

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE030724AL\
 Data File : FE047135.D
 Signal(s) : FID1B.ch
 Acq On : 07 Mar 2024 12:16
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Mar 08 00:24:32 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)	11.780	3144694	19.140 ug/ml
Spiked Amount 50.000		Recovery =	38.28%
12) S 1-chlorooctadecane (S...	13.222	2372975	19.277 ug/ml
Spiked Amount 50.000		Recovery =	38.55%
Target Compounds			
1) T n-Nonane (C9)	3.173	2688429	17.630 ug/ml
2) T n-Decane (C10)	4.424	2865963	18.504 ug/ml
3) T A~Naphthalene (C11.7)	6.132	2829980	17.968 ug/ml
4) T n-Dodecane (C12)	6.592	2923356	18.802 ug/ml
5) T A~2-methylnaphthalene...	7.228	2543557	17.738 ug/ml
6) T n-Tetradecane (C14)	8.418	2953011	19.151 ug/ml
7) T n-Hexadecane (C16)	10.025	3054502	19.251 ug/ml
8) T n-Octadecane (C18)	11.468	3107423	19.492 ug/ml
10) T n-Eicosane (C20)	12.776	2934090	19.384 ug/ml
11) T n-Heneicosane (C21)	13.388	2841548	19.189 ug/ml
13) T n-Docosane (C22)	13.974	2841717	19.532 ug/ml
14) T n-Tetracosane (C24)	15.077	2851014	19.963 ug/ml
15) T n-Hexacosane (C26)	16.098	2815746	20.150 ug/ml
16) T n-Octacosane (C28)	17.048	2835469	20.812 ug/mlm
17) T n-Tricontane (C30)	17.936	3091515	22.159 ug/ml
18) T n-Dotriacontane (C32)	18.769	3098792	22.520 ug/ml
19) T n-Tetratriacontane (C34)	19.554	2904397	21.621 ug/ml
20) T n-Hexatriacontane (C36)	20.295	2803759	21.055 ug/ml
21) T n-Octatriacontane (C38)	21.014	2796842	20.298 ug/ml
22) T n-Tetracontane (C40)	21.884	2737984	19.406 ug/ml

