

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE022824AL\
 Data File : FE046961.D
 Signal(s) : FID1B.ch
 Acq On : 28 Feb 2024 09:14
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 29 00:22:28 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 022024.M
 Quant Title : GC Extractables
 QLast Update : Tue Feb 20 11:04:00 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)	11.793	3202968	19.495 ug/ml
Spiked Amount 50.000		Recovery =	38.99%
12) S 1-chlorooctadecane (S...	13.234	2446522	19.874 ug/ml
Spiked Amount 50.000		Recovery =	39.75%
Target Compounds			
1) T n-Nonane (C9)	3.183	2937549	19.264 ug/ml
2) T n-Decane (C10)	4.433	3124494	20.173 ug/ml
3) T A~Naphthalene (C11.7)	6.139	3085624	19.591 ug/ml
4) T n-Dodecane (C12)	6.602	3152164	20.273 ug/ml
5) T A~2-methylnaphthalene...	7.237	2854950	19.909 ug/ml
6) T n-Tetradecane (C14)	8.427	3106083	20.143 ug/ml
7) T n-Hexadecane (C16)	10.036	3171610	19.989 ug/ml
8) T n-Octadecane (C18)	11.479	3182242	19.962 ug/ml
10) T n-Eicosane (C20)	12.789	3021537	19.962 ug/ml
11) T n-Heneicosane (C21)	13.401	2916497	19.695 ug/ml
13) T n-Docosane (C22)	13.987	2966515	20.389 ug/ml
14) T n-Tetracosane (C24)	15.090	3085593	21.605 ug/ml
15) T n-Hexacosane (C26)	16.112	3104187	22.214 ug/ml
16) T n-Octacosane (C28)	17.063	3188072	23.401 ug/ml
17) T n-Tricontane (C30)	17.952	3402691	24.389 ug/ml
18) T n-Dotriacontane (C32)	18.784	3345503	24.313 ug/ml
19) T n-Tetratriacontane (C34)	19.568	3055676	22.747 ug/ml
20) T n-Hexatriacontane (C36)	20.312	2773879	20.831 ug/ml
21) T n-Octatriacontane (C38)	21.033	2622942	19.036 ug/ml
22) T n-Tetracontane (C40)	21.905	2534819	17.966 ug/ml

