

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE030124AL\
 Data File : FE047027.D
 Signal(s) : FID1B.ch
 Acq On : 01 Mar 2024 08:17
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Mar 02 01:25:01 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)	11.783	3174180	19.320 ug/ml
Spiked Amount 50.000		Recovery =	38.64%
12) S 1-chlorooctadecane (S...	13.224	2431138	19.749 ug/ml
Spiked Amount 50.000		Recovery =	39.50%
Target Compounds			
1) T n-Nonane (C9)	3.177	2962627	19.428 ug/ml
2) T n-Decane (C10)	4.428	3050831	19.698 ug/ml
3) T A~Naphthalene (C11.7)	6.134	3018873	19.167 ug/ml
4) T n-Dodecane (C12)	6.595	3069932	19.744 ug/ml
5) T A~2-methylnaphthalene...	7.231	2732977	19.059 ug/ml
6) T n-Tetradecane (C14)	8.421	3047486	19.763 ug/ml
7) T n-Hexadecane (C16)	10.028	3118700	19.656 ug/ml
8) T n-Octadecane (C18)	11.471	3140807	19.702 ug/ml
10) T n-Eicosane (C20)	12.779	2961322	19.564 ug/ml
11) T n-Heneicosane (C21)	13.390	2889709	19.514 ug/ml
13) T n-Docosane (C22)	13.977	2848767	19.580 ug/ml
14) T n-Tetracosane (C24)	15.079	2806397	19.650 ug/ml
15) T n-Hexacosane (C26)	16.101	2759216	19.745 ug/ml
16) T n-Octacosane (C28)	17.050	2665395	19.564 ug/ml
17) T n-Tricontane (C30)	17.938	2861905	20.513 ug/ml
18) T n-Dotriacontane (C32)	18.770	2868380	20.845 ug/ml
19) T n-Tetratriacontane (C34)	19.554	2802493	20.862 ug/ml
20) T n-Hexatriacontane (C36)	20.295	2784741	20.912 ug/ml
21) T n-Octatriacontane (C38)	21.016	2811042	20.401 ug/ml
22) T n-Tetracontane (C40)	21.885	2872127	20.357 ug/ml

