

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE030524AL\
 Data File : FE047086.D
 Signal(s) : FID1B.ch
 Acq On : 05 Mar 2024 11:00
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Mar 06 00:24:28 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)	11.781	3256146	19.819 ug/ml
Spiked Amount 50.000		Recovery =	39.64%
12) S 1-chlorooctadecane (S...	13.222	2447810	19.885 ug/ml
Spiked Amount 50.000		Recovery =	39.77%
Target Compounds			
1) T n-Nonane (C9)	3.174	3008793	19.731 ug/ml
2) T n-Decane (C10)	4.425	3091157	19.958 ug/ml
3) T A~Naphthalene (C11.7)	6.132	3043071	19.321 ug/ml
4) T n-Dodecane (C12)	6.593	3119978	20.066 ug/ml
5) T A~2-methylnaphthalene...	7.229	2748644	19.168 ug/ml
6) T n-Tetradecane (C14)	8.419	3092131	20.053 ug/ml
7) T n-Hexadecane (C16)	10.026	3167064	19.961 ug/ml
8) T n-Octadecane (C18)	11.468	3205519	20.108 ug/ml
10) T n-Eicosane (C20)	12.776	3024015	19.978 ug/ml
11) T n-Heneicosane (C21)	13.388	2939924	19.853 ug/ml
13) T n-Docosane (C22)	13.974	2906529	19.977 ug/ml
14) T n-Tetracosane (C24)	15.077	2861373	20.035 ug/ml
15) T n-Hexacosane (C26)	16.099	2796873	20.015 ug/ml
16) T n-Octacosane (C28)	17.047	2593931	19.040 ug/ml
17) T n-Tricontane (C30)	17.935	2831780	20.297 ug/ml
18) T n-Dotriacontane (C32)	18.767	2800615	20.353 ug/ml
19) T n-Tetratriacontane (C34)	19.553	2753655	20.498 ug/ml
20) T n-Hexatriacontane (C36)	20.294	2751118	20.660 ug/ml
21) T n-Octatriacontane (C38)	21.012	2838083	20.598 ug/ml
22) T n-Tetracontane (C40)	21.880	2864181	20.300 ug/ml