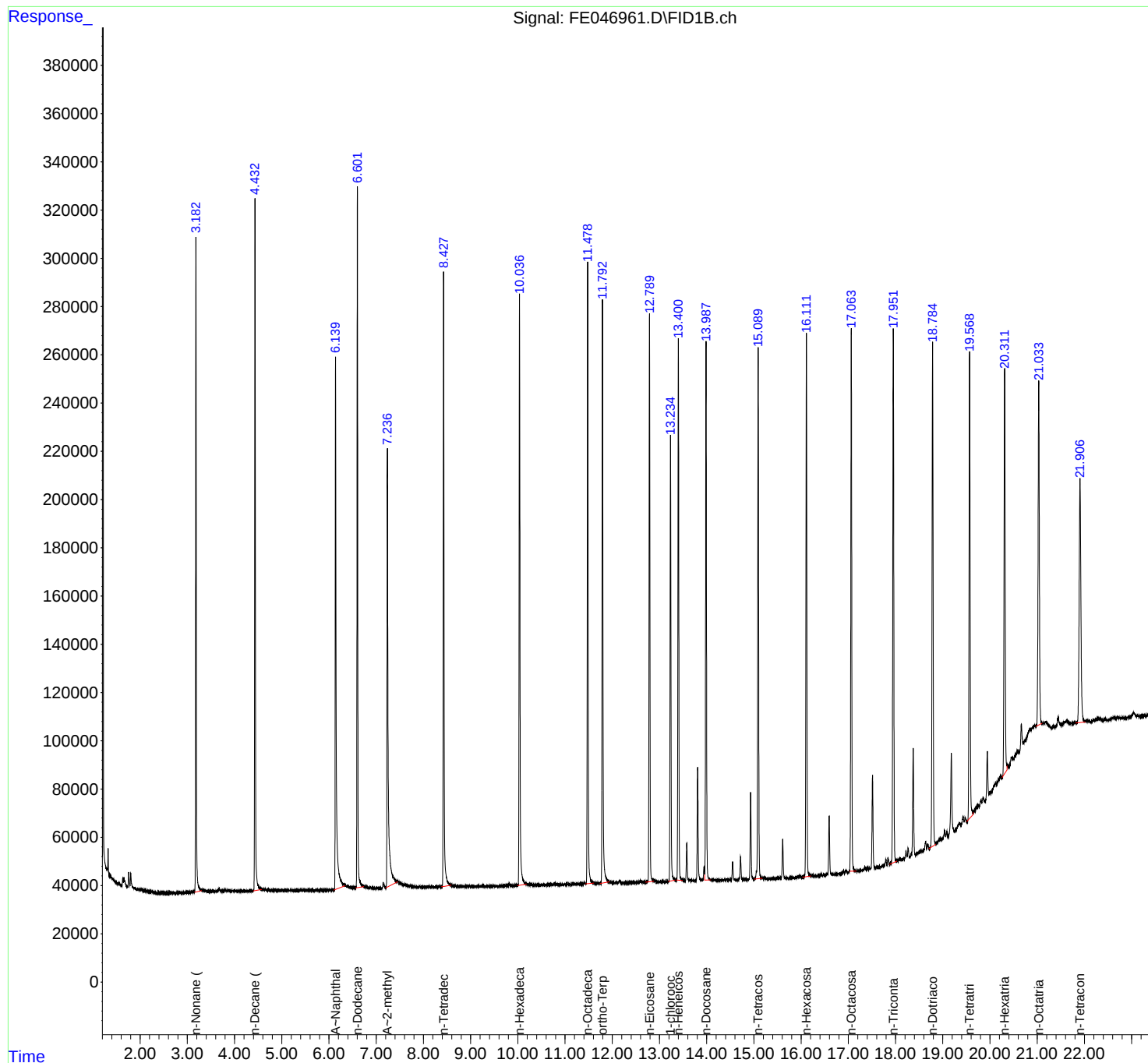
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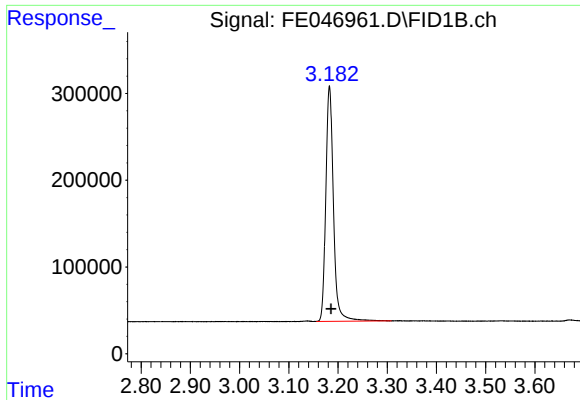
(m)=manual int.

