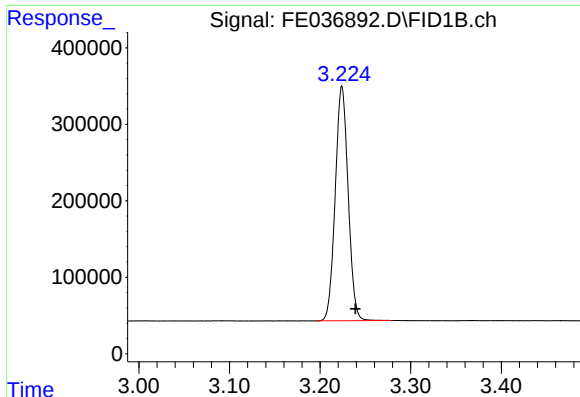
(m)=manual int.

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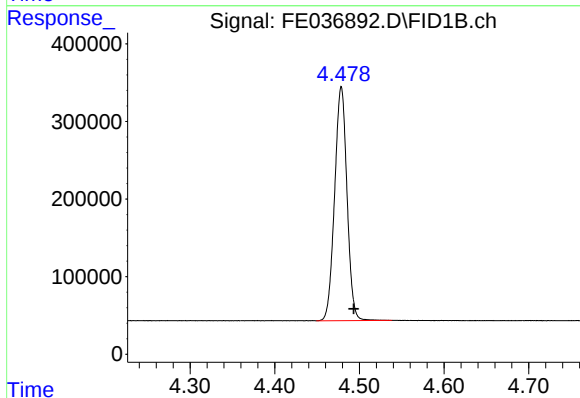
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Signal Info : 20M x 0.18mm x 0.18um





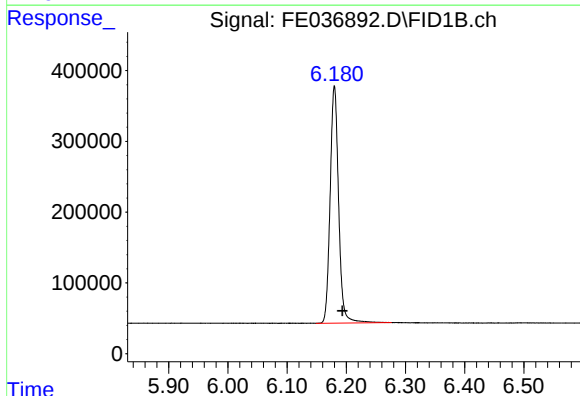
#1 n-Nonane (C9)

R.T.: 3.224 min
Delta R.T.: -0.015 min
Response: 3036709
Conc: 19.70 ug/ml



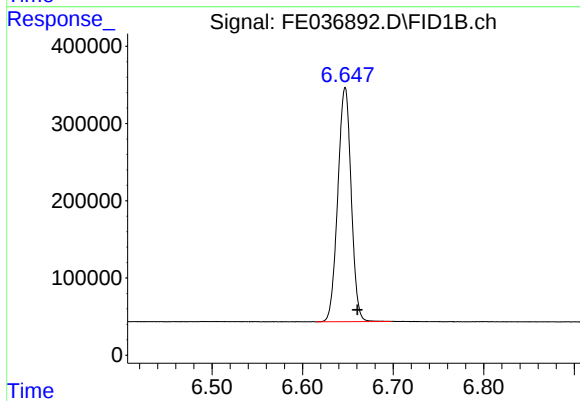
#2 n-Decane (C10)

R.T.: 4.479 min
Delta R.T.: -0.015 min
Response: 3064036
Conc: 19.88 ug/ml



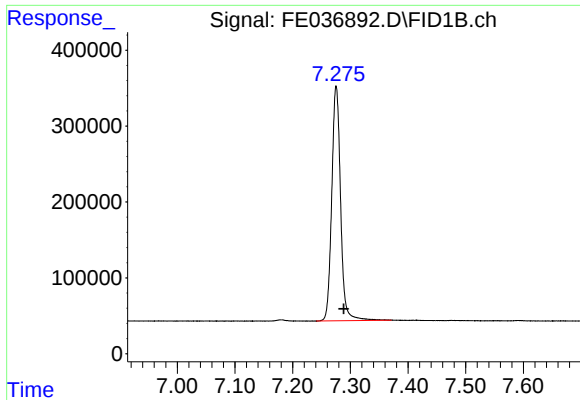
#3 A~Naphthalene (C11.7)

