

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE071525AL\
 Data File : FE054850.D
 Signal(s) : FID1B.ch
 Acq On : 15 Jul 2025 11:36
 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: sample.E
 Quant Time: Jul 16 04:06:11 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)	12.084	3319948	20.444 ug/ml
Spiked Amount 50.000		Recovery =	40.89%
12) S 1-chlorooctadecane (S...	13.519	2489705	19.714 ug/ml
Spiked Amount 50.000		Recovery =	39.43%
Target Compounds			
1) T n-Nonane (C9)	3.426	2625690	19.521 ug/ml
2) T n-Decane (C10)	4.683	2809191	20.588 ug/ml
3) T A~Naphthalene (C11.7)	6.401	3183495	21.025 ug/ml
4) T n-Dodecane (C12)	6.858	2919781	21.280 ug/ml
5) T A~2-methylnaphthalene...	7.501	3133192	21.314 ug/ml
6) T n-Tetradecane (C14)	8.694	2973582	21.450 ug/ml
7) T n-Hexadecane (C16)	10.309	3060468	21.475 ug/ml
8) T n-Octadecane (C18)	11.757	3063164	20.901 ug/ml
10) T n-Eicosane (C20)	13.072	2912423	20.254 ug/ml
11) T n-Heneicosane (C21)	13.686	2841712	19.895 ug/ml
13) T n-Docosane (C22)	14.274	2819727	19.748 ug/ml
14) T n-Tetracosane (C24)	15.380	2823620	19.424 ug/ml
15) T n-Hexacosane (C26)	16.403	2791725	19.291 ug/ml
16) T n-Octacosane (C28)	17.355	2799834	19.211 ug/ml
17) T n-Tricontane (C30)	18.245	2959008	18.777 ug/ml
18) T n-Dotriacontane (C32)	19.078	2956880	18.276 ug/ml
19) T n-Tetratriacontane (C34)	19.863	2782631	18.260 ug/ml
20) T n-Hexatriacontane (C36)	20.602	2514361	18.700 ug/ml
21) T n-Octatriacontane (C38)	21.383	2464911	21.017 ug/ml
22) T n-Tetracontane (C40)	22.373	2362507	21.797 ug/ml