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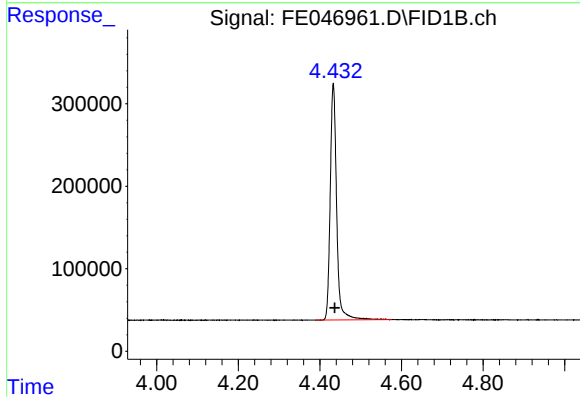
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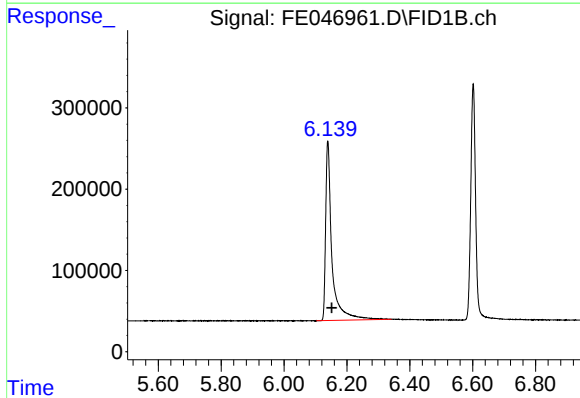
#1 n-Nonane (C9)

R.T.: 3.183 min
Delta R.T.: -0.003 min
Response: 2937549
Conc: 19.26 ug/ml



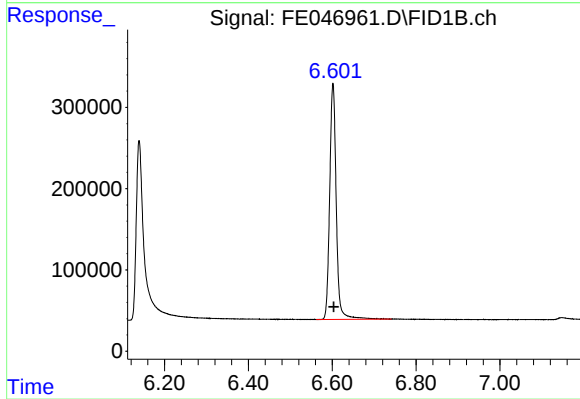
#2 n-Decane (C10)

R.T.: 4.433 min
Delta R.T.: -0.004 min
Response: 3124494
Conc: 20.17 ug/ml



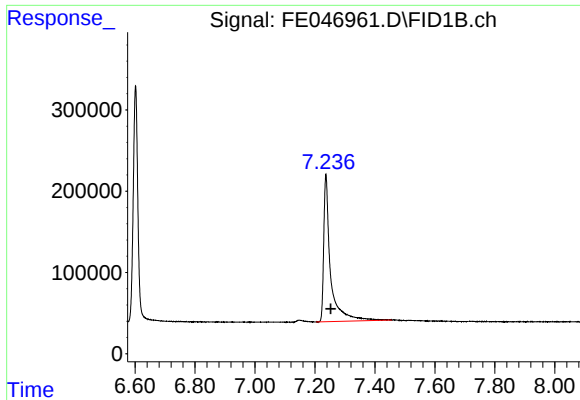
#3 A~Naphthalene (C11.7)

R.T.: 6.139 min
Delta R.T.: -0.012 min
Response: 3085624
Conc: 19.59 ug/ml



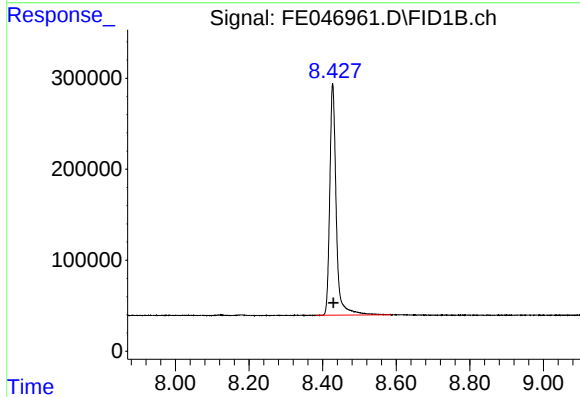
#4 n-Dodecane (C12)