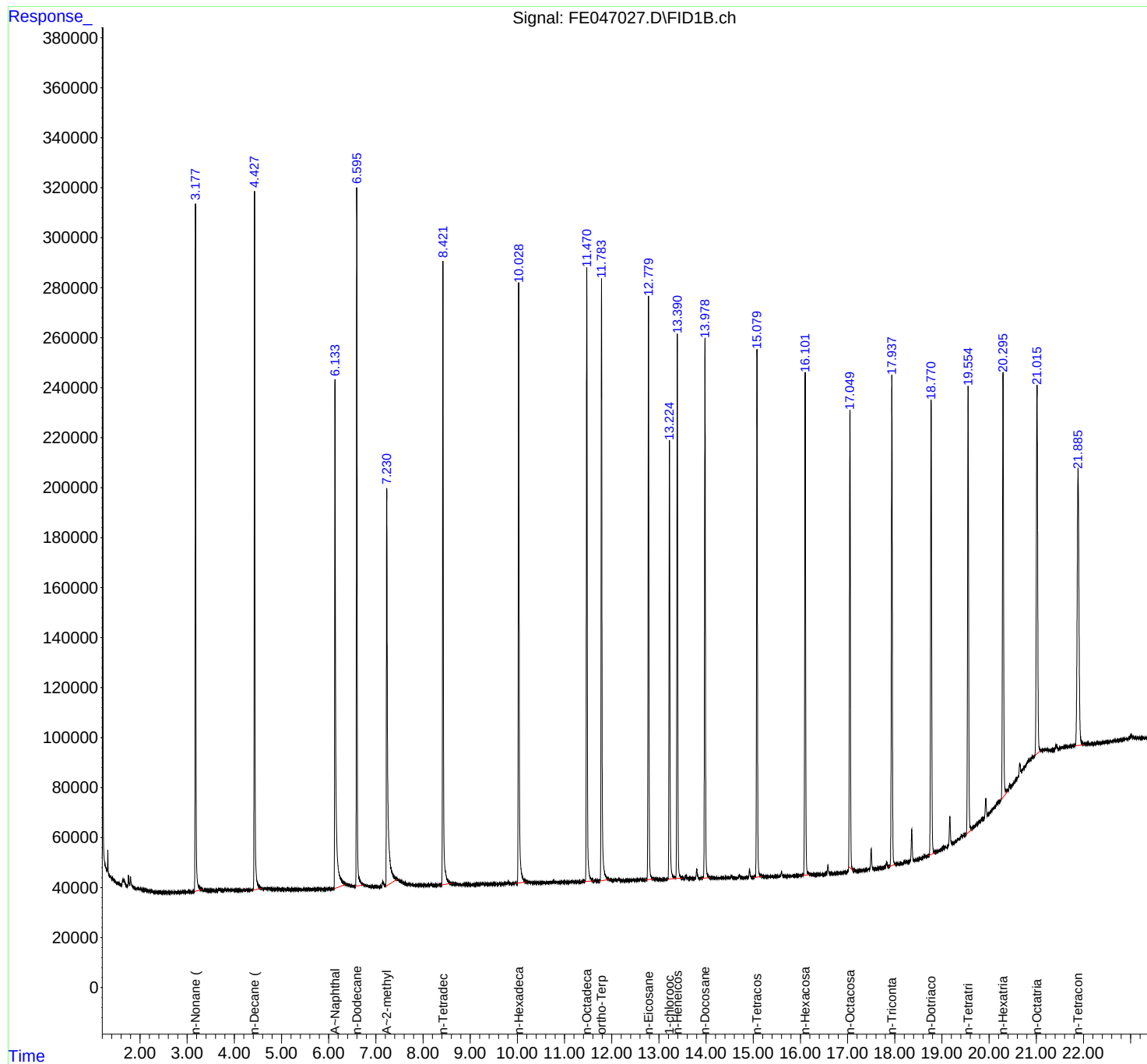
(f)=RT Delta > 1/2 Window

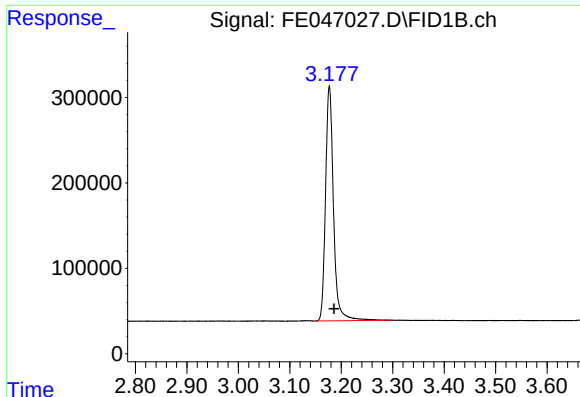
(m)=manual int.

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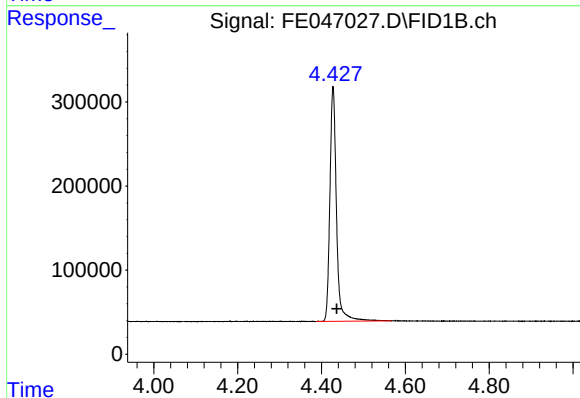
Volume Inj. : 1 ul
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Signal Info : 20M x 0.18mm x 0.18um