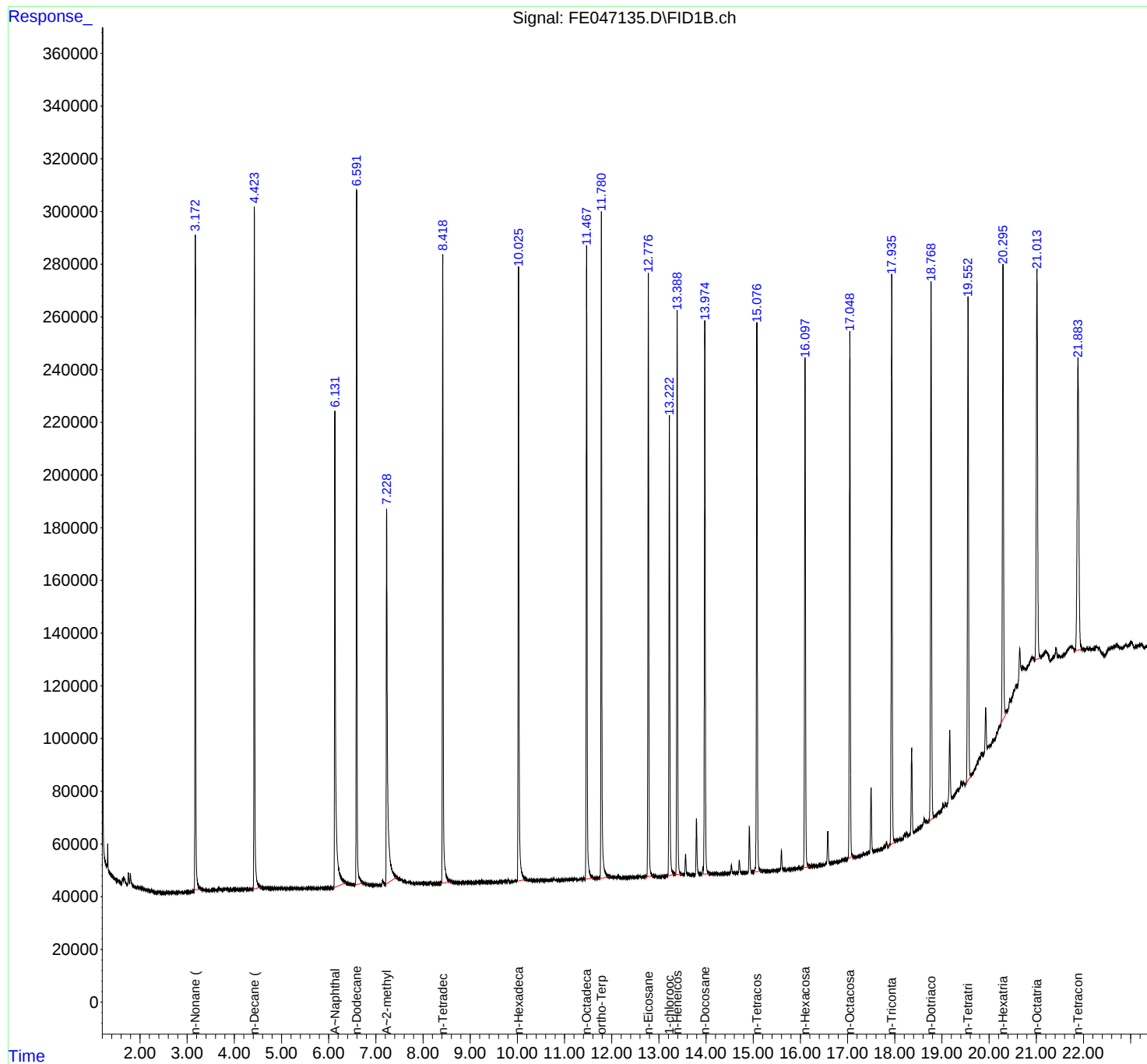
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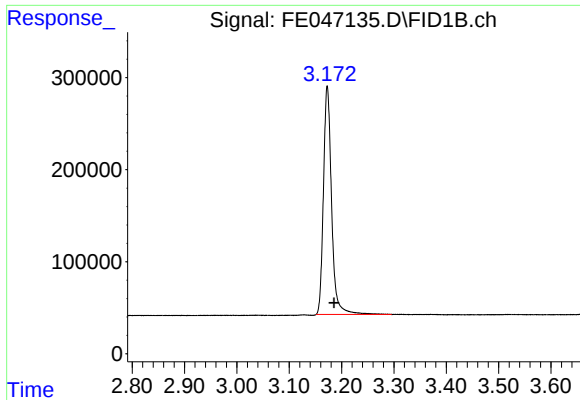
(m)=manual int.

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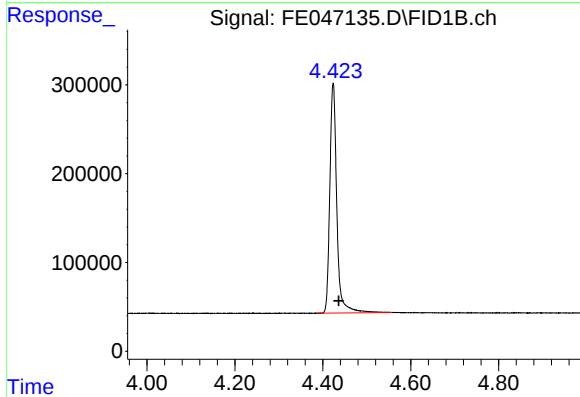
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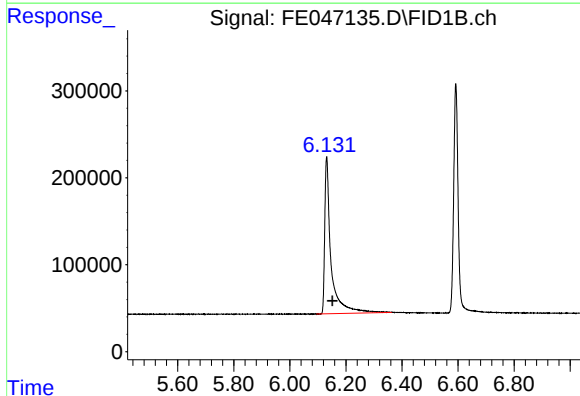
#1 n-Nonane (C9)