R.T.: 6.602 min
Delta R.T.: -0.002 min
Response: 3152164
Conc: 20.27 ug/ml



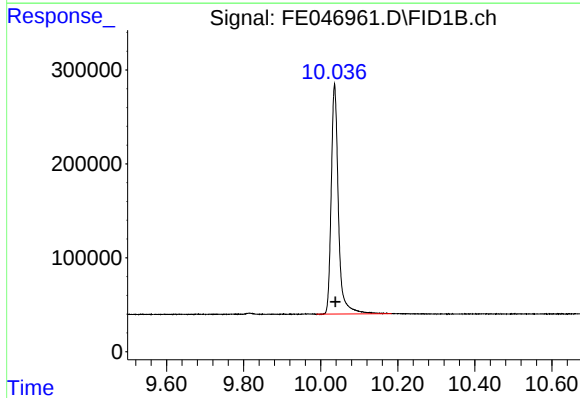
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.237 min
Delta R.T.: -0.016 min
Response: 2854950
Conc: 19.91 ug/ml



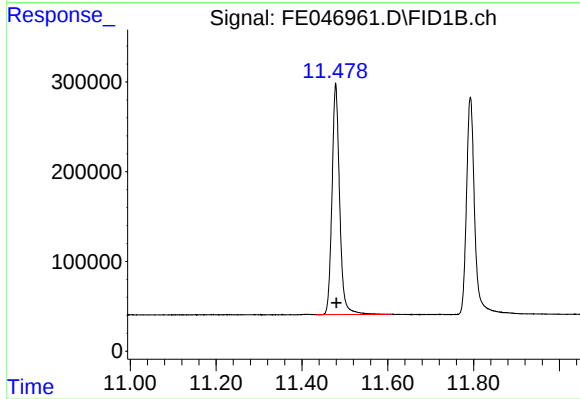
#6 n-Tetradecane (C14)

R.T.: 8.427 min
Delta R.T.: -0.002 min
Response: 3106083
Conc: 20.14 ug/ml



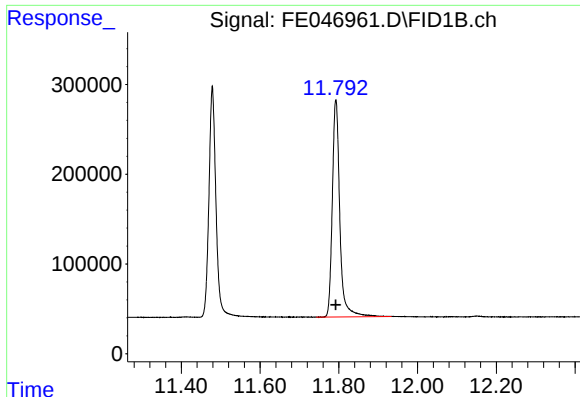
#7 n-Hexadecane (C16)

R.T.: 10.036 min
Delta R.T.: -0.003 min
Response: 3171610
Conc: 19.99 ug/ml



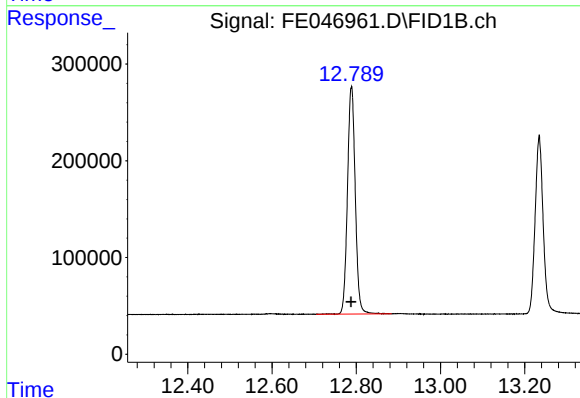
#8 n-Octadecane (C18)

