

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE071125AL\
 Data File : FE054831.D
 Signal(s) : FID1B.ch
 Acq On : 12 Jul 2025 03:01
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Jul 12 04:12:22 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062725.M
 Quant Title : GC Extractables
 QLast Update : Tue Jul 08 07:45:12 2025
 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)	12.079	3224549	19.856 ug/ml
Spiked Amount 50.000		Recovery =	39.71%
12) S 1-chlorooctadecane (S...	13.515	2464253	19.512 ug/ml
Spiked Amount 50.000		Recovery =	39.02%
Target Compounds			
1) T n-Nonane (C9)	3.420	2795424	20.782 ug/ml
2) T n-Decane (C10)	4.677	2904327	21.285 ug/ml
3) T A~Naphthalene (C11.7)	6.395	3236211	21.373 ug/ml
4) T n-Dodecane (C12)	6.852	2970930	21.653 ug/ml
5) T A~2-methylnaphthalene...	7.496	3133510	21.316 ug/ml
6) T n-Tetradecane (C14)	8.689	2994879	21.604 ug/ml
7) T n-Hexadecane (C16)	10.304	3031633	21.273 ug/ml
8) T n-Octadecane (C18)	11.753	3004843	20.503 ug/ml
10) T n-Eicosane (C20)	13.068	2847104	19.800 ug/ml
11) T n-Heneicosane (C21)	13.682	2776712	19.440 ug/ml
13) T n-Docosane (C22)	14.270	2760405	19.332 ug/ml
14) T n-Tetracosane (C24)	15.376	2774979	19.090 ug/ml
15) T n-Hexacosane (C26)	16.399	2737576	18.917 ug/ml
16) T n-Octacosane (C28)	17.351	2739171	18.795 ug/ml
17) T n-Tricontane (C30)	18.240	2858516	18.140 ug/ml
18) T n-Dotriacontane (C32)	19.074	2843105	17.573 ug/ml
19) T n-Tetratriacontane (C34)	19.860	2688734	17.644 ug/ml
20) T n-Hexatriacontane (C36)	20.601	2450066	18.222 ug/ml
21) T n-Octatriacontane (C38)	21.380	2549596	21.739 ug/ml
22) T n-Tetracontane (C40)	22.370	2373449	21.898 ug/ml

