

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE020224AL\
 Data File : FE046563.D
 Signal(s) : FID1B.ch
 Acq On : 03 Feb 2024 06:28
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Feb 05 05:09:37 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 012524.M
 Quant Title : GC Extractables
 QLast Update : Thu Jan 25 14:56:03 2024
 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)	11.820	3404935	18.414 ug/ml
Spiked Amount 50.000		Recovery =	36.83%
12) S 1-chlorooctadecane (S...	13.262	2572442	18.081 ug/ml
Spiked Amount 50.000		Recovery =	36.16%
Target Compounds			
1) T n-Nonane (C9)	3.206	3144724	19.469 ug/ml
2) T n-Decane (C10)	4.457	3282478	20.029 ug/ml
3) T A~Naphthalene (C11.7)	6.162	3399635	19.881 ug/ml
4) T n-Dodecane (C12)	6.624	3321900	20.083 ug/ml
5) T A~2-methylnaphthalene...	7.259	3204635	20.093 ug/ml
6) T n-Tetradecane (C14)	8.451	3261792	19.902 ug/ml
7) T n-Hexadecane (C16)	10.061	3315249	19.401 ug/ml
8) T n-Octadecane (C18)	11.505	3305732	18.962 ug/ml
10) T n-Eicosane (C20)	12.816	3123520	18.397 ug/ml
11) T n-Heneicosane (C21)	13.428	3021185	18.114 ug/ml
13) T n-Docosane (C22)	14.016	2992664	18.064 ug/ml
14) T n-Tetracosane (C24)	15.121	2924598	17.725 ug/ml
15) T n-Hexacosane (C26)	16.143	2817326	17.455 ug/ml
16) T n-Octacosane (C28)	17.096	2775216	17.679 ug/ml
17) T n-Tricontane (C30)	17.983	2852926	18.214 ug/ml
18) T n-Dotriacontane (C32)	18.819	2818416	18.645 ug/ml
19) T n-Tetratriacontane (C34)	19.604	2671315	18.834 ug/ml
20) T n-Hexatriacontane (C36)	20.346	2484683	18.026 ug/ml
21) T n-Octatriacontane (C38)	21.076	2646168	20.642 ug/ml
22) T n-Tetracontane (C40)	21.963	2699995	21.594 ug/ml