R.T.: 11.479 min
Delta R.T.: -0.001 min
Response: 3182242
Conc: 19.96 ug/ml



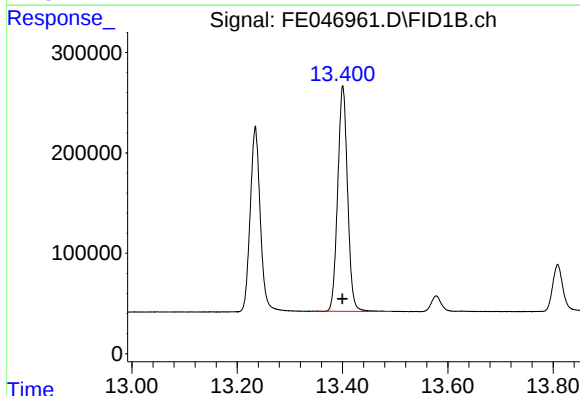
#9 ortho-Terphenyl (SURR)

R.T.: 11.793 min
Delta R.T.: 0.000 min
Response: 3202968
Conc: 19.49 ug/ml



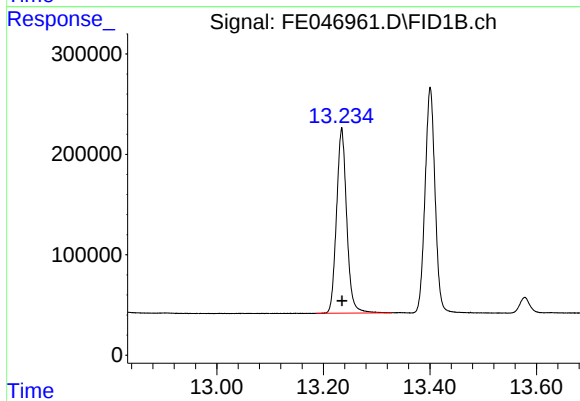
#10 n-Eicosane (C20)

R.T.: 12.789 min
Delta R.T.: 0.001 min
Response: 3021537
Conc: 19.96 ug/ml



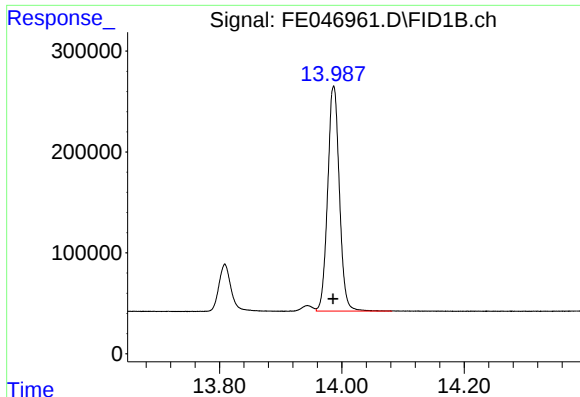
#11 n-Heneicosane (C21)

R.T.: 13.401 min
Delta R.T.: 0.001 min
Response: 2916497
Conc: 19.70 ug/ml



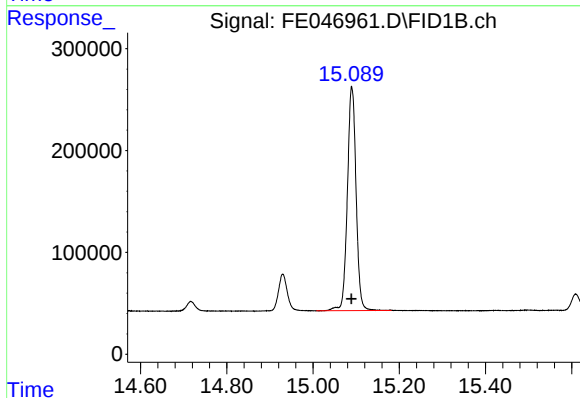
#12 1-chlorooctadecane (SURR)