(f)=RT Delta > 1/2 Window

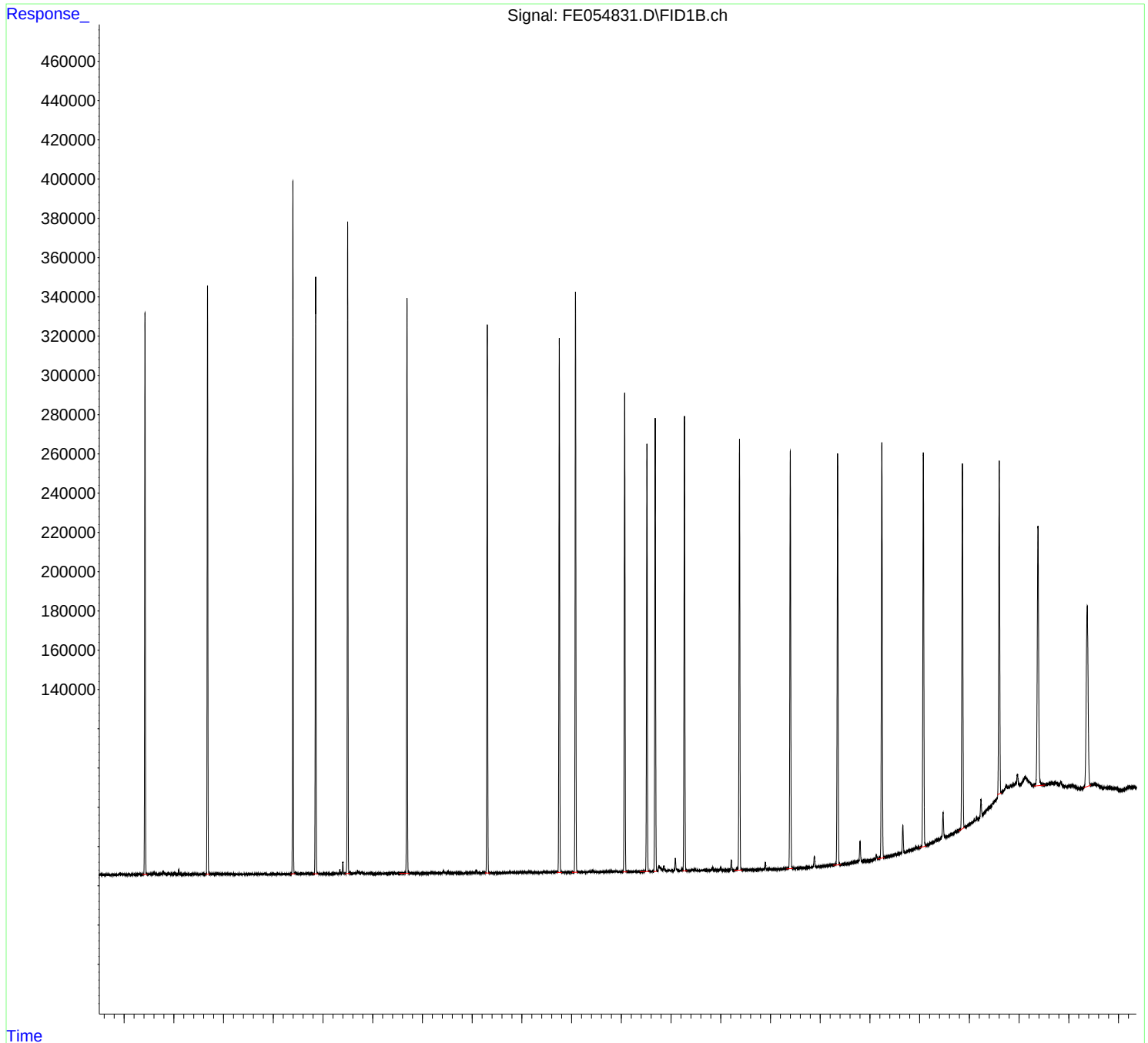
(m)=manual int.

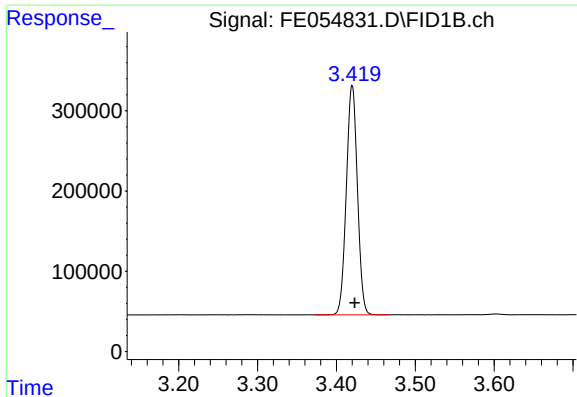
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE071125AL\
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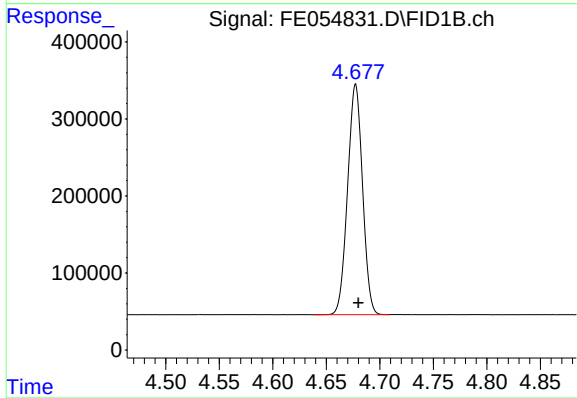