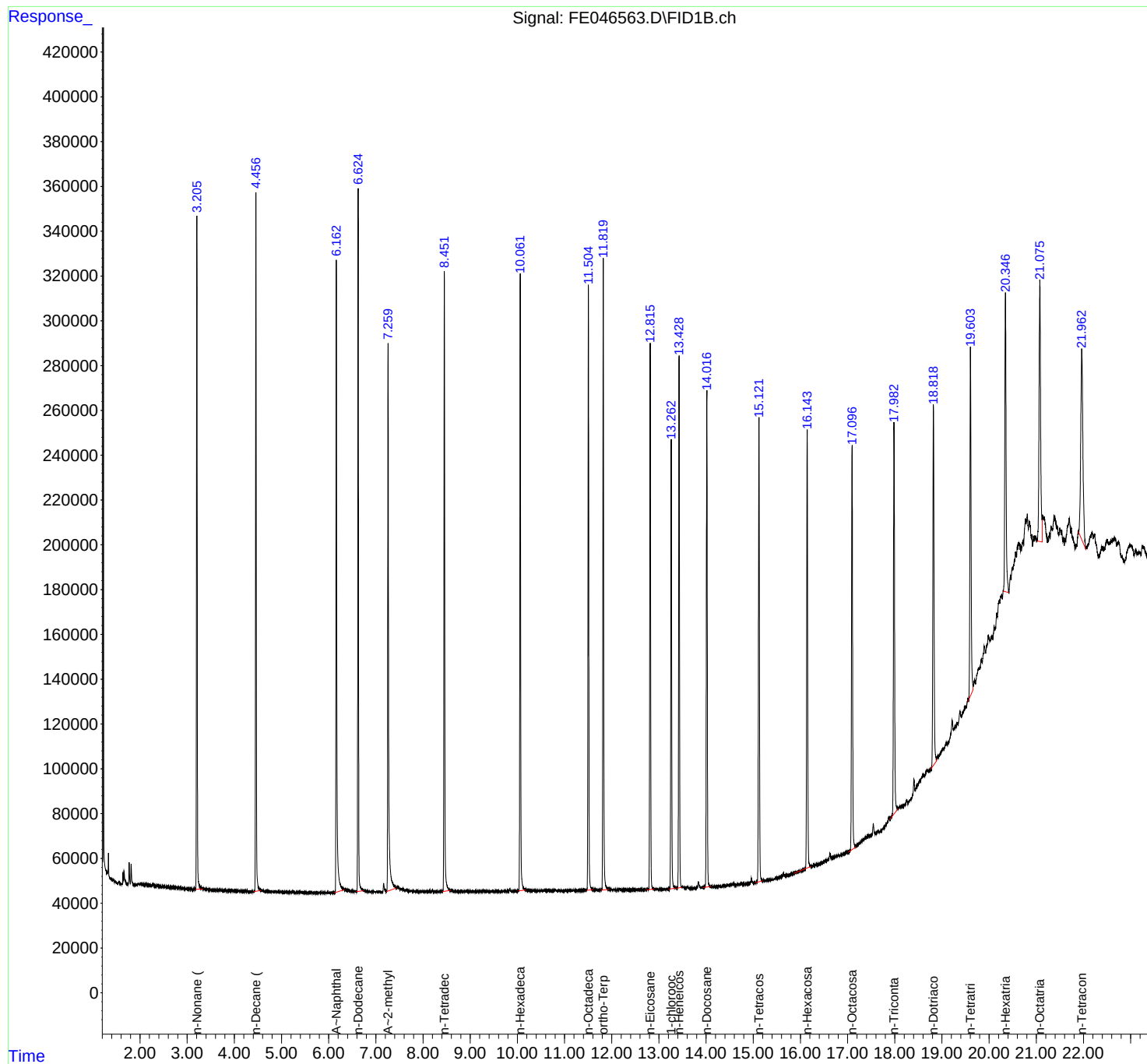
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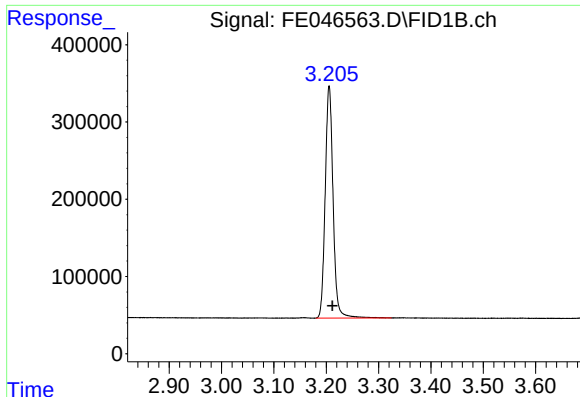
(m)=manual int.