R.T.: 3.173 min
Delta R.T.: -0.013 min
Response: 2688429
Conc: 17.63 ug/ml



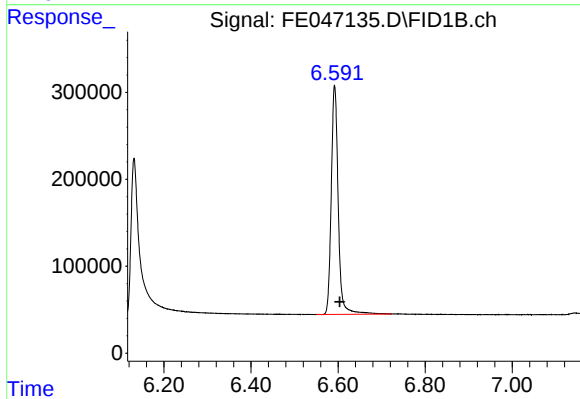
#2 n-Decane (C10)

R.T.: 4.424 min
Delta R.T.: -0.013 min
Response: 2865963
Conc: 18.50 ug/ml



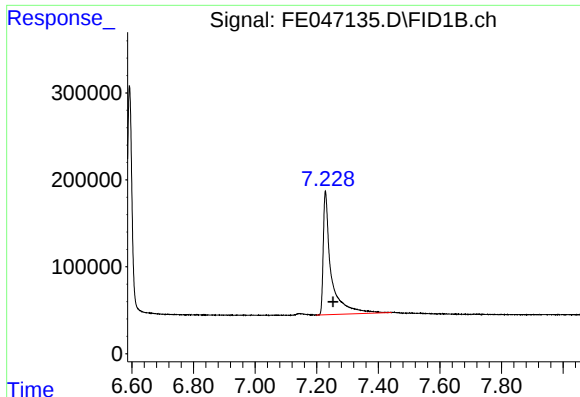
#3 A~Naphthalene (C11.7)

R.T.: 6.132 min
Delta R.T.: -0.020 min
Response: 2829980
Conc: 17.97 ug/ml



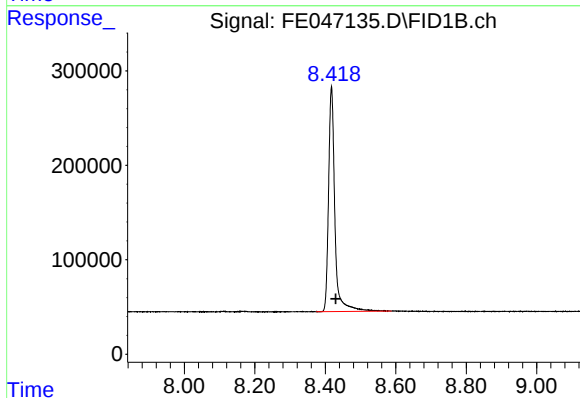
#4 n-Dodecane (C12)