#1 n-Nonane (C9)

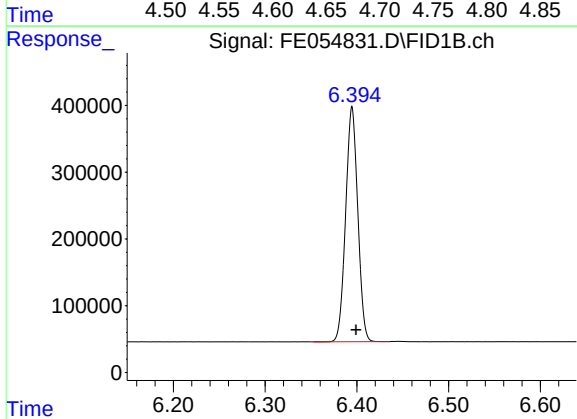
R.T.: 3.420 min
Delta R.T.: -0.003 min
Response: 2795424
Conc: 20.78 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



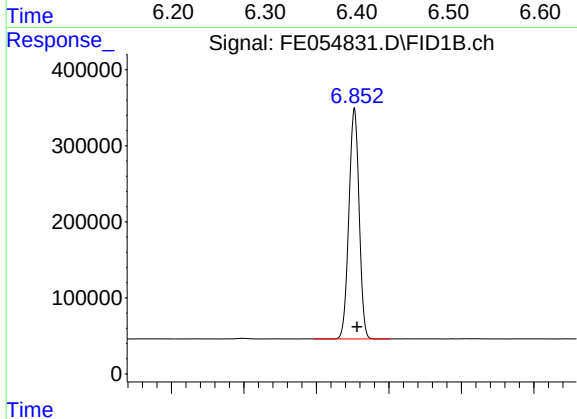
#2 n-Decane (C10)

R.T.: 4.677 min
Delta R.T.: -0.003 min
Response: 2904327
Conc: 21.29 ug/ml



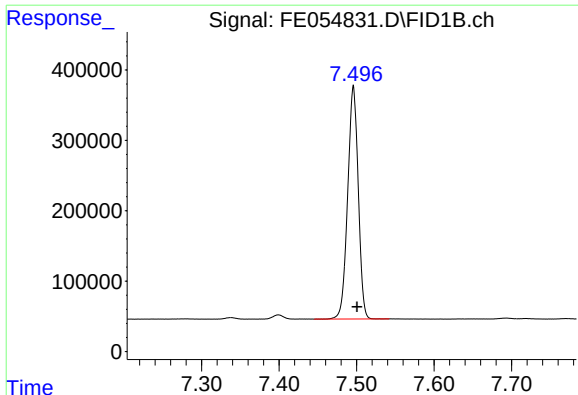
#3 A~Naphthalene (C11.7)

R.T.: 6.395 min
Delta R.T.: -0.004 min
Response: 3236211
Conc: 21.37 ug/ml



#4 n-Dodecane (C12)

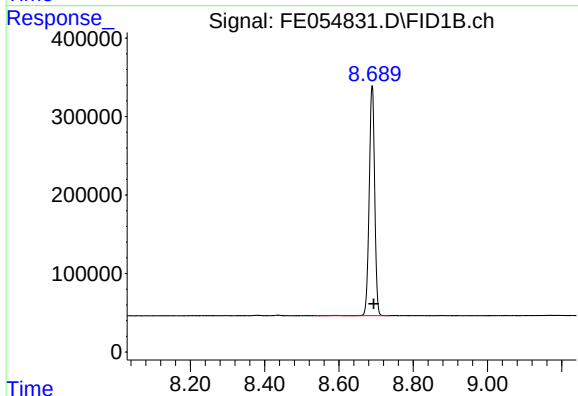
R.T.: 6.852 min
Delta R.T.: -0.004 min
Response: 2970930
Conc: 21.65 ug/ml