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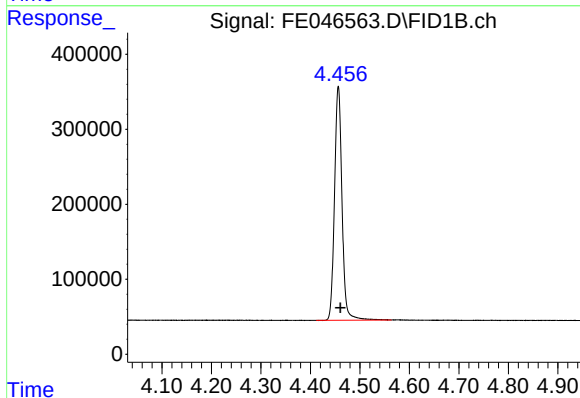
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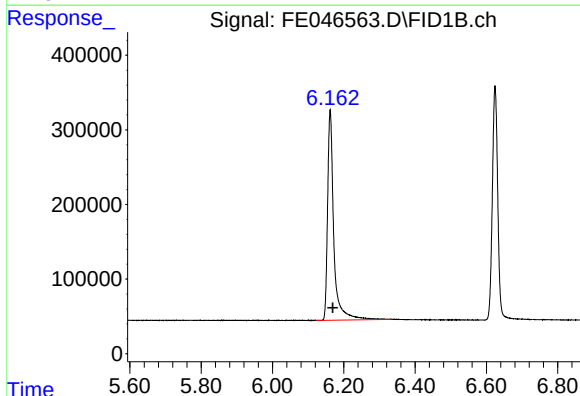
#1 n-Nonane (C9)

R.T.: 3.206 min
Delta R.T.: -0.006 min
Response: 3144724
Conc: 19.47 ug/ml



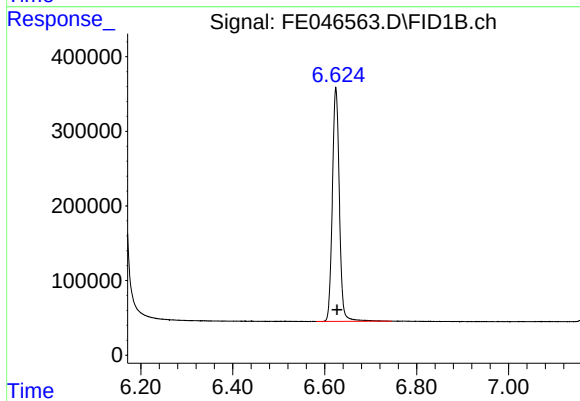
#2 n-Decane (C10)

R.T.: 4.457 min
Delta R.T.: -0.004 min
Response: 3282478
Conc: 20.03 ug/ml



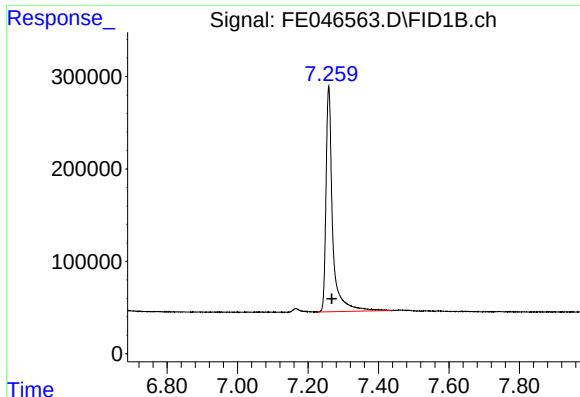
#3 A~Naphthalene (C11.7)

R.T.: 6.162 min
Delta R.T.: -0.007 min
Response: 3399635
Conc: 19.88 ug/ml



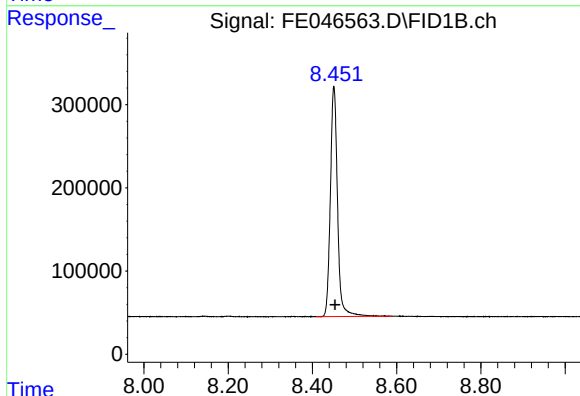
#4 n-Dodecane (C12)