R.T.: 6.180 min
Delta R.T.: -0.013 min
Response: 3338031
Conc: 19.53 ug/ml



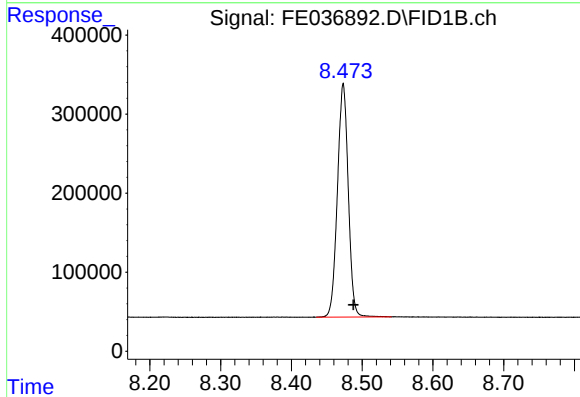
#4 n-Dodecane (C12)

R.T.: 6.647 min
Delta R.T.: -0.014 min
Response: 3115173
Conc: 19.83 ug/ml



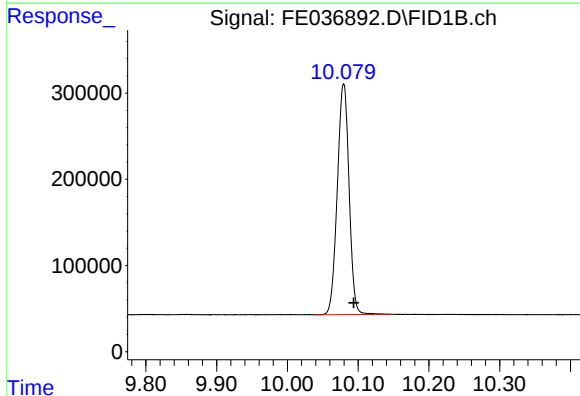
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.276 min
Delta R.T.: -0.013 min
Response: 3300936
Conc: 19.21 ug/ml



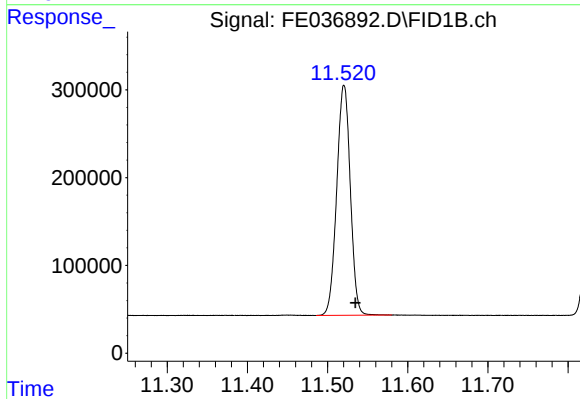
#6 n-Tetradecane (C14)

R.T.: 8.473 min
Delta R.T.: -0.014 min
Response: 3145606
Conc: 19.27 ug/ml



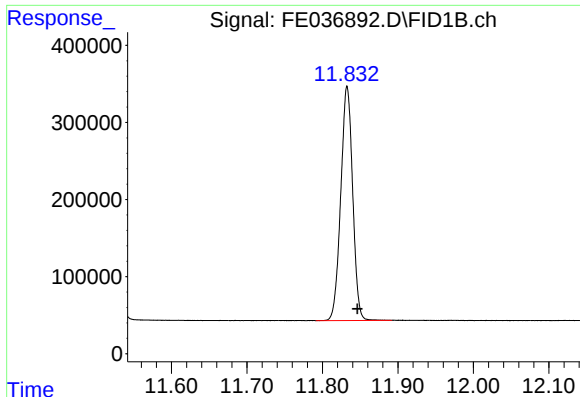
#7 n-Hexadecane (C16)