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

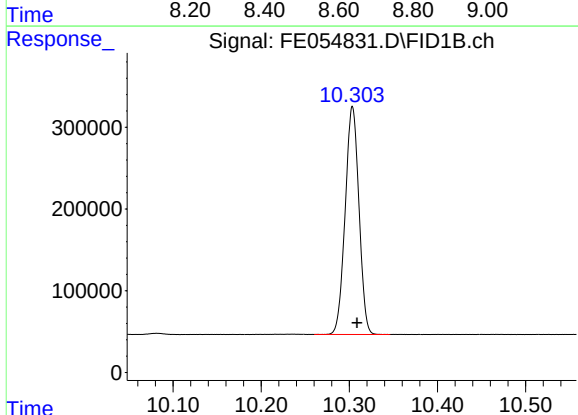
R.T.: 7.496 min
Delta R.T.: -0.005 min
Response: 3133510
Conc: 21.32 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



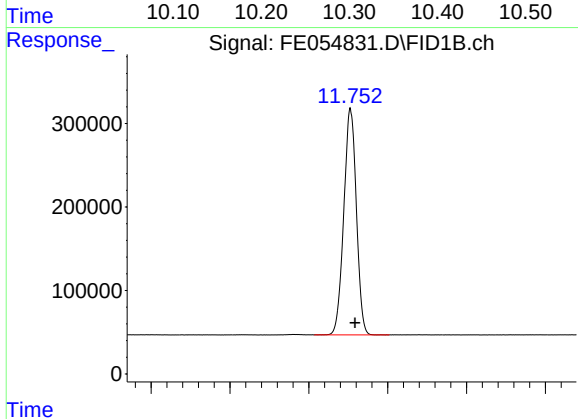
#6 n-Tetradecane (C14)

R.T.: 8.689 min
Delta R.T.: -0.004 min
Response: 2994879
Conc: 21.60 ug/ml



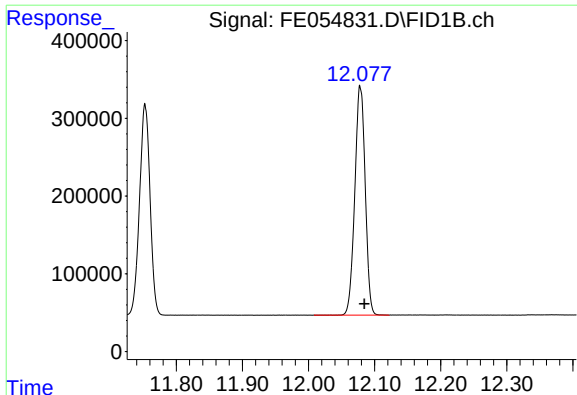
#7 n-Hexadecane (C16)

R.T.: 10.304 min
Delta R.T.: -0.005 min
Response: 3031633
Conc: 21.27 ug/ml



#8 n-Octadecane (C18)

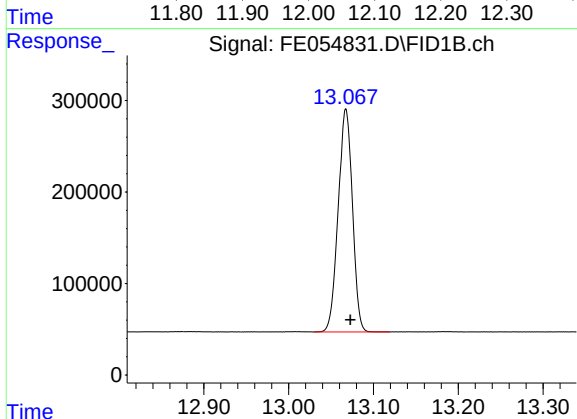
R.T.: 11.753 min
Delta R.T.: -0.005 min
Response: 3004843
Conc: 20.50 ug/ml



#9 ortho-Terphenyl (SURR)