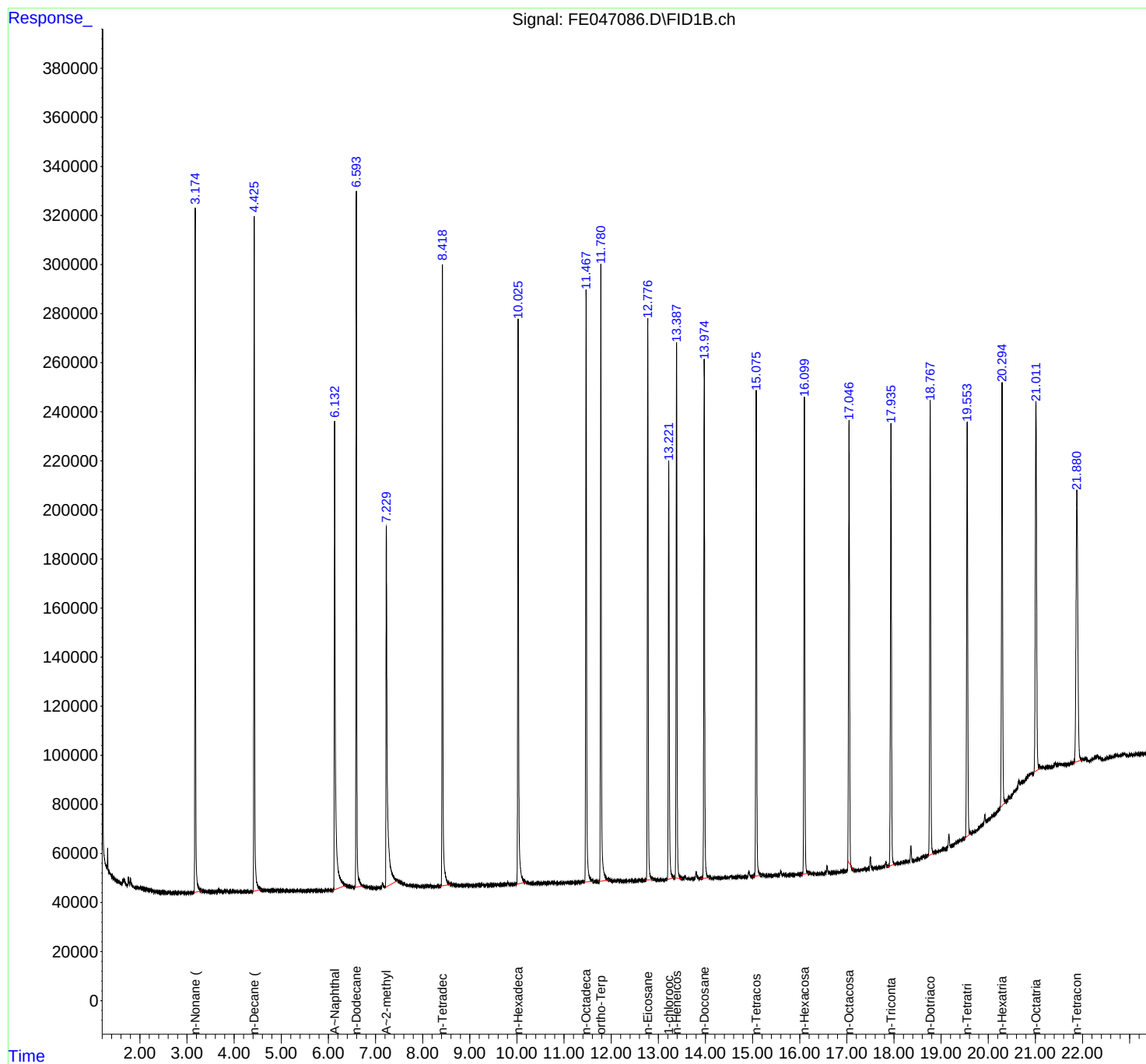
(f)=RT Delta > 1/2 Window

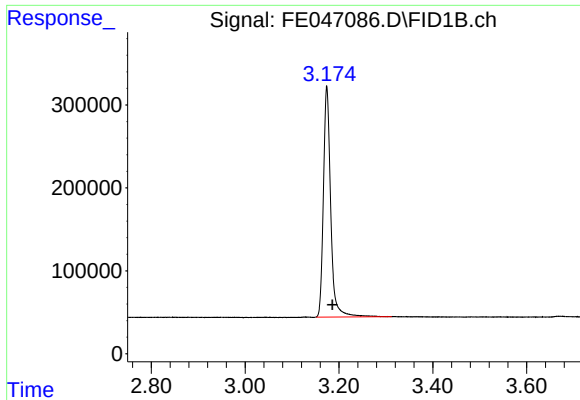
(m)=manual int.

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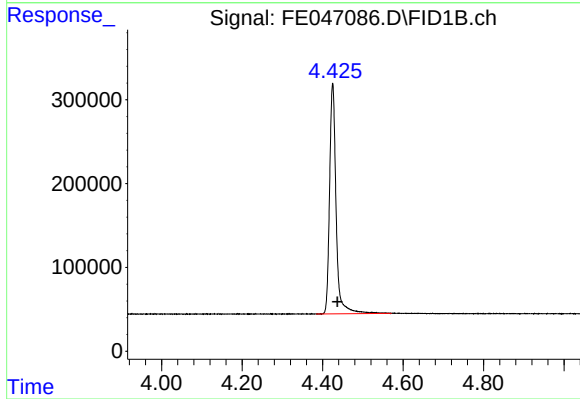
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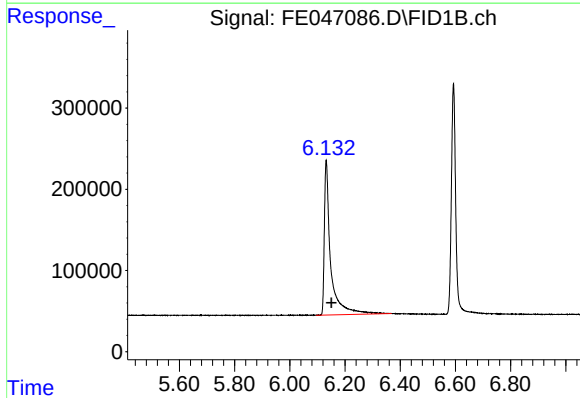
#1 n-Nonane (C9)