R.T.: 10.080 min
Delta R.T.: -0.014 min
Response: 3097175
Conc: 18.79 ug/ml



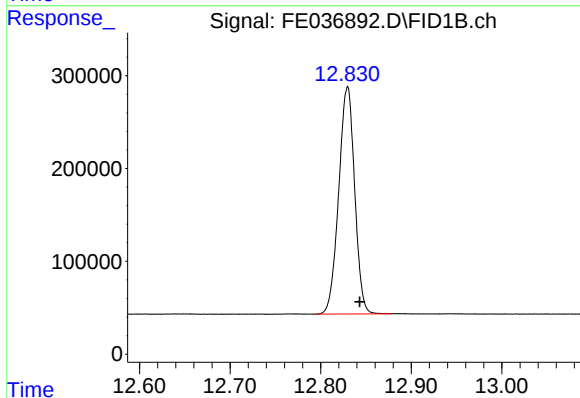
#8 n-Octadecane (C18)

R.T.: 11.521 min
Delta R.T.: -0.014 min
Response: 3090830
Conc: 18.19 ug/ml



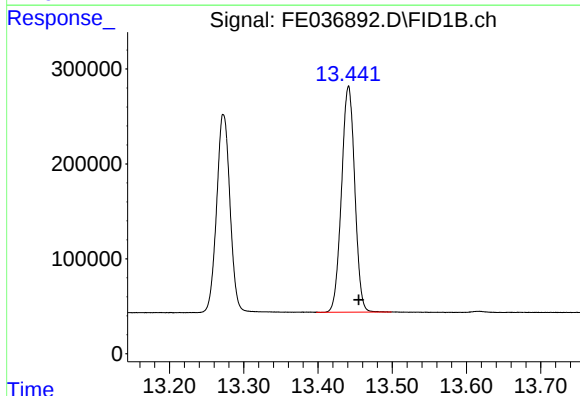
#9 ortho-Terphenyl (SURR)

R.T.: 11.833 min
Delta R.T.: -0.014 min
Response: 3325747
Conc: 17.86 ug/ml



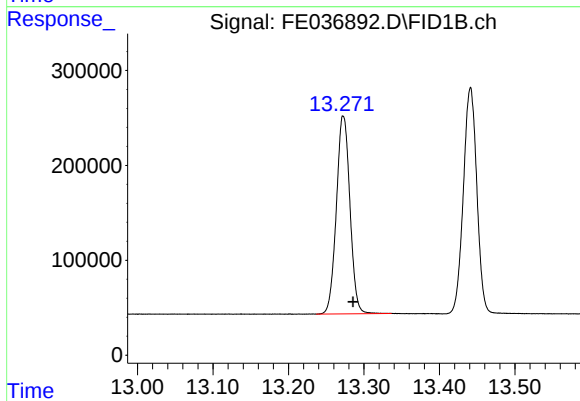
#10 n-Eicosane (C20)

R.T.: 12.830 min
Delta R.T.: -0.013 min
Response: 2992946
Conc: 17.60 ug/ml



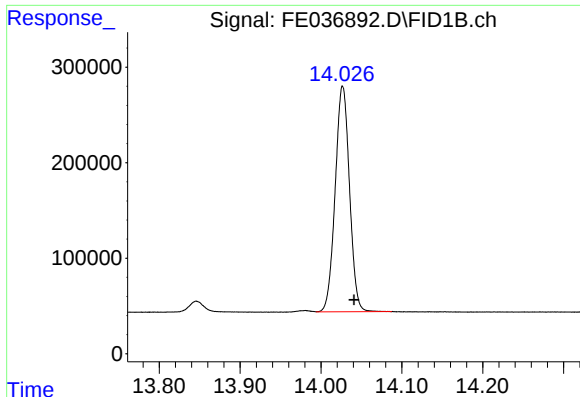
#11 n-Heneicosane (C21)

R.T.: 13.441 min
Delta R.T.: -0.014 min
Response: 2953536
Conc: 17.26 ug/ml



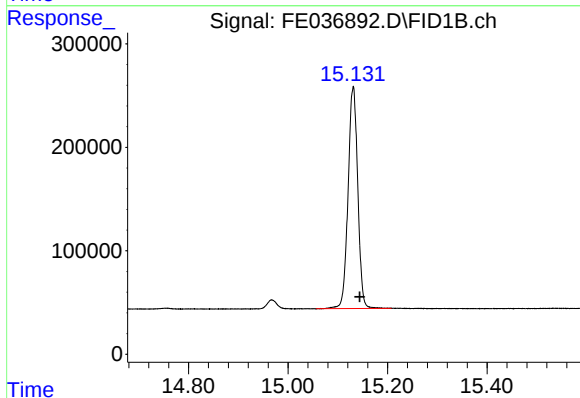
#12 1-chlorooctadecane (SURR)