R.T.: 6.624 min
Delta R.T.: -0.002 min
Response: 3321900
Conc: 20.08 ug/ml



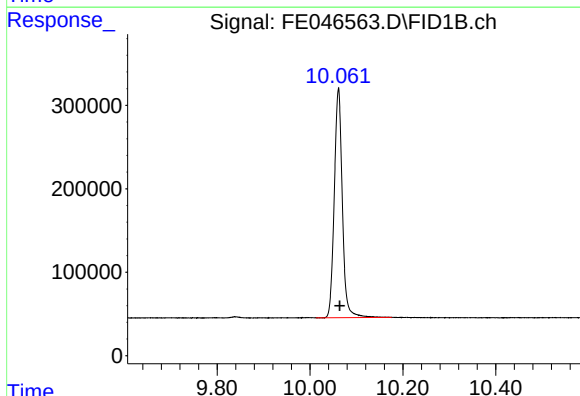
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.259 min
Delta R.T.: -0.008 min
Response: 3204635
Conc: 20.09 ug/ml



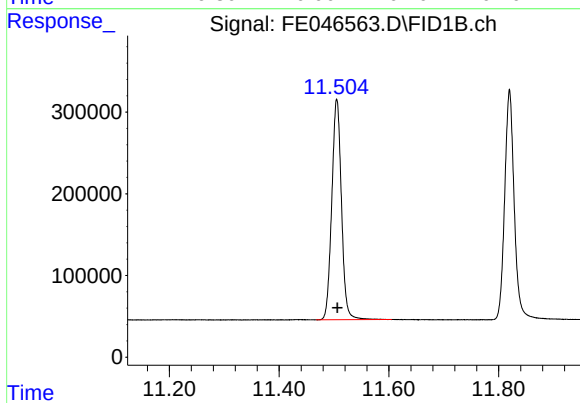
#6 n-Tetradecane (C14)

R.T.: 8.451 min
Delta R.T.: -0.003 min
Response: 3261792
Conc: 19.90 ug/ml



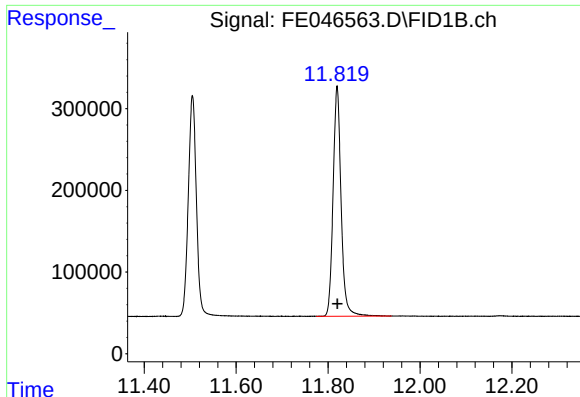
#7 n-Hexadecane (C16)

R.T.: 10.061 min
Delta R.T.: -0.003 min
Response: 3315249
Conc: 19.40 ug/ml



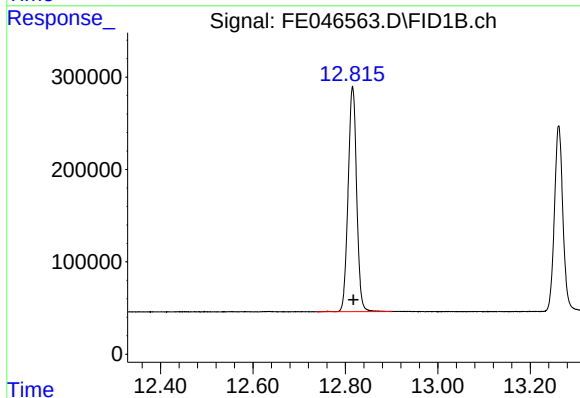
#8 n-Octadecane (C18)