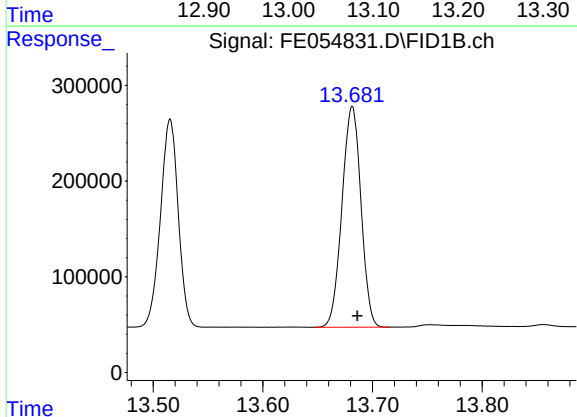
R.T.: 12.079 min
Delta R.T.: -0.006 min
Response: 3224549
Conc: 19.86 ug/ml

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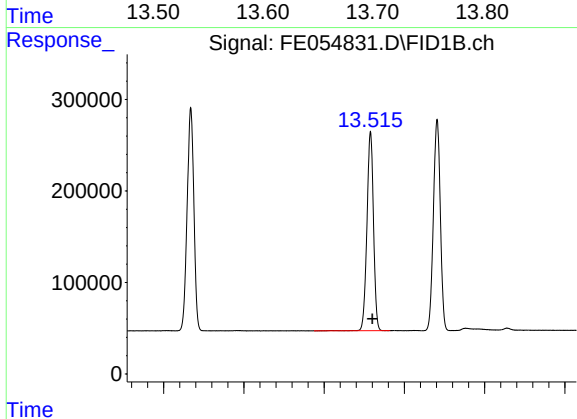
#10 n-Eicosane (C20)

R.T.: 13.068 min
Delta R.T.: -0.005 min
Response: 2847104
Conc: 19.80 ug/ml



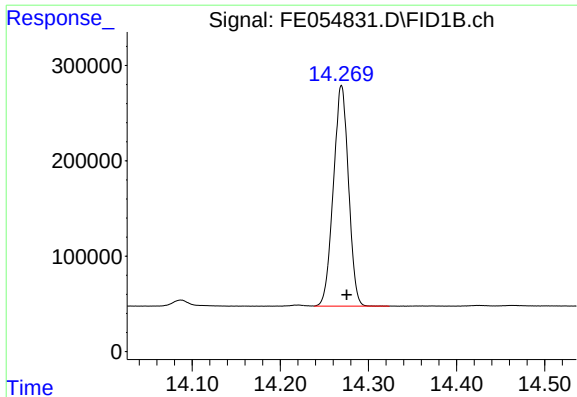
#11 n-Heneicosane (C21)

R.T.: 13.682 min
Delta R.T.: -0.005 min
Response: 2776712
Conc: 19.44 ug/ml



#12 1-chlorooctadecane (SURR)

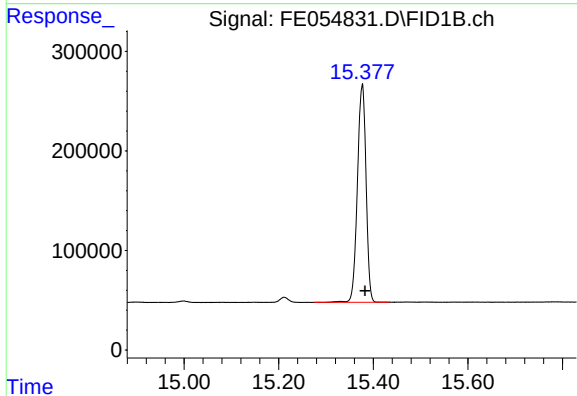
R.T.: 13.515 min
Delta R.T.: -0.005 min
Response: 2464253
Conc: 19.51 ug/ml



#13 n-Docosane (C22)