R.T.: 13.273 min
Delta R.T.: -0.013 min
Response: 2607490
Conc: 17.14 ug/ml



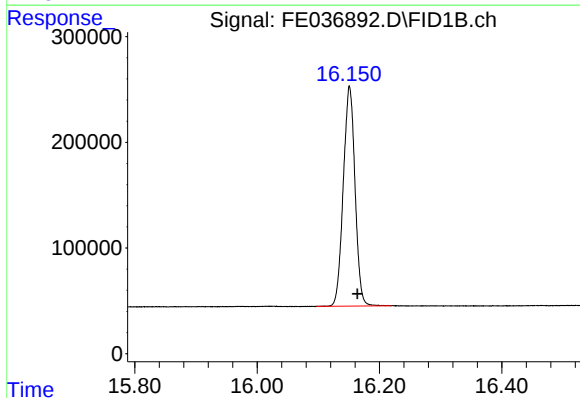
#13 n-Docosane (C22)

R.T.: 14.027 min
Delta R.T.: -0.014 min
Response: 2911546
Conc: 17.05 ug/ml



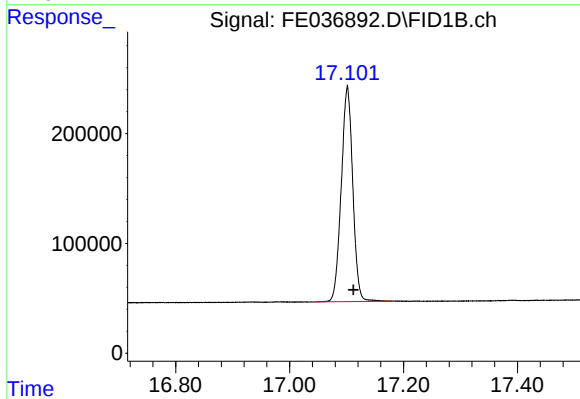
#14 n-Tetracosane (C24)

R.T.: 15.131 min
Delta R.T.: -0.013 min
Response: 2895669
Conc: 16.99 ug/ml



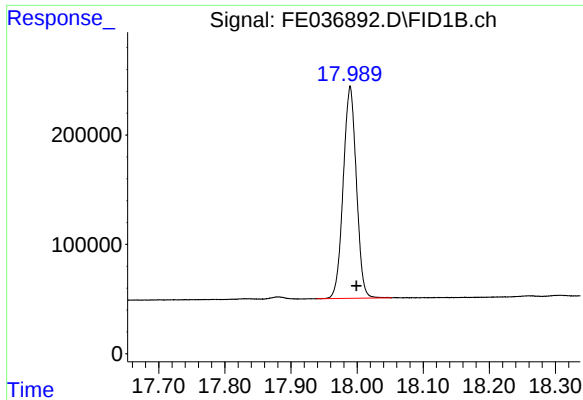
#15 n-Hexacosane (C26)

R.T.: 16.151 min
Delta R.T.: -0.013 min
Response: 2770976
Conc: 16.57 ug/ml



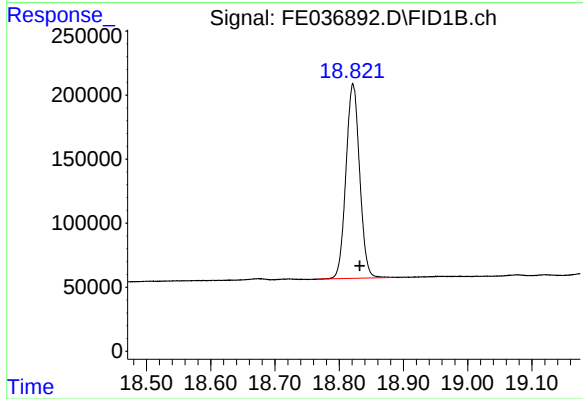
#16 n-Octacosane (C28)