R.T.: 6.592 min
Delta R.T.: -0.012 min
Response: 2923356
Conc: 18.80 ug/ml



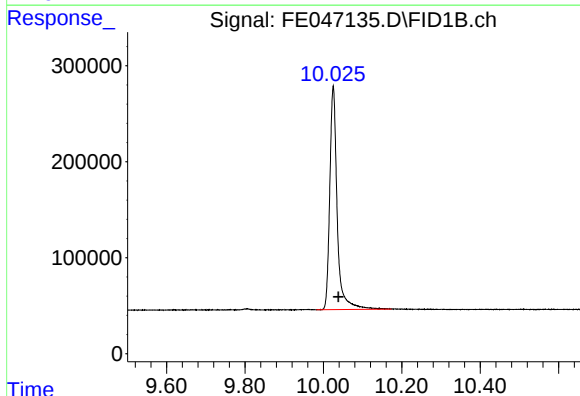
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.228 min
Delta R.T.: -0.024 min
Response: 2543557
Conc: 17.74 ug/ml



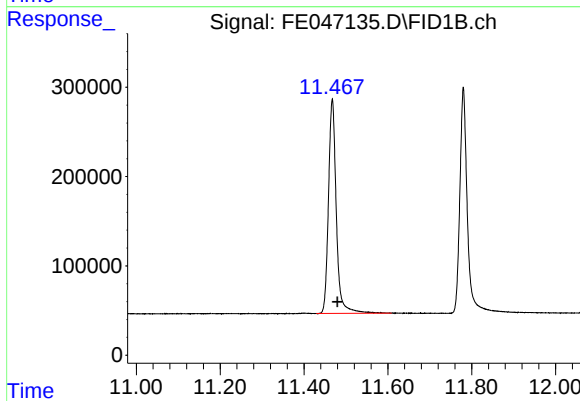
#6 n-Tetradecane (C14)

R.T.: 8.418 min
Delta R.T.: -0.012 min
Response: 2953011
Conc: 19.15 ug/ml



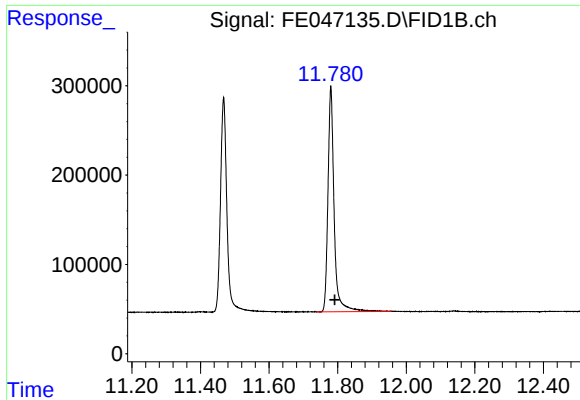
#7 n-Hexadecane (C16)

R.T.: 10.025 min
Delta R.T.: -0.013 min
Response: 3054502
Conc: 19.25 ug/ml



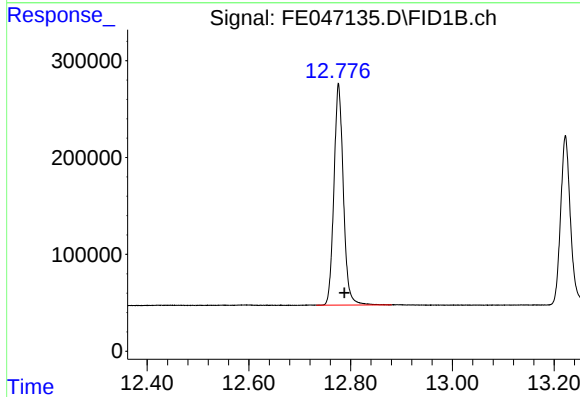
#8 n-Octadecane (C18)