R.T.: 11.505 min
Delta R.T.: -0.001 min
Response: 3305732
Conc: 18.96 ug/ml



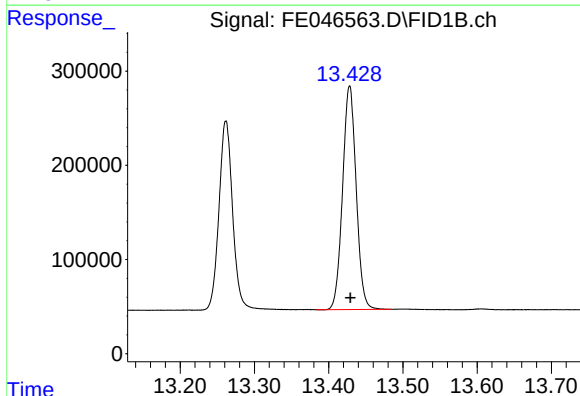
#9 ortho-Terphenyl (SURR)

R.T.: 11.820 min
Delta R.T.: 0.000 min
Response: 3404935
Conc: 18.41 ug/ml



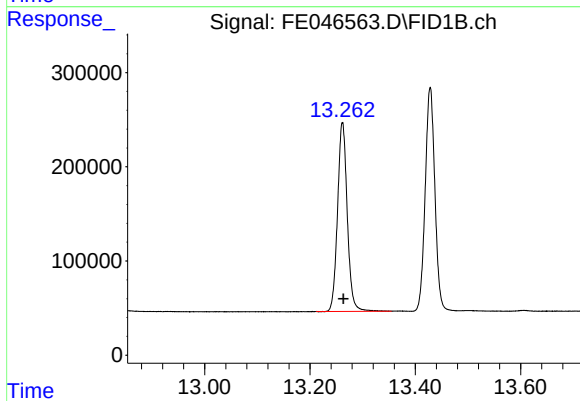
#10 n-Eicosane (C20)

R.T.: 12.816 min
Delta R.T.: -0.001 min
Response: 3123520
Conc: 18.40 ug/ml



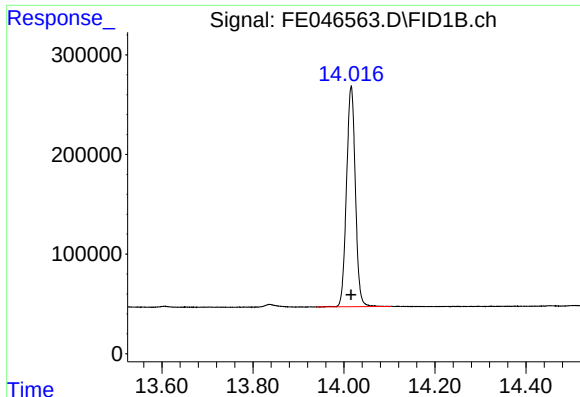
#11 n-Heneicosane (C21)

R.T.: 13.428 min
Delta R.T.: 0.000 min
Response: 3021185
Conc: 18.11 ug/ml



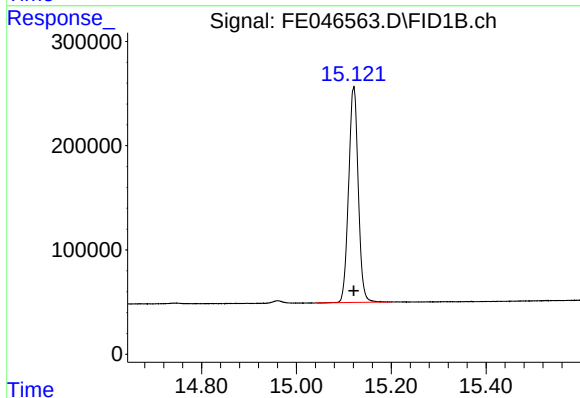
#12 1-chlorooctadecane (SURR)