R.T.: 17.101 min
Delta R.T.: -0.011 min
Response: 2748365
Conc: 16.83 ug/ml



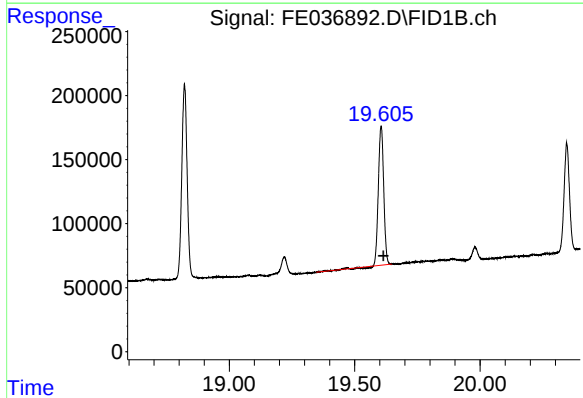
#17 n-Tricontane (C30)

R.T.: 17.990 min
Delta R.T.: -0.009 min
Response: 2679017
Conc: 17.63 ug/ml



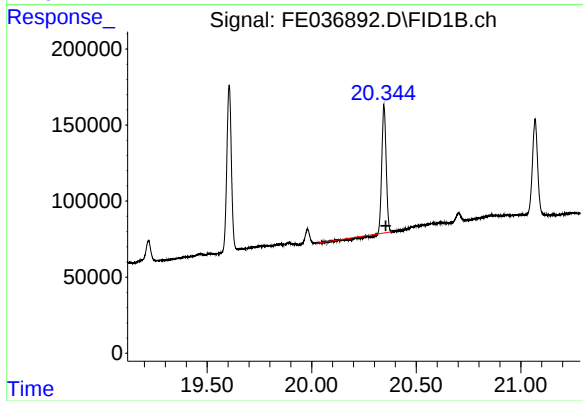
#18 n-Dotriacontane (C32)

R.T.: 18.822 min
Delta R.T.: -0.010 min
Response: 2245220
Conc: 18.67 ug/ml



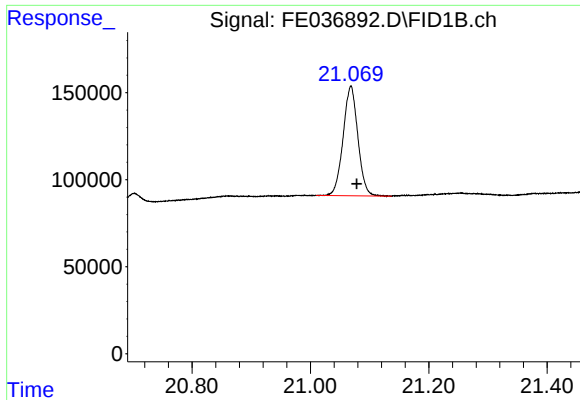
#19 n-Tetratriacontane (C34)

R.T.: 19.605 min
Delta R.T.: -0.009 min
Response: 1602904
Conc: 19.25 ug/ml



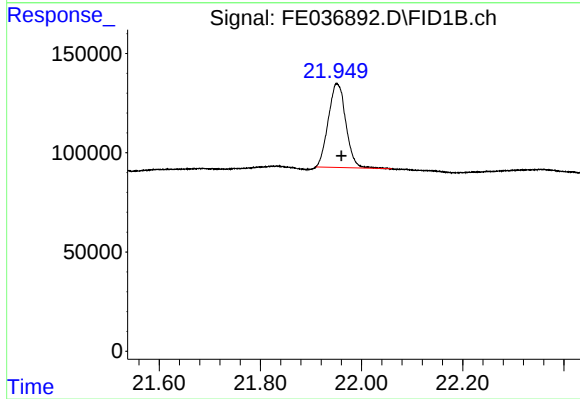
#20 n-Hexatriacontane (C36)

R.T.: 20.345 min
Delta R.T.: -0.008 min
Response: 1130088
Conc: 19.25 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.069 min
Delta R.T.: -0.010 min
Response: 1092667
Conc: 21.79 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.951 min
Delta R.T.: -0.010 min
Response: 1016201
Conc: 19.68 ug/ml