R.T.: 11.468 min
Delta R.T.: -0.012 min
Response: 3107423
Conc: 19.49 ug/ml



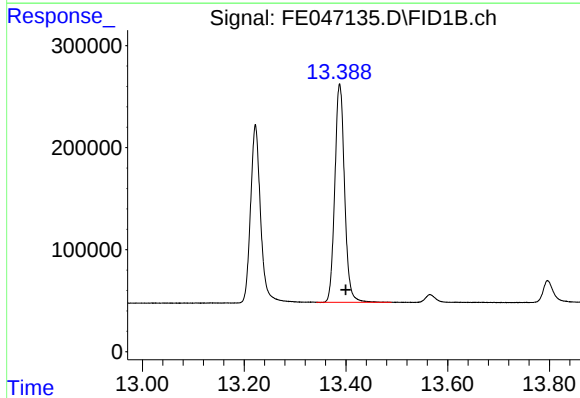
#9 ortho-Terphenyl (SURR)

R.T.: 11.780 min
Delta R.T.: -0.012 min
Response: 3144694
Conc: 19.14 ug/ml



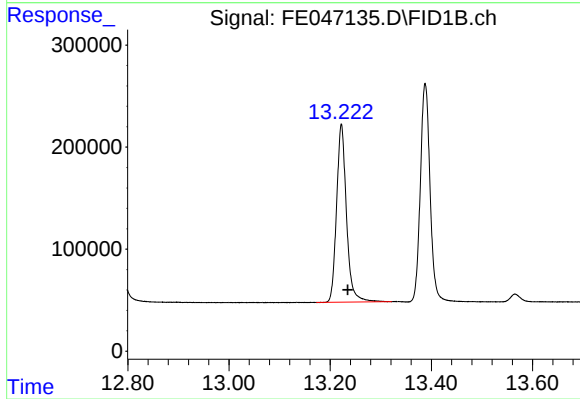
#10 n-Eicosane (C20)

R.T.: 12.776 min
Delta R.T.: -0.011 min
Response: 2934090
Conc: 19.38 ug/ml



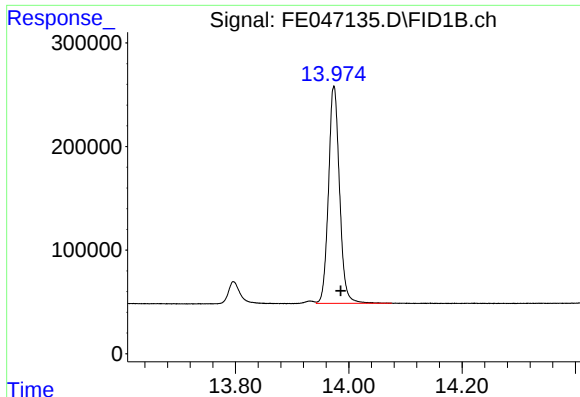
#11 n-Heneicosane (C21)

R.T.: 13.388 min
Delta R.T.: -0.012 min
Response: 2841548
Conc: 19.19 ug/ml



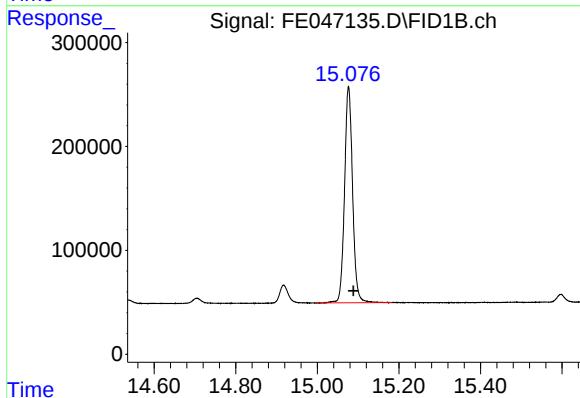
#12 1-chlorooctadecane (SURR)