(f)=RT Delta > 1/2 Window

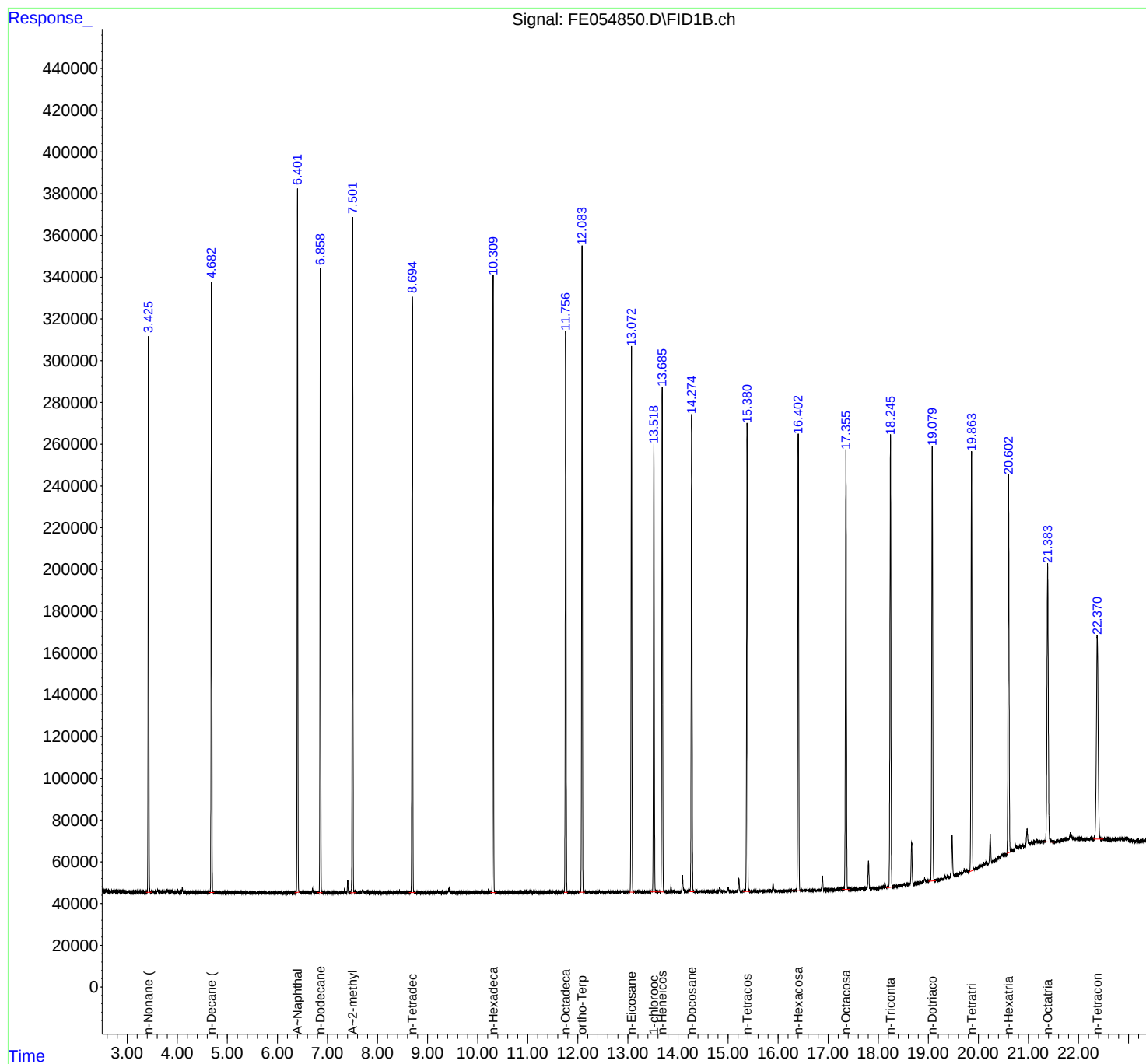
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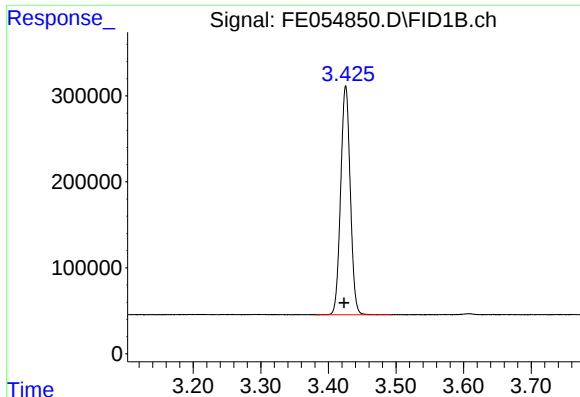
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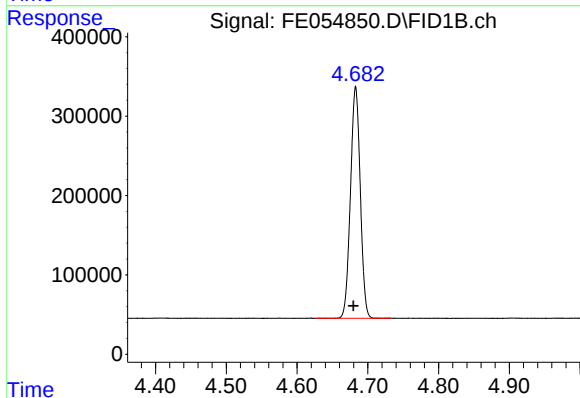




#1 n-Nonane (C9)