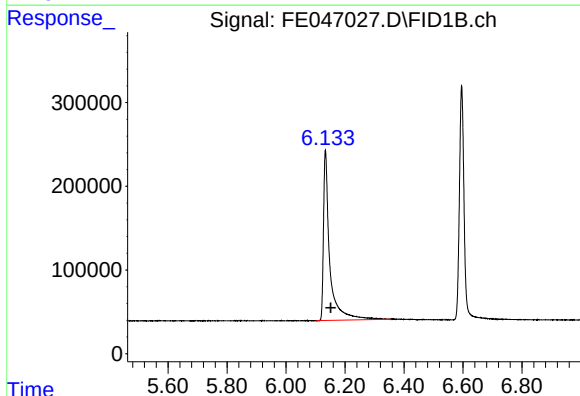
#1 n-Nonane (C9)

R.T.: 3.177 min
Delta R.T.: -0.009 min
Response: 2962627
Conc: 19.43 ug/ml



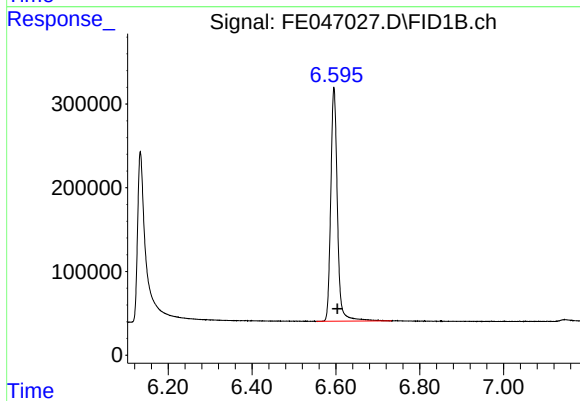
#2 n-Decane (C10)

R.T.: 4.428 min
Delta R.T.: -0.009 min
Response: 3050831
Conc: 19.70 ug/ml



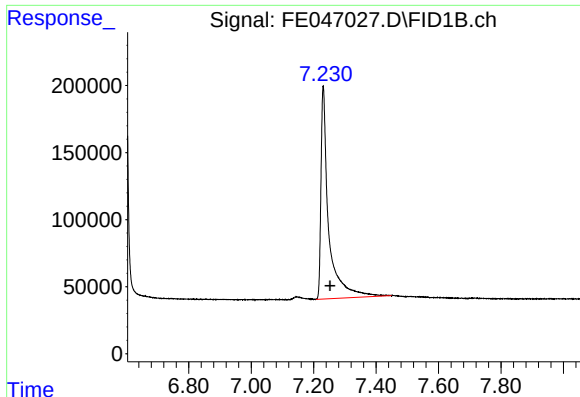
#3 A~Naphthalene (C11.7)

R.T.: 6.134 min
Delta R.T.: -0.018 min
Response: 3018873
Conc: 19.17 ug/ml



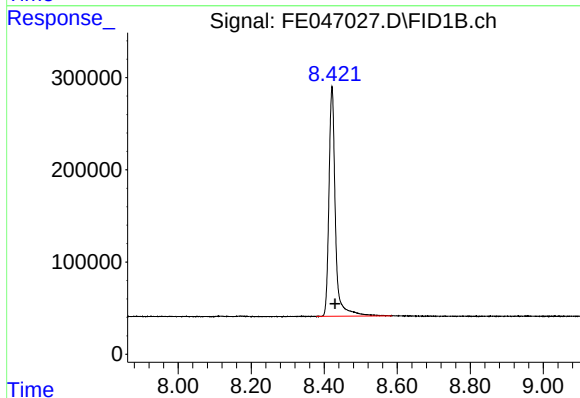
#4 n-Dodecane (C12)