R.T.: 3.174 min
Delta R.T.: -0.012 min
Response: 3008793
Conc: 19.73 ug/ml



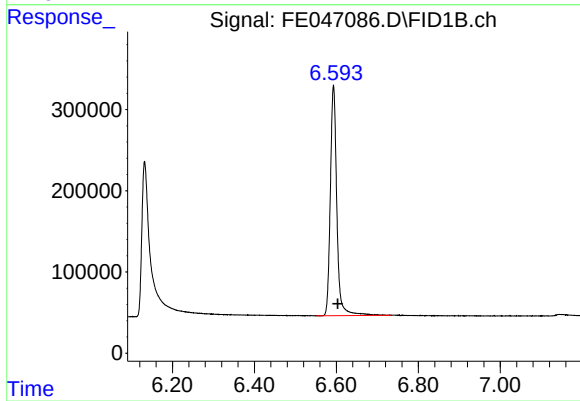
#2 n-Decane (C10)

R.T.: 4.425 min
Delta R.T.: -0.011 min
Response: 3091157
Conc: 19.96 ug/ml



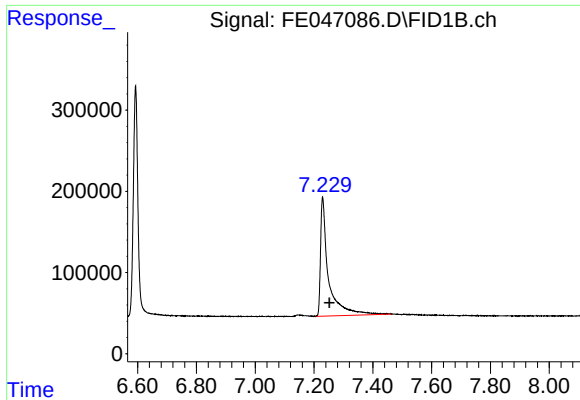
#3 A~Naphthalene (C11.7)

R.T.: 6.132 min
Delta R.T.: -0.019 min
Response: 3043071
Conc: 19.32 ug/ml



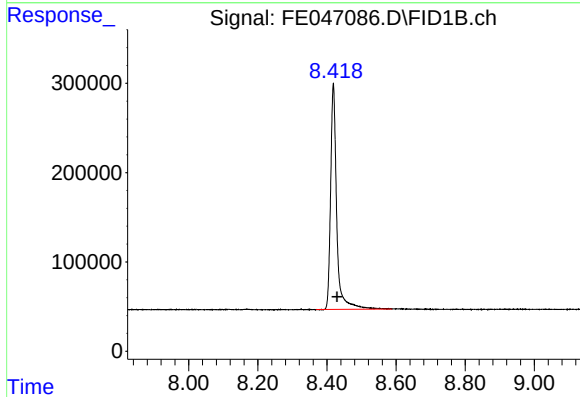
#4 n-Dodecane (C12)