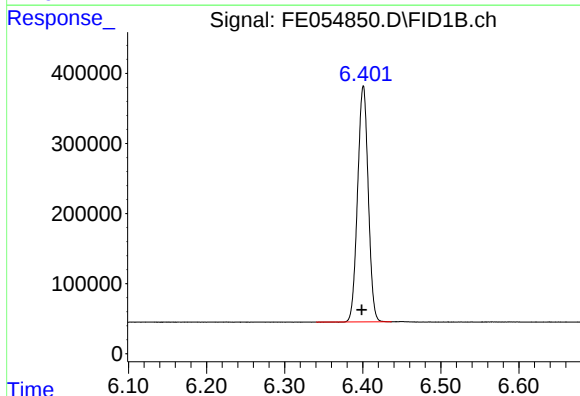
R.T.: 3.426 min
Delta R.T.: 0.003 min
Response: 2625690
Conc: 19.52 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



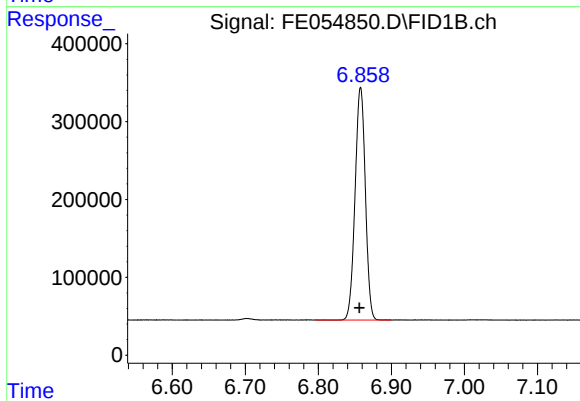
#2 n-Decane (C10)

R.T.: 4.683 min
Delta R.T.: 0.003 min
Response: 2809191
Conc: 20.59 ug/ml



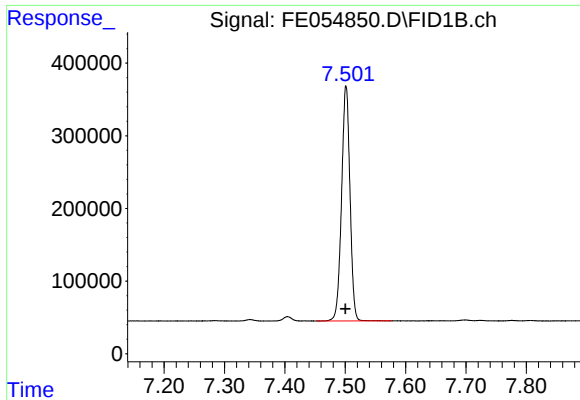
#3 A~Naphthalene (C11.7)

R.T.: 6.401 min
Delta R.T.: 0.002 min
Response: 3183495
Conc: 21.03 ug/ml



#4 n-Dodecane (C12)

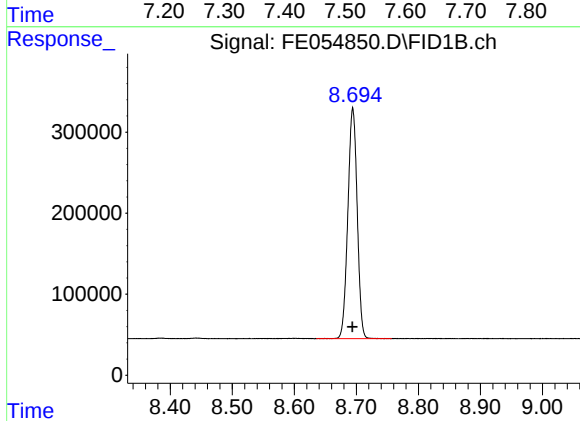
R.T.: 6.858 min
Delta R.T.: 0.002 min
Response: 2919781
Conc: 21.28 ug/ml