R.T.: 6.595 min
Delta R.T.: -0.008 min
Response: 3069932
Conc: 19.74 ug/ml



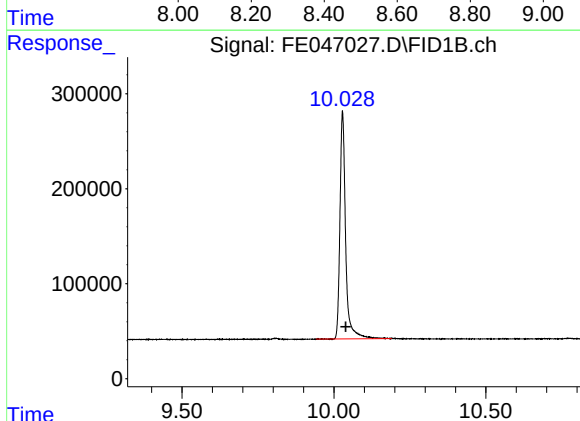
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.231 min
Delta R.T.: -0.022 min
Response: 2732977
Conc: 19.06 ug/ml



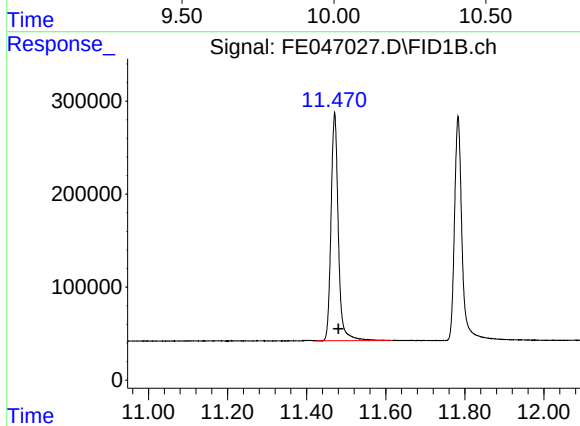
#6 n-Tetradecane (C14)

R.T.: 8.421 min
Delta R.T.: -0.008 min
Response: 3047486
Conc: 19.76 ug/ml



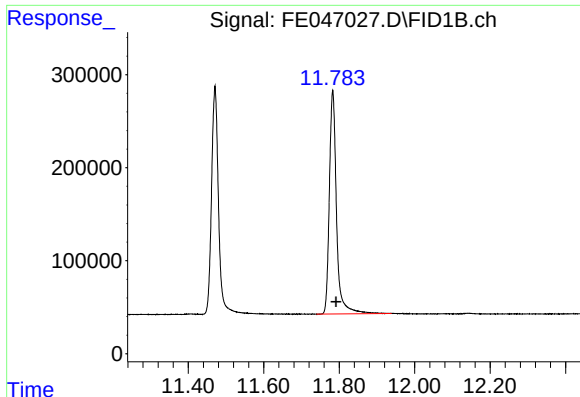
#7 n-Hexadecane (C16)

R.T.: 10.028 min
Delta R.T.: -0.010 min
Response: 3118700
Conc: 19.66 ug/ml



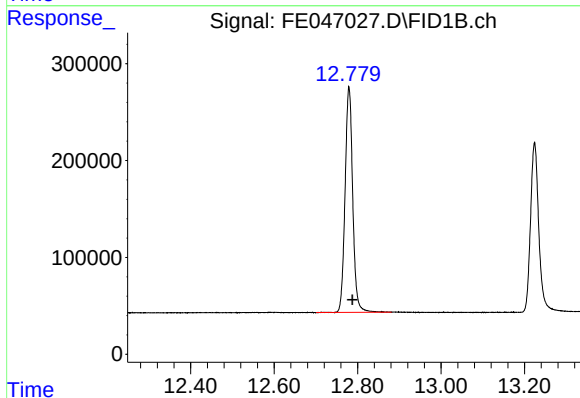
#8 n-Octadecane (C18)