R.T.: 13.234 min
Delta R.T.: 0.000 min
Response: 2446522
Conc: 19.87 ug/ml



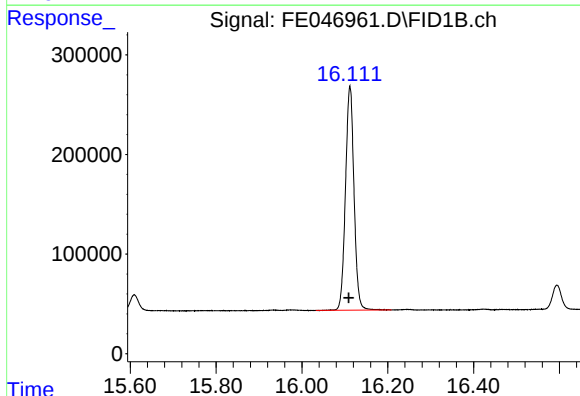
#13 n-Docosane (C22)

R.T.: 13.987 min
Delta R.T.: 0.000 min
Response: 2966515
Conc: 20.39 ug/ml



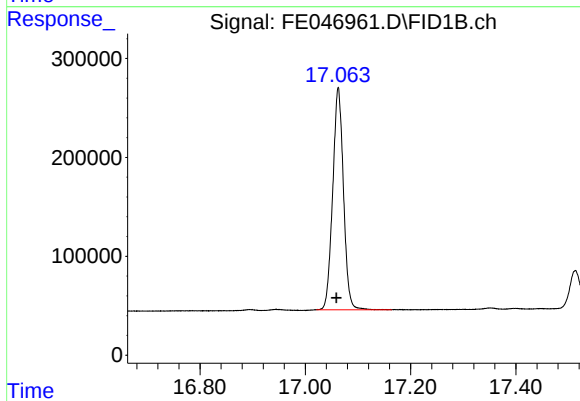
#14 n-Tetracosane (C24)

R.T.: 15.090 min
Delta R.T.: 0.001 min
Response: 3085593
Conc: 21.61 ug/ml



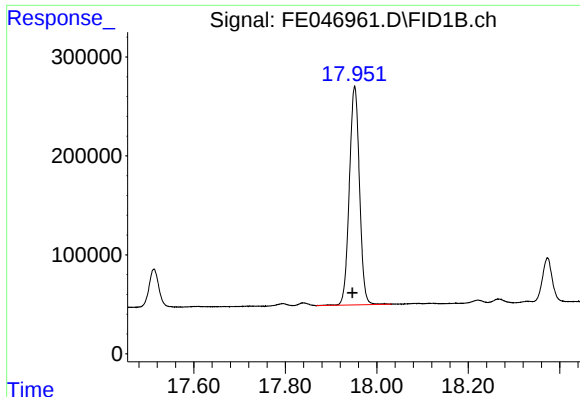
#15 n-Hexacosane (C26)

R.T.: 16.112 min
Delta R.T.: 0.003 min
Response: 3104187
Conc: 22.21 ug/ml



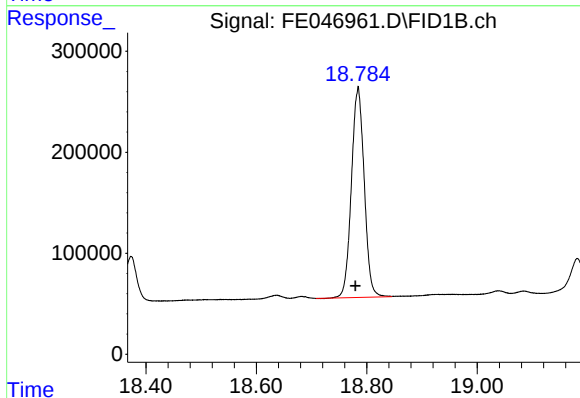
#16 n-Octacosane (C28)