R.T.: 13.222 min
Delta R.T.: -0.013 min
Response: 2372975
Conc: 19.28 ug/ml



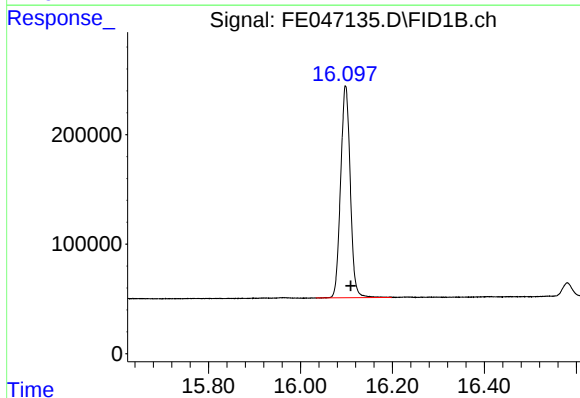
#13 n-Docosane (C22)

R.T.: 13.974 min
Delta R.T.: -0.012 min
Response: 2841717
Conc: 19.53 ug/ml



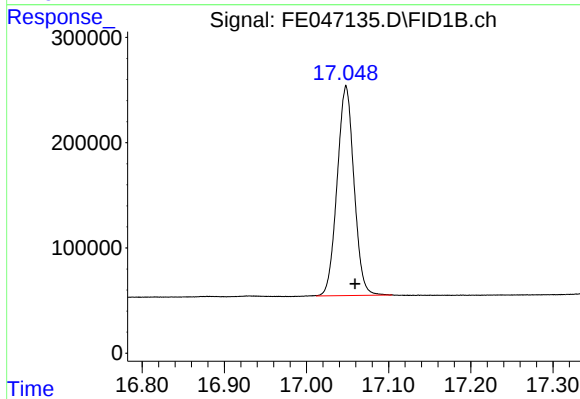
#14 n-Tetracosane (C24)

R.T.: 15.077 min
Delta R.T.: -0.012 min
Response: 2851014
Conc: 19.96 ug/ml



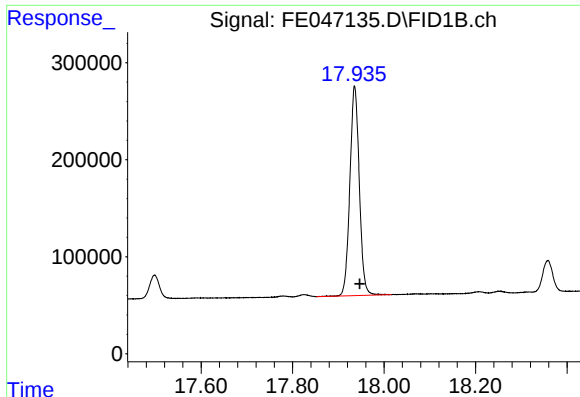
#15 n-Hexacosane (C26)

R.T.: 16.098 min
Delta R.T.: -0.011 min
Response: 2815746
Conc: 20.15 ug/ml



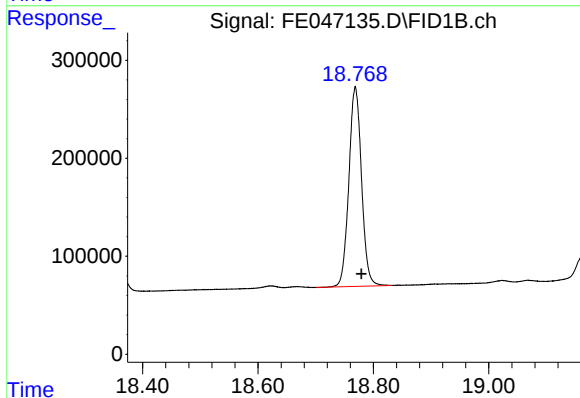
#16 n-Octacosane (C28)