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

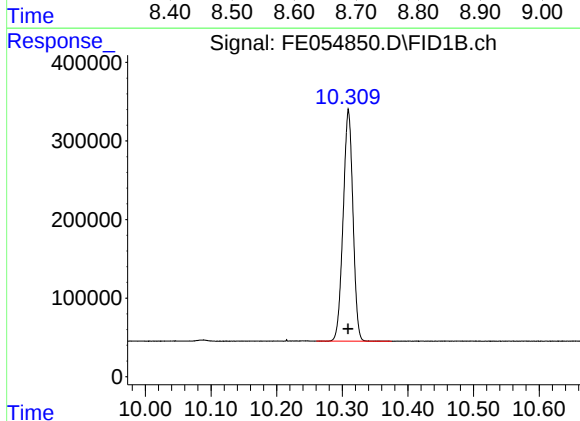
R.T.: 7.501 min
Delta R.T.: 0.000 min
Response: 3133192
Conc: 21.31 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



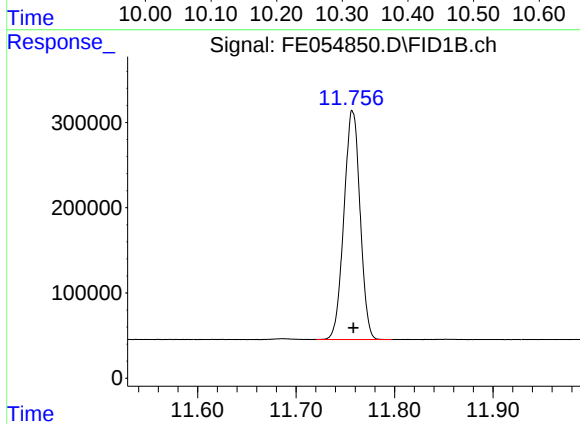
#6 n-Tetradecane (C14)

R.T.: 8.694 min
Delta R.T.: 0.000 min
Response: 2973582
Conc: 21.45 ug/ml



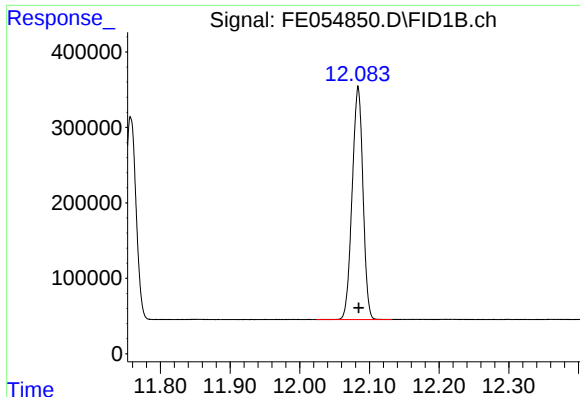
#7 n-Hexadecane (C16)

R.T.: 10.309 min
Delta R.T.: 0.000 min
Response: 3060468
Conc: 21.48 ug/ml



#8 n-Octadecane (C18)

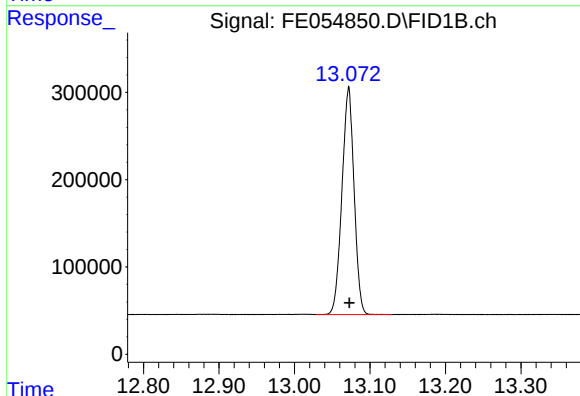
R.T.: 11.757 min
Delta R.T.: -0.001 min
Response: 3063164
Conc: 20.90 ug/ml



#9 ortho-Terphenyl (SURR)