R.T.: 17.063 min
Delta R.T.: 0.003 min
Response: 3188072
Conc: 23.40 ug/ml



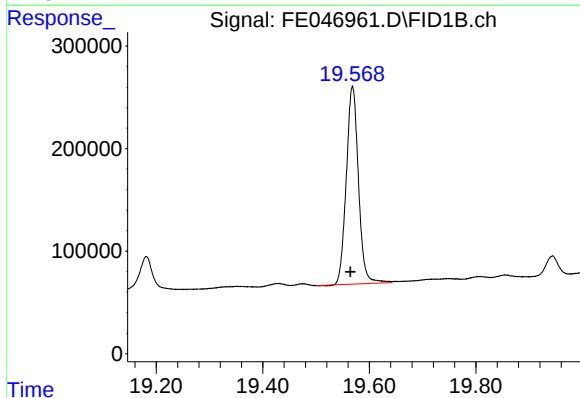
#17 n-Tricontane (C30)

R.T.: 17.952 min
Delta R.T.: 0.005 min
Response: 3402691
Conc: 24.39 ug/ml



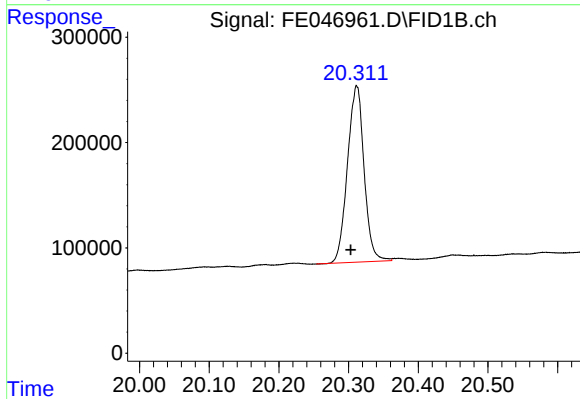
#18 n-Dotriacontane (C32)

R.T.: 18.784 min
Delta R.T.: 0.005 min
Response: 3345503
Conc: 24.31 ug/ml



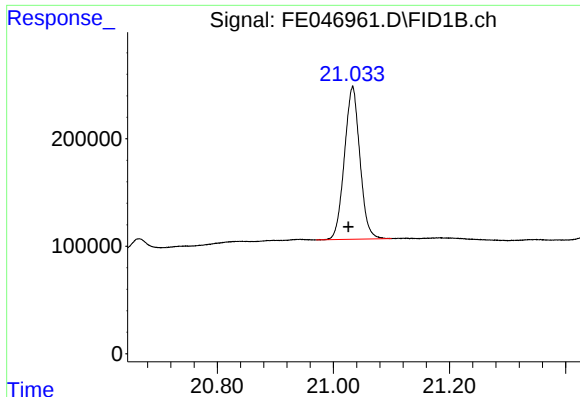
#19 n-Tetratriacontane (C34)

R.T.: 19.568 min
Delta R.T.: 0.004 min
Response: 3055676
Conc: 22.75 ug/ml



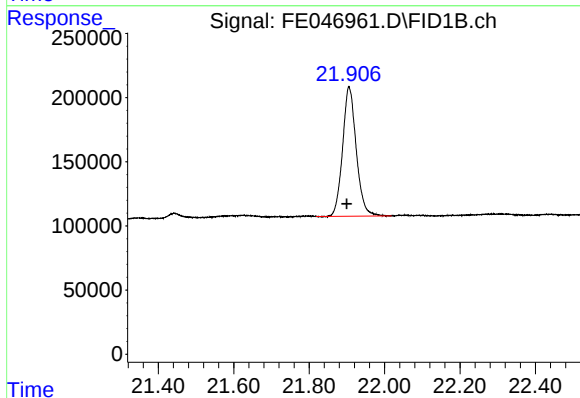
#20 n-Hexatriacontane (C36)

R.T.: 20.312 min
Delta R.T.: 0.009 min
Response: 2773879
Conc: 20.83 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.033 min
Delta R.T.: 0.008 min
Response: 2622942
Conc: 19.04 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.905 min
Delta R.T.: 0.006 min
Response: 2534819
Conc: 17.97 ug/ml