R.T.: 13.262 min
Delta R.T.: -0.002 min
Response: 2572442
Conc: 18.08 ug/ml



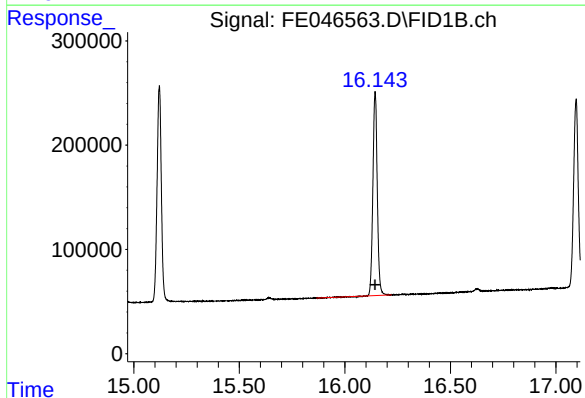
#13 n-Docosane (C22)

R.T.: 14.016 min
Delta R.T.: 0.000 min
Response: 2992664
Conc: 18.06 ug/ml



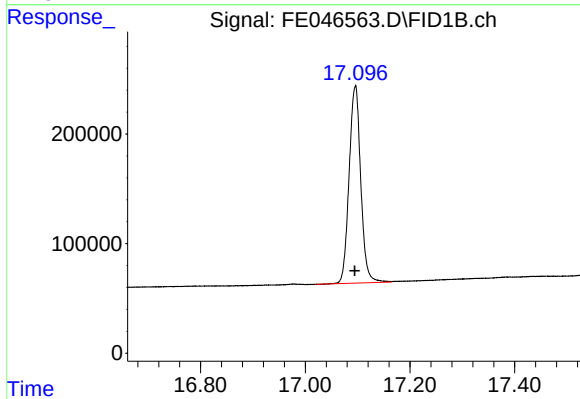
#14 n-Tetracosane (C24)

R.T.: 15.121 min
Delta R.T.: 0.000 min
Response: 2924598
Conc: 17.72 ug/ml



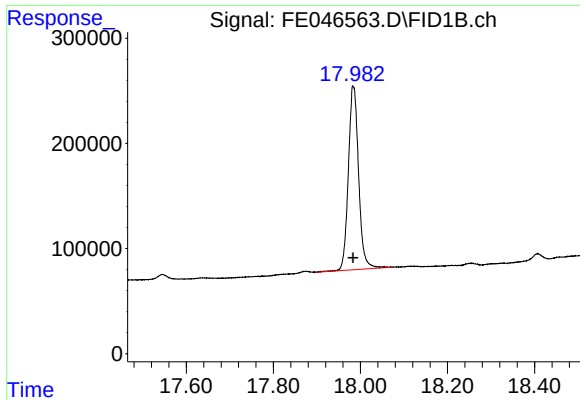
#15 n-Hexacosane (C26)

R.T.: 16.143 min
Delta R.T.: 0.000 min
Response: 2817326
Conc: 17.46 ug/ml



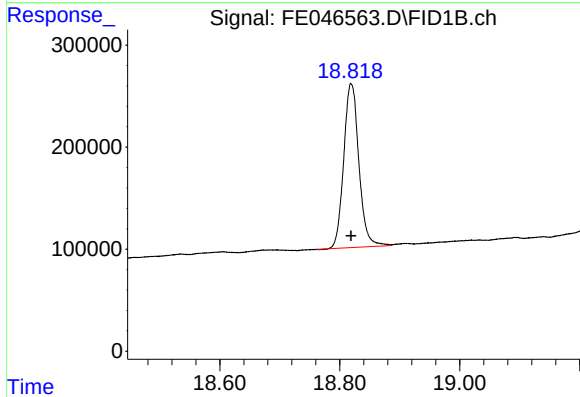
#16 n-Octacosane (C28)