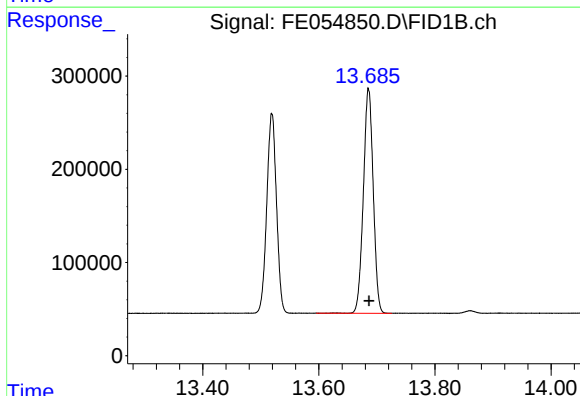
R.T.: 12.084 min
Delta R.T.: 0.000 min
Response: 3319948
Conc: 20.44 ug/ml

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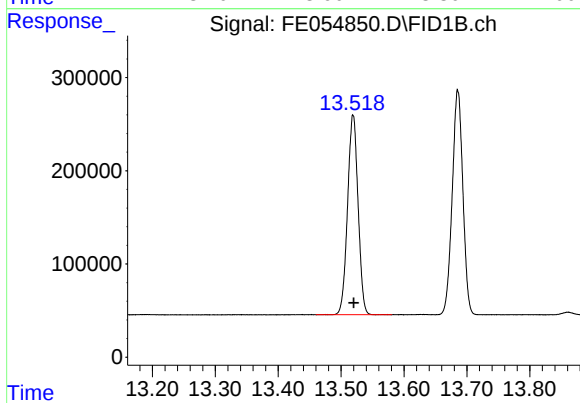
#10 n-Eicosane (C20)

R.T.: 13.072 min
Delta R.T.: -0.001 min
Response: 2912423
Conc: 20.25 ug/ml



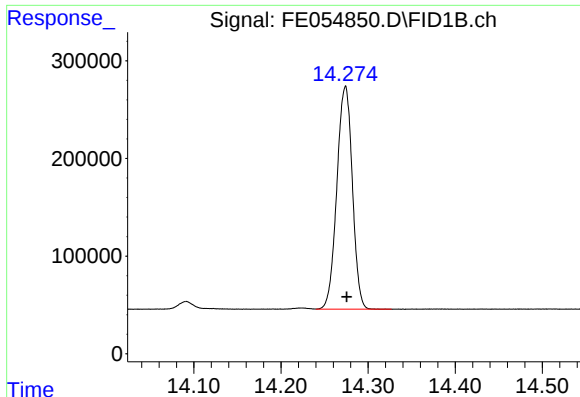
#11 n-Heneicosane (C21)

R.T.: 13.686 min
Delta R.T.: 0.000 min
Response: 2841712
Conc: 19.90 ug/ml



#12 1-chlorooctadecane (SURR)

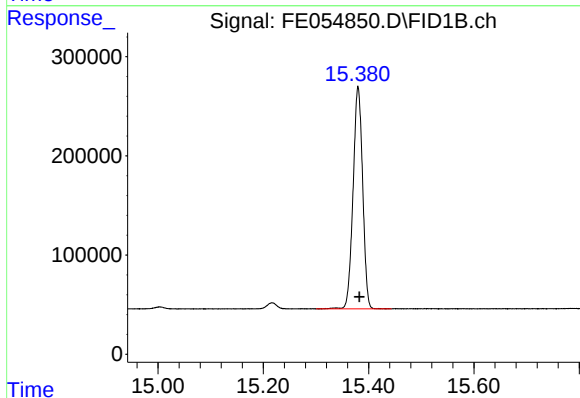
R.T.: 13.519 min
Delta R.T.: 0.000 min
Response: 2489705
Conc: 19.71 ug/ml



#13 n-Docosane (C22)