R.T.: 6.593 min
Delta R.T.: -0.011 min
Response: 3119978
Conc: 20.07 ug/ml



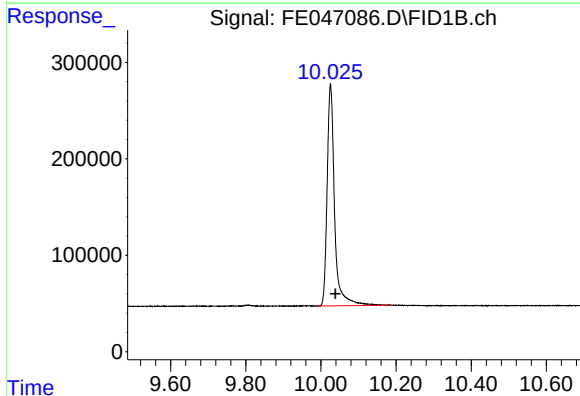
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.229 min
Delta R.T.: -0.023 min
Response: 2748644
Conc: 19.17 ug/ml



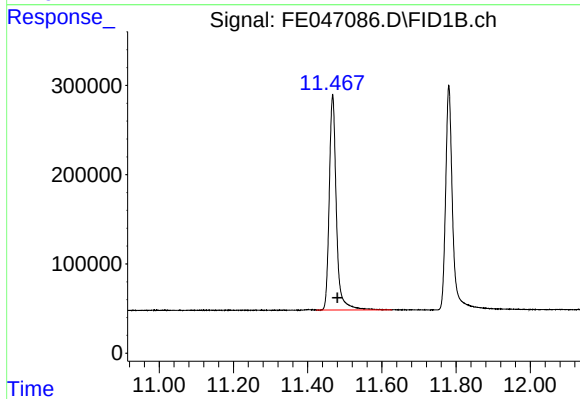
#6 n-Tetradecane (C14)

R.T.: 8.419 min
Delta R.T.: -0.011 min
Response: 3092131
Conc: 20.05 ug/ml



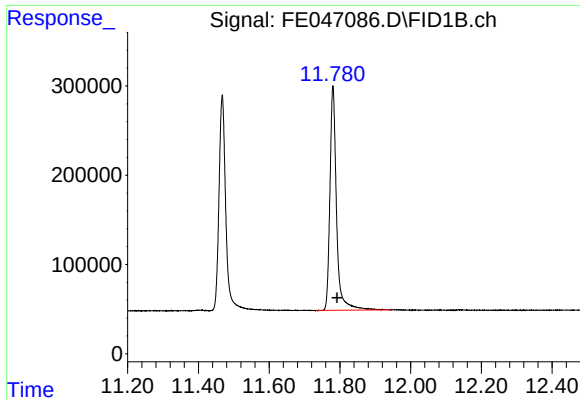
#7 n-Hexadecane (C16)

R.T.: 10.026 min
Delta R.T.: -0.013 min
Response: 3167064
Conc: 19.96 ug/ml



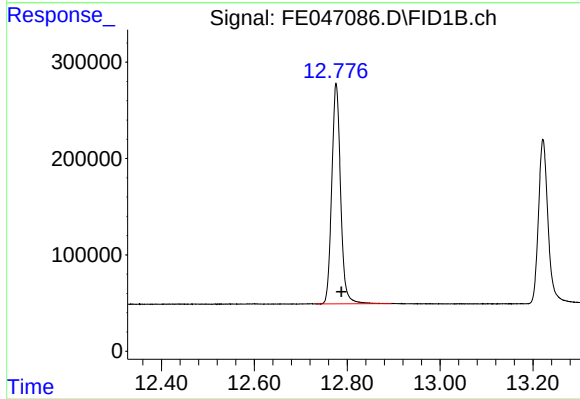
#8 n-Octadecane (C18)