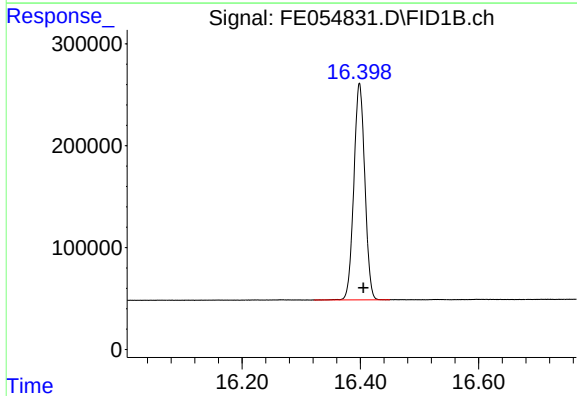
R.T.: 14.270 min
Delta R.T.: -0.006 min
Response: 2760405
Conc: 19.33 ug/ml

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20 PPM ALIPHATIC HC STD



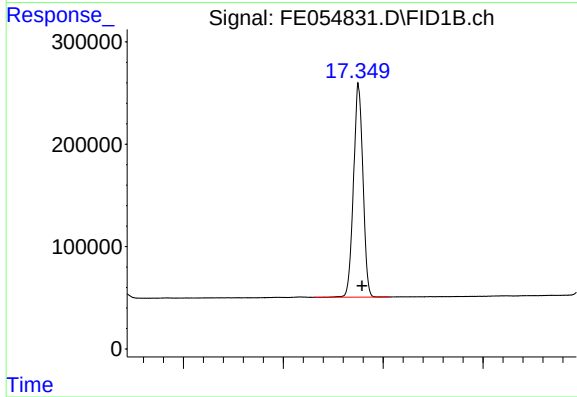
#14 n-Tetracosane (C24)

R.T.: 15.376 min
Delta R.T.: -0.006 min
Response: 2774979
Conc: 19.09 ug/ml



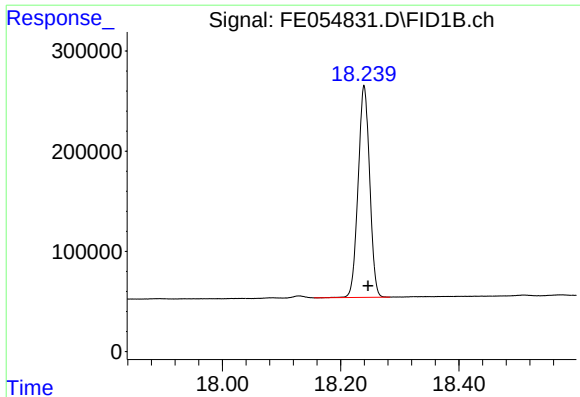
#15 n-Hexacosane (C26)

R.T.: 16.399 min
Delta R.T.: -0.007 min
Response: 2737576
Conc: 18.92 ug/ml



#16 n-Octacosane (C28)

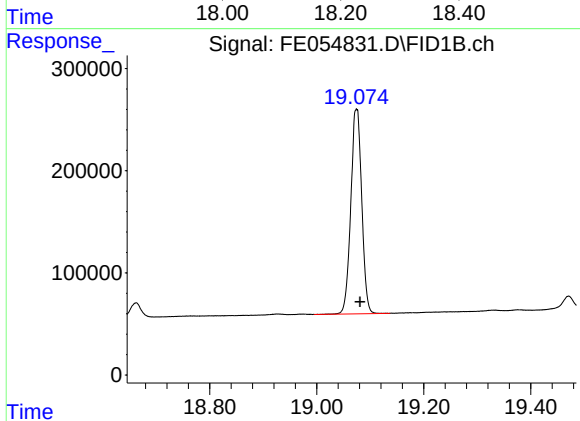
R.T.: 17.351 min
Delta R.T.: -0.007 min
Response: 2739171
Conc: 18.80 ug/ml



#17 n-Tricontane (C30)