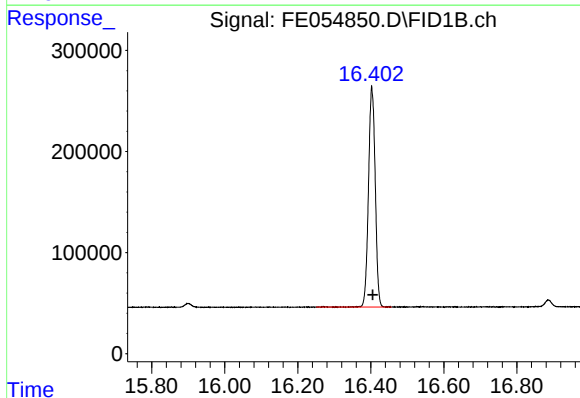
R.T.: 14.274 min
Delta R.T.: -0.002 min
Response: 2819727
Conc: 19.75 ug/ml

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20 PPM ALIPHATIC HC STD



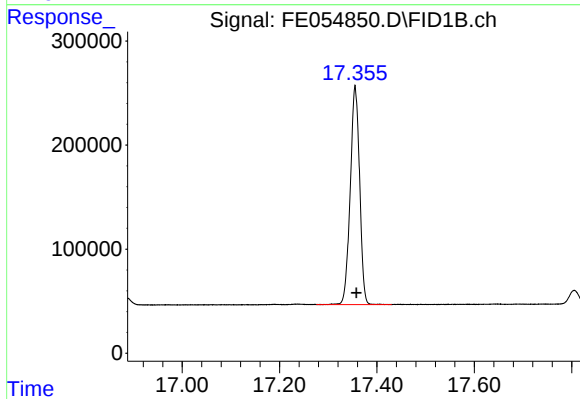
#14 n-Tetracosane (C24)

R.T.: 15.380 min
Delta R.T.: -0.002 min
Response: 2823620
Conc: 19.42 ug/ml



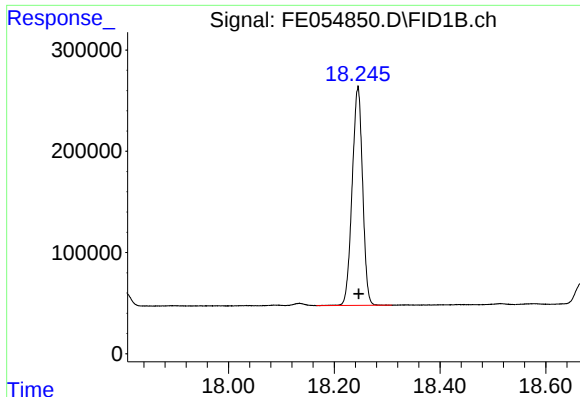
#15 n-Hexacosane (C26)

R.T.: 16.403 min
Delta R.T.: -0.002 min
Response: 2791725
Conc: 19.29 ug/ml



#16 n-Octacosane (C28)

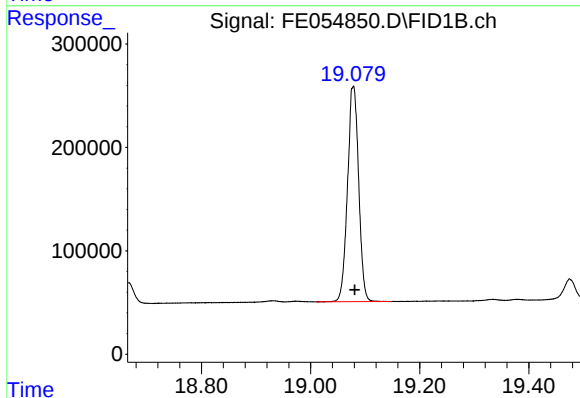
R.T.: 17.355 min
Delta R.T.: -0.002 min
Response: 2799834
Conc: 19.21 ug/ml



#17 n-Tricontane (C30)