R.T.: 11.468 min
Delta R.T.: -0.013 min
Response: 3205519
Conc: 20.11 ug/ml



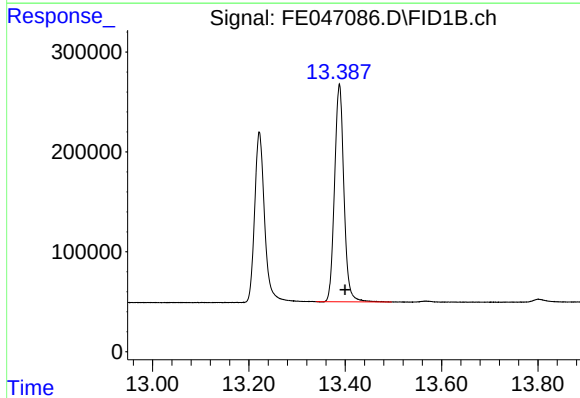
#9 ortho-Terphenyl (SURR)

R.T.: 11.781 min
Delta R.T.: -0.012 min
Response: 3256146
Conc: 19.82 ug/ml



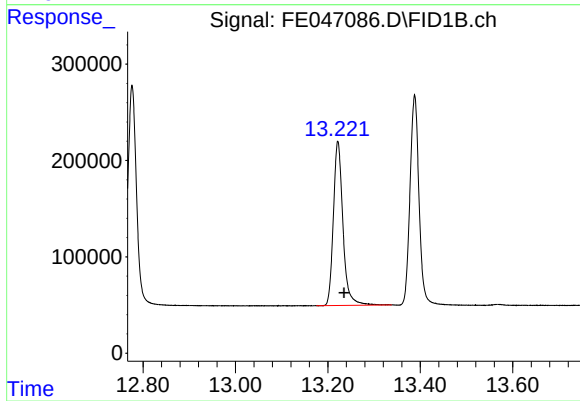
#10 n-Eicosane (C20)

R.T.: 12.776 min
Delta R.T.: -0.011 min
Response: 3024015
Conc: 19.98 ug/ml



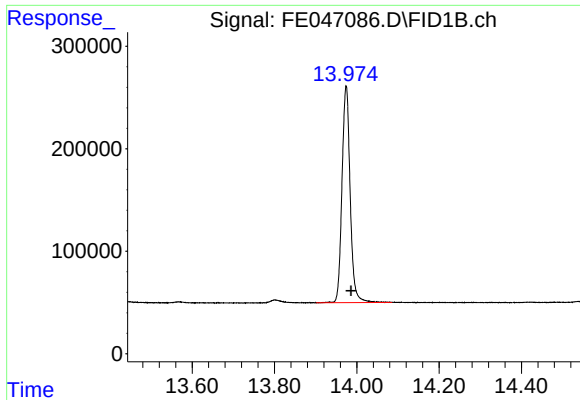
#11 n-Heneicosane (C21)

R.T.: 13.388 min
Delta R.T.: -0.012 min
Response: 2939924
Conc: 19.85 ug/ml



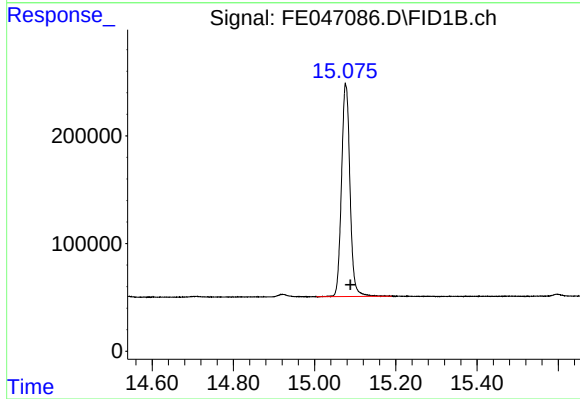
#12 1-chlorooctadecane (SURR)