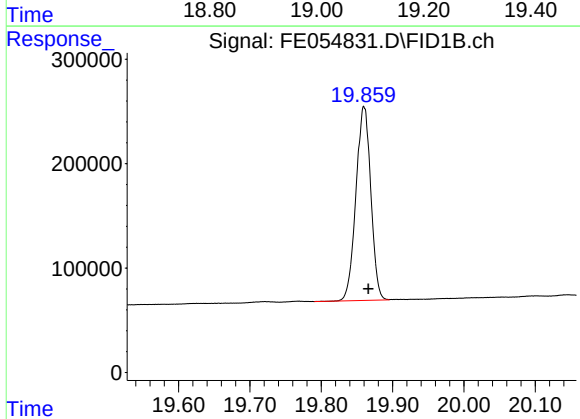
R.T.: 18.240 min
Delta R.T.: -0.007 min
Response: 2858516
Conc: 18.14 ug/ml

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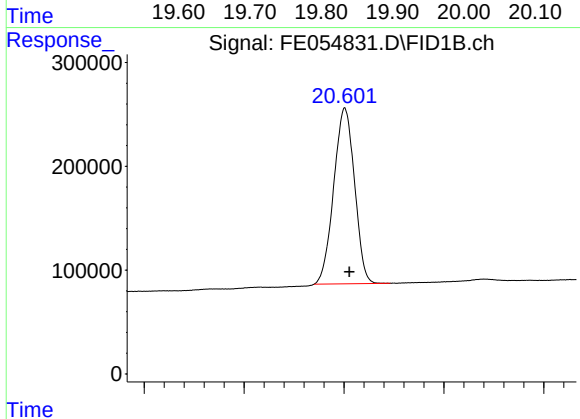
#18 n-Dotriacontane (C32)

R.T.: 19.074 min
Delta R.T.: -0.006 min
Response: 2843105
Conc: 17.57 ug/ml



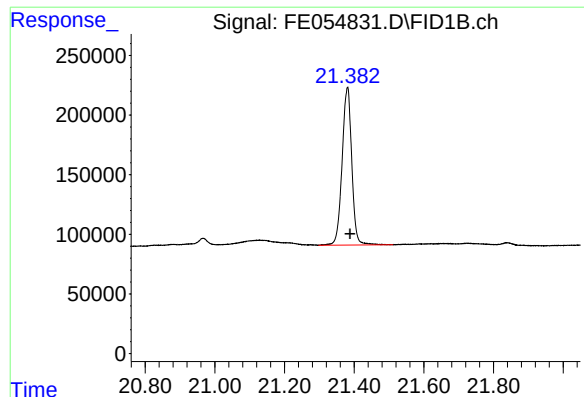
#19 n-Tetratriacontane (C34)

R.T.: 19.860 min
Delta R.T.: -0.006 min
Response: 2688734
Conc: 17.64 ug/ml



#20 n-Hexatriacontane (C36)

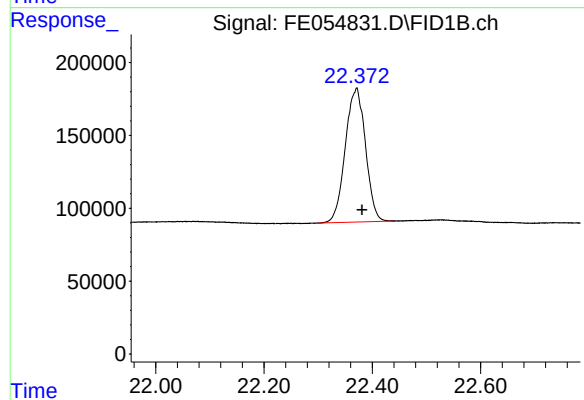
R.T.: 20.601 min
Delta R.T.: -0.005 min
Response: 2450066
Conc: 18.22 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.380 min
Delta R.T.: -0.007 min
Response: 2549596
Conc: 21.74 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.370 min
Delta R.T.: -0.010 min
Response: 2373449
Conc: 21.90 ug/ml