R.T.: 11.471 min
Delta R.T.: -0.009 min
Response: 3140807
Conc: 19.70 ug/ml



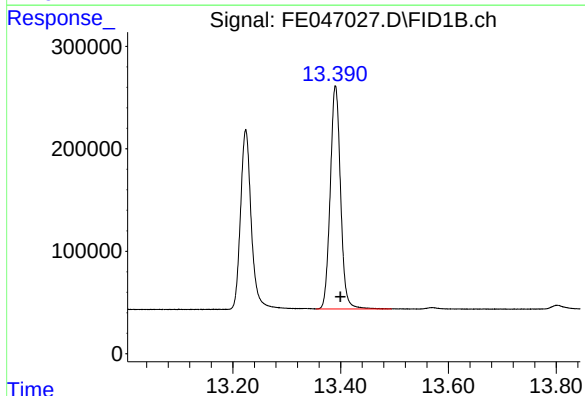
#9 ortho-Terphenyl (SURR)

R.T.: 11.783 min
Delta R.T.: -0.009 min
Response: 3174180
Conc: 19.32 ug/ml



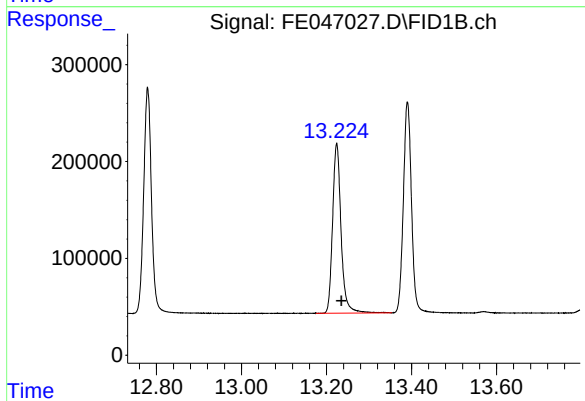
#10 n-Eicosane (C20)

R.T.: 12.779 min
Delta R.T.: -0.008 min
Response: 2961322
Conc: 19.56 ug/ml



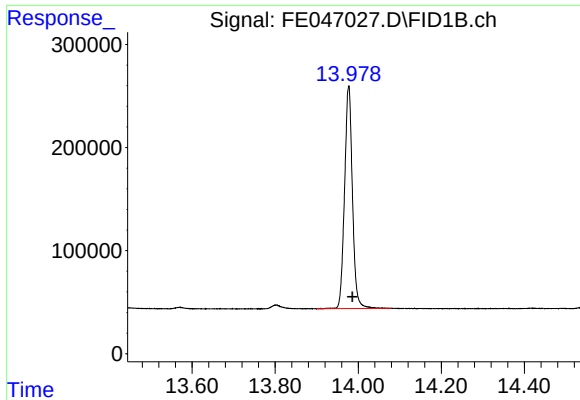
#11 n-Heneicosane (C21)

R.T.: 13.390 min
Delta R.T.: -0.009 min
Response: 2889709
Conc: 19.51 ug/ml



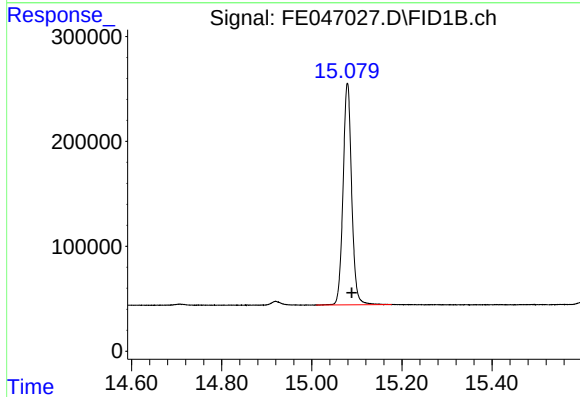
#12 1-chlorooctadecane (SURR)