R.T.: 13.222 min
Delta R.T.: -0.013 min
Response: 2447810
Conc: 19.88 ug/ml



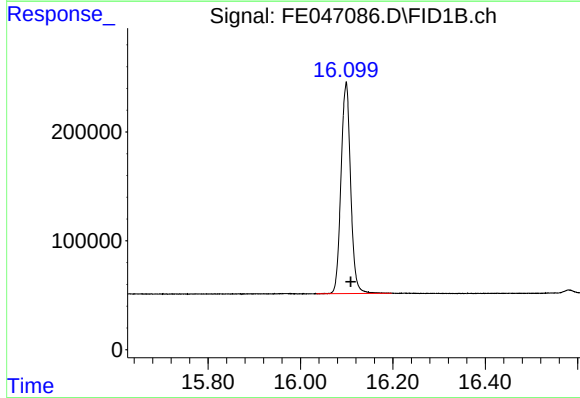
#13 n-Docosane (C22)

R.T.: 13.974 min
Delta R.T.: -0.012 min
Response: 2906529
Conc: 19.98 ug/ml



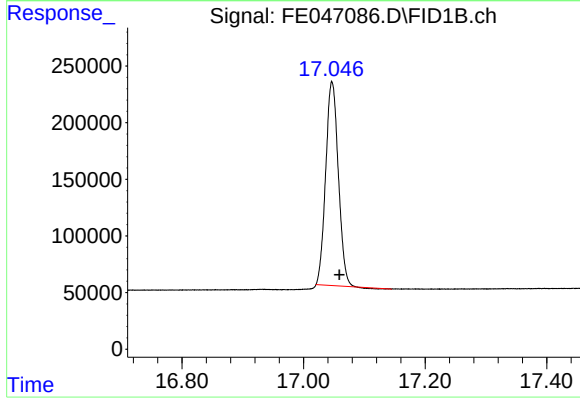
#14 n-Tetracosane (C24)

R.T.: 15.077 min
Delta R.T.: -0.012 min
Response: 2861373
Conc: 20.04 ug/ml



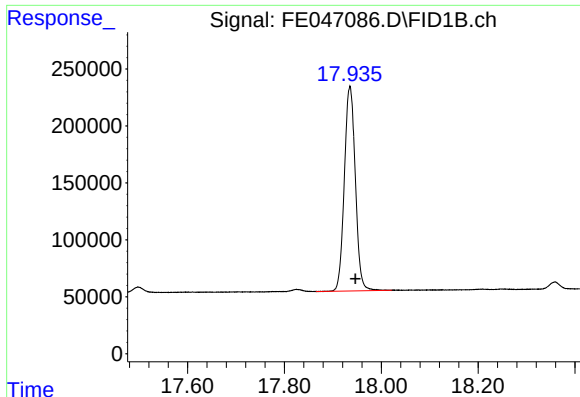
#15 n-Hexacosane (C26)

R.T.: 16.099 min
Delta R.T.: -0.010 min
Response: 2796873
Conc: 20.01 ug/ml



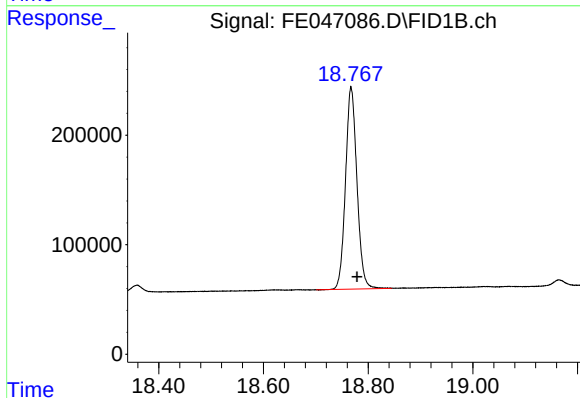
#16 n-Octacosane (C28)