R.T.: 17.096 min
Delta R.T.: 0.001 min
Response: 2775216
Conc: 17.68 ug/ml



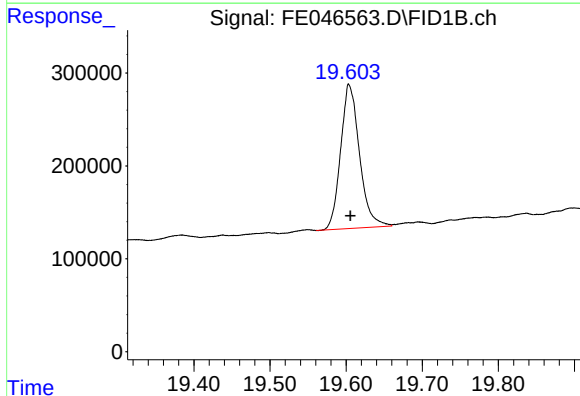
#17 n-Tricontane (C30)

R.T.: 17.983 min
Delta R.T.: 0.000 min
Response: 2852926
Conc: 18.21 ug/ml



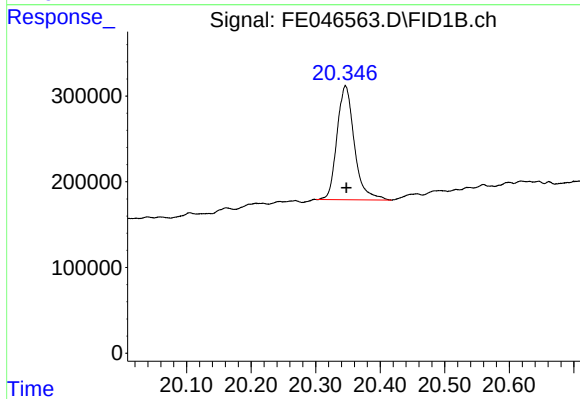
#18 n-Dotriacontane (C32)

R.T.: 18.819 min
Delta R.T.: 0.000 min
Response: 2818416
Conc: 18.65 ug/ml



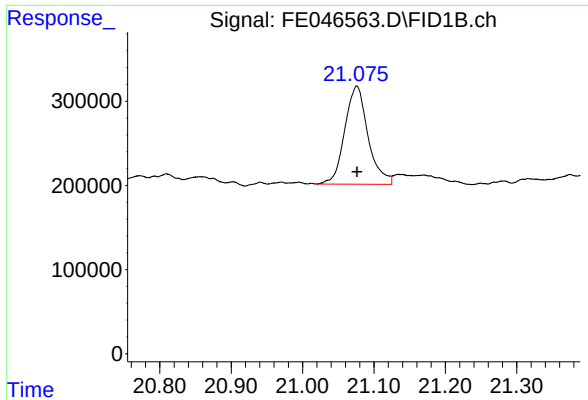
#19 n-Tetratriacontane (C34)

R.T.: 19.604 min
Delta R.T.: -0.002 min
Response: 2671315
Conc: 18.83 ug/ml



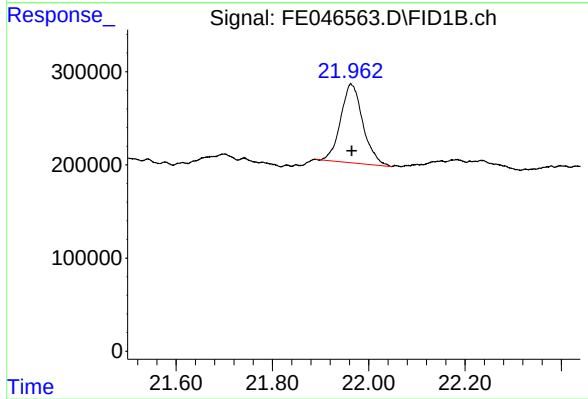
#20 n-Hexatriacontane (C36)

R.T.: 20.346 min
Delta R.T.: -0.001 min
Response: 2484683
Conc: 18.03 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.076 min
Delta R.T.: 0.000 min
Response: 2646168
Conc: 20.64 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.963 min
Delta R.T.: -0.002 min
Response: 2699995
Conc: 21.59 ug/ml