R.T.: 13.224 min
Delta R.T.: -0.011 min
Response: 2431138
Conc: 19.75 ug/ml



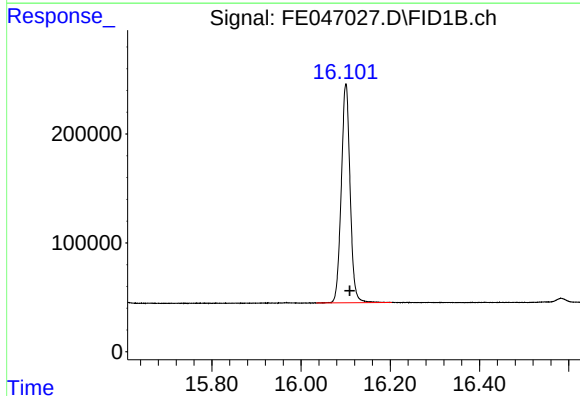
#13 n-Docosane (C22)

R.T.: 13.977 min
Delta R.T.: -0.009 min
Response: 2848767
Conc: 19.58 ug/ml



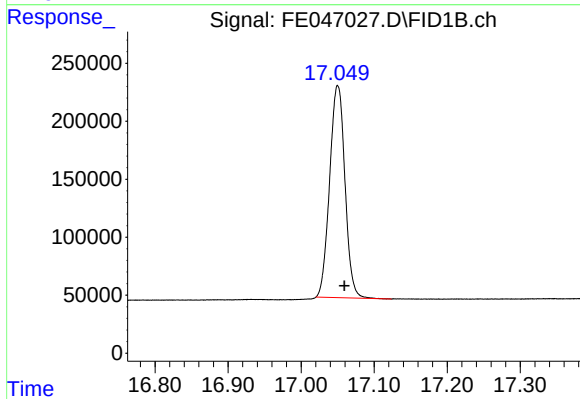
#14 n-Tetracosane (C24)

R.T.: 15.079 min
Delta R.T.: -0.010 min
Response: 2806397
Conc: 19.65 ug/ml



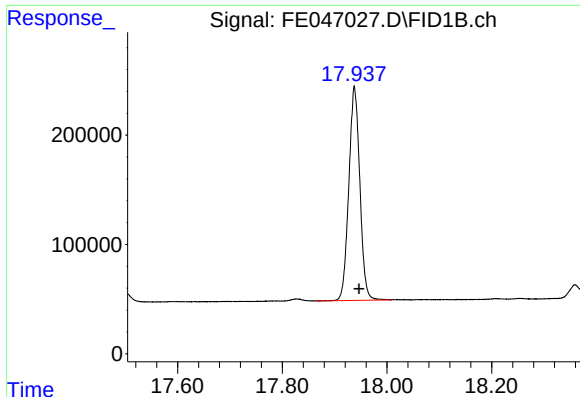
#15 n-Hexacosane (C26)

R.T.: 16.101 min
Delta R.T.: -0.009 min
Response: 2759216
Conc: 19.75 ug/ml



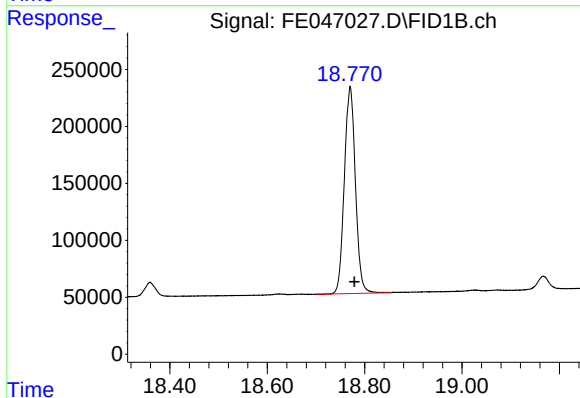
#16 n-Octacosane (C28)