R.T.: 17.047 min
Delta R.T.: -0.012 min
Response: 2593931
Conc: 19.04 ug/ml



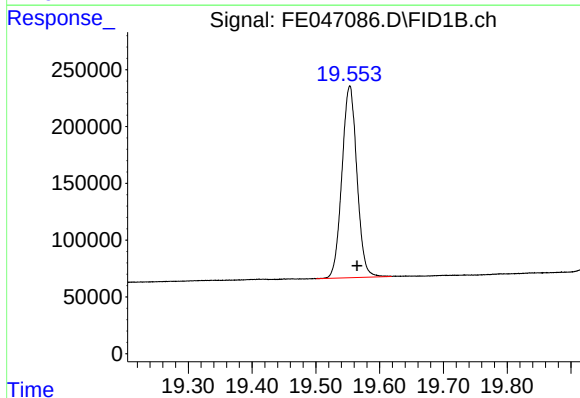
#17 n-Tricontane (C30)

R.T.: 17.935 min
Delta R.T.: -0.011 min
Response: 2831780
Conc: 20.30 ug/ml



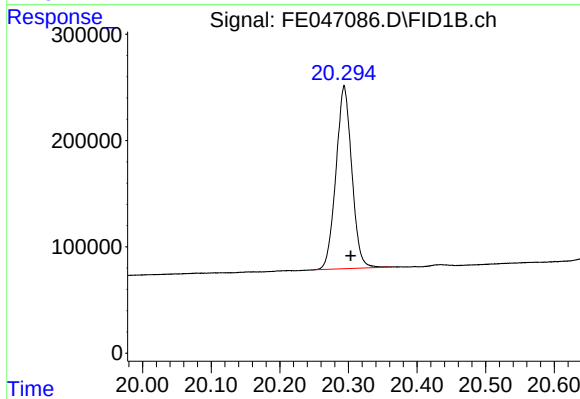
#18 n-Dotriacontane (C32)

R.T.: 18.767 min
Delta R.T.: -0.012 min
Response: 2800615
Conc: 20.35 ug/ml



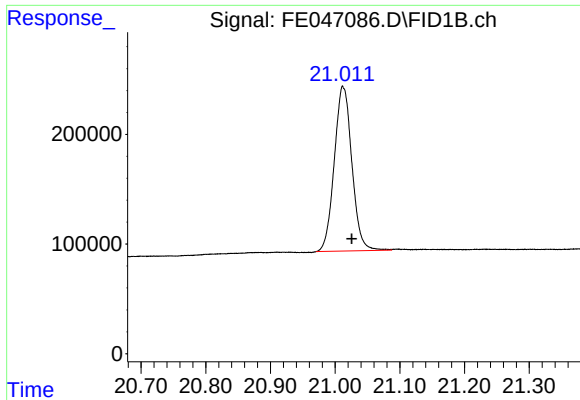
#19 n-Tetratriacontane (C34)

R.T.: 19.553 min
Delta R.T.: -0.011 min
Response: 2753655
Conc: 20.50 ug/ml



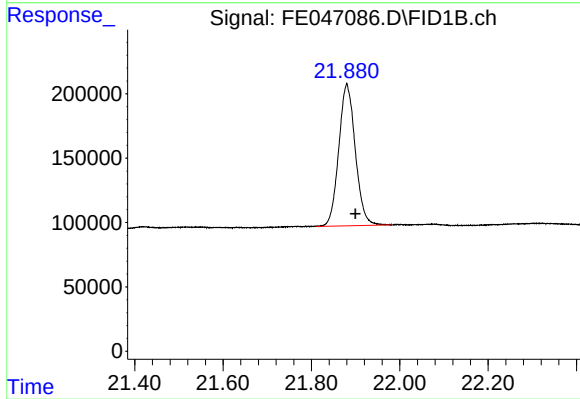
#20 n-Hexatriacontane (C36)

R.T.: 20.294 min
Delta R.T.: -0.009 min
Response: 2751118
Conc: 20.66 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.012 min
Delta R.T.: -0.014 min
Response: 2838083
Conc: 20.60 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.880 min
Delta R.T.: -0.020 min
Response: 2864181
Conc: 20.30 ug/ml