R.T.: 17.048 min
Delta R.T.: -0.011 min
Response: 2835469
Conc: 20.81 ug/ml m



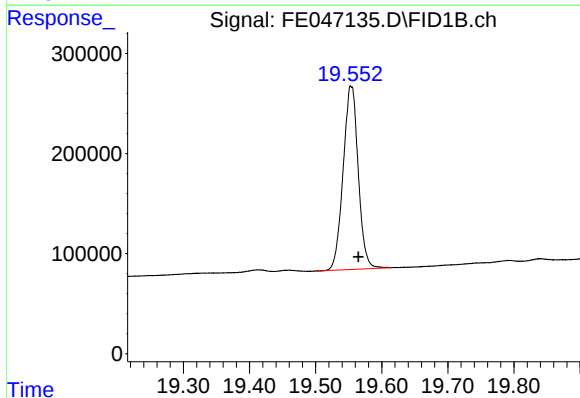
#17 n-Tricontane (C30)

R.T.: 17.936 min
Delta R.T.: -0.011 min
Response: 3091515
Conc: 22.16 ug/ml



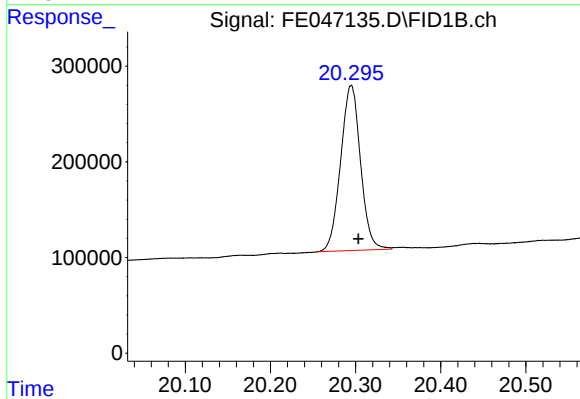
#18 n-Dotriacontane (C32)

R.T.: 18.769 min
Delta R.T.: -0.011 min
Response: 3098792
Conc: 22.52 ug/ml



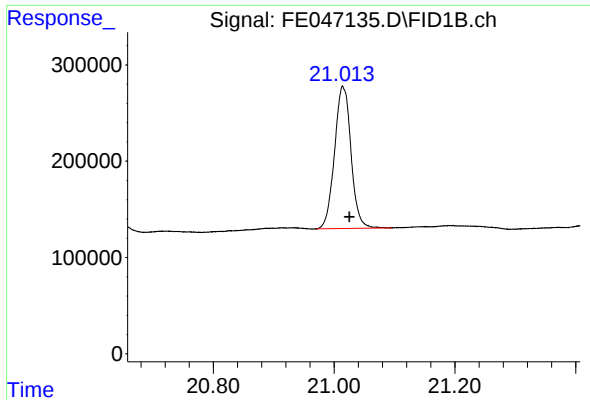
#19 n-Tetratriacontane (C34)

R.T.: 19.554 min
Delta R.T.: -0.011 min
Response: 2904397
Conc: 21.62 ug/ml



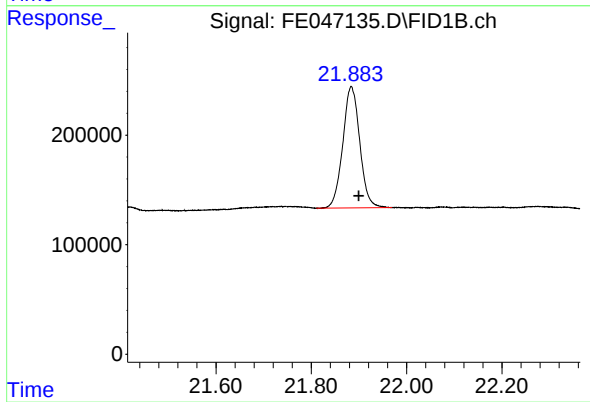
#20 n-Hexatriacontane (C36)

R.T.: 20.295 min
Delta R.T.: -0.008 min
Response: 2803759
Conc: 21.06 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.014 min
Delta R.T.: -0.011 min
Response: 2796842
Conc: 20.30 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.884 min
Delta R.T.: -0.016 min
Response: 2737984
Conc: 19.41 ug/ml