R.T.: 17.050 min
Delta R.T.: -0.009 min
Response: 2665395
Conc: 19.56 ug/ml



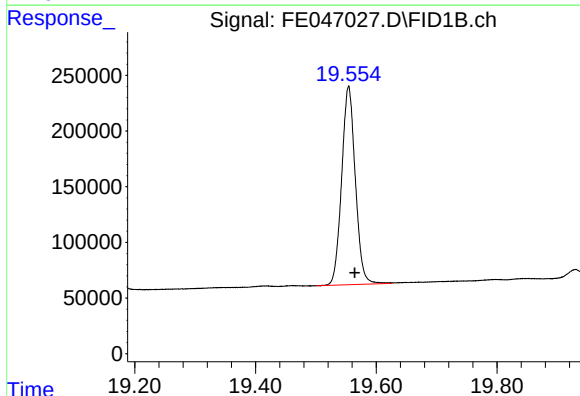
#17 n-Tricontane (C30)

R.T.: 17.938 min
Delta R.T.: -0.009 min
Response: 2861905
Conc: 20.51 ug/ml



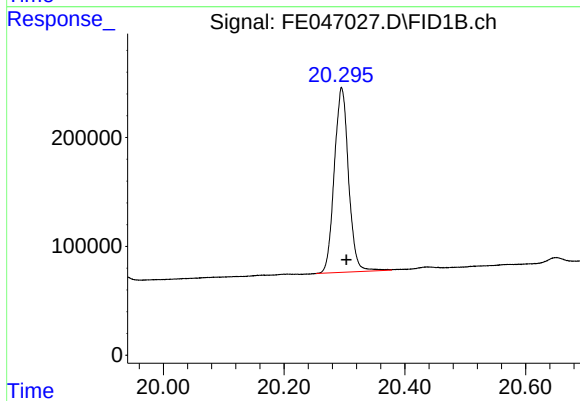
#18 n-Dotriacontane (C32)

R.T.: 18.770 min
Delta R.T.: -0.009 min
Response: 2868380
Conc: 20.85 ug/ml



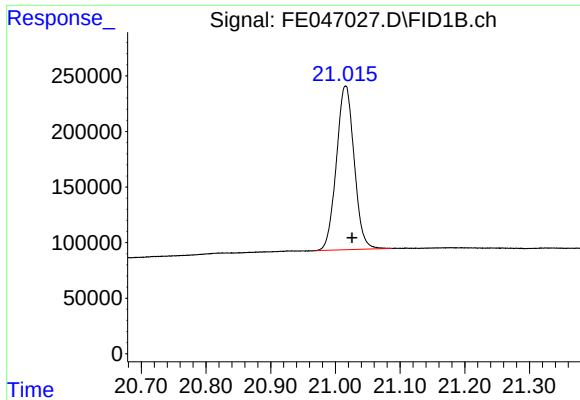
#19 n-Tetratriacontane (C34)

R.T.: 19.554 min
Delta R.T.: -0.010 min
Response: 2802493
Conc: 20.86 ug/ml



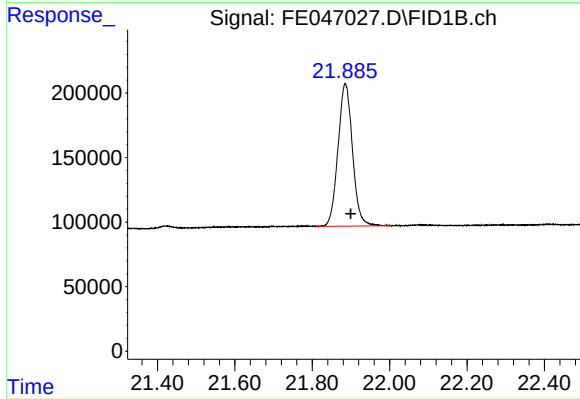
#20 n-Hexatriacontane (C36)

R.T.: 20.295 min
Delta R.T.: -0.008 min
Response: 2784741
Conc: 20.91 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.016 min
Delta R.T.: -0.010 min
Response: 2811042
Conc: 20.40 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.885 min
Delta R.T.: -0.015 min
Response: 2872127
Conc: 20.36 ug/ml