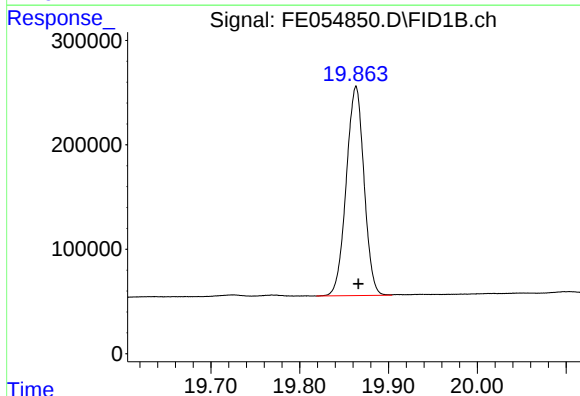
R.T.: 18.245 min
Delta R.T.: -0.002 min
Response: 2959008
Conc: 18.78 ug/ml

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20 PPM ALIPHATIC HC STD



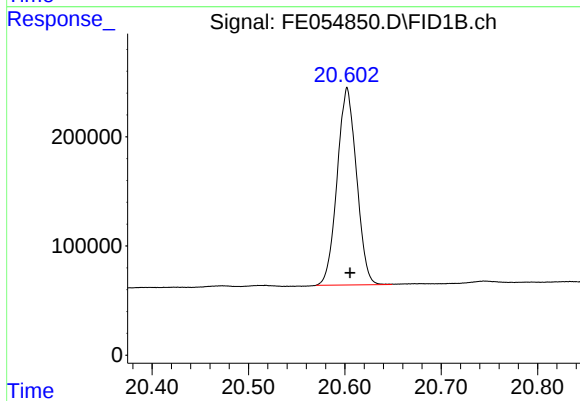
#18 n-Dotriacontane (C32)

R.T.: 19.078 min
Delta R.T.: -0.002 min
Response: 2956880
Conc: 18.28 ug/ml



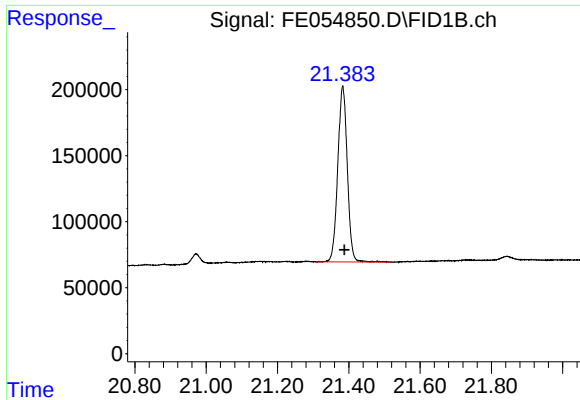
#19 n-Tetratriacontane (C34)

R.T.: 19.863 min
Delta R.T.: -0.003 min
Response: 2782631
Conc: 18.26 ug/ml



#20 n-Hexatriacontane (C36)

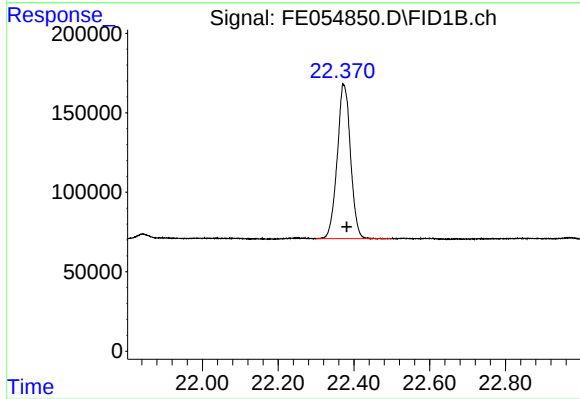
R.T.: 20.602 min
Delta R.T.: -0.003 min
Response: 2514361
Conc: 18.70 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.383 min
Delta R.T.: -0.005 min
Response: 2464911
Conc: 21.02 ug/ml

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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 22.373 min
Delta R.T.: -0.008 min
Response: 2362507
Conc: 21.80 ug/ml