

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC101422AL\
 Data File : FC061818.D
 Signal(s) : FID1A.ch
 Acq On : 15 Oct 2022 02:28
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Oct 15 16:16:22 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 092022.M
 Quant Title : GC Extractables
 QLast Update : Tue Sep 20 18:33:32 2022
 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)	11.586	3023572	17.692 ug/ml
Spiked Amount 50.000		Recovery =	35.38%
12) S 1-chlorooctadecane (S...	13.024	2386146	17.467 ug/ml
Spiked Amount 50.000		Recovery =	34.93%
Target Compounds			
1) T n-Nonane (C9)	3.345	2804925	18.791 ug/ml
2) T n-Decane (C10)	4.412	2936359	19.466 ug/ml
3) T A~Naphthalene (C11.7)	5.998	3142737	18.951 ug/ml
4) T n-Dodecane (C12)	6.428	2972168	19.546 ug/ml
5) T A~2-methylnaphthalene...	7.053	3108558	18.898 ug/ml
6) T n-Tetradecane (C14)	8.225	2974366	19.509 ug/ml
7) T n-Hexadecane (C16)	9.826	2979235	19.267 ug/ml
8) T n-Octadecane (C18)	11.269	2970420	18.843 ug/ml
10) T n-Eicosane (C20)	12.579	2908925	18.254 ug/ml
11) T n-Heneicosane (C21)	13.191	2837242	17.684 ug/ml
13) T n-Docosane (C22)	13.777	2868846	17.856 ug/ml
14) T n-Tetracosane (C24)	14.880	2855766	17.827 ug/ml
15) T n-Hexacosane (C26)	15.900	2841458	17.924 ug/ml
16) T n-Octacosane (C28)	16.850	2922912	18.858 ug/ml
17) T n-Tricontane (C30)	17.737	3153066	20.489 ug/ml
18) T n-Dotriacontane (C32)	18.569	3157523	20.883 ug/ml
19) T n-Tetratriacontane (C34)	19.352	2835145	19.995 ug/ml
20) T n-Hexatriacontane (C36)	20.092	2720060	19.703 ug/ml
21) T n-Octatriacontane (C38)	20.829	2537014	19.590 ug/ml
22) T n-Tetracontane (C40)	21.743	2384387	19.511 ug/ml

(f)=RT Delta > 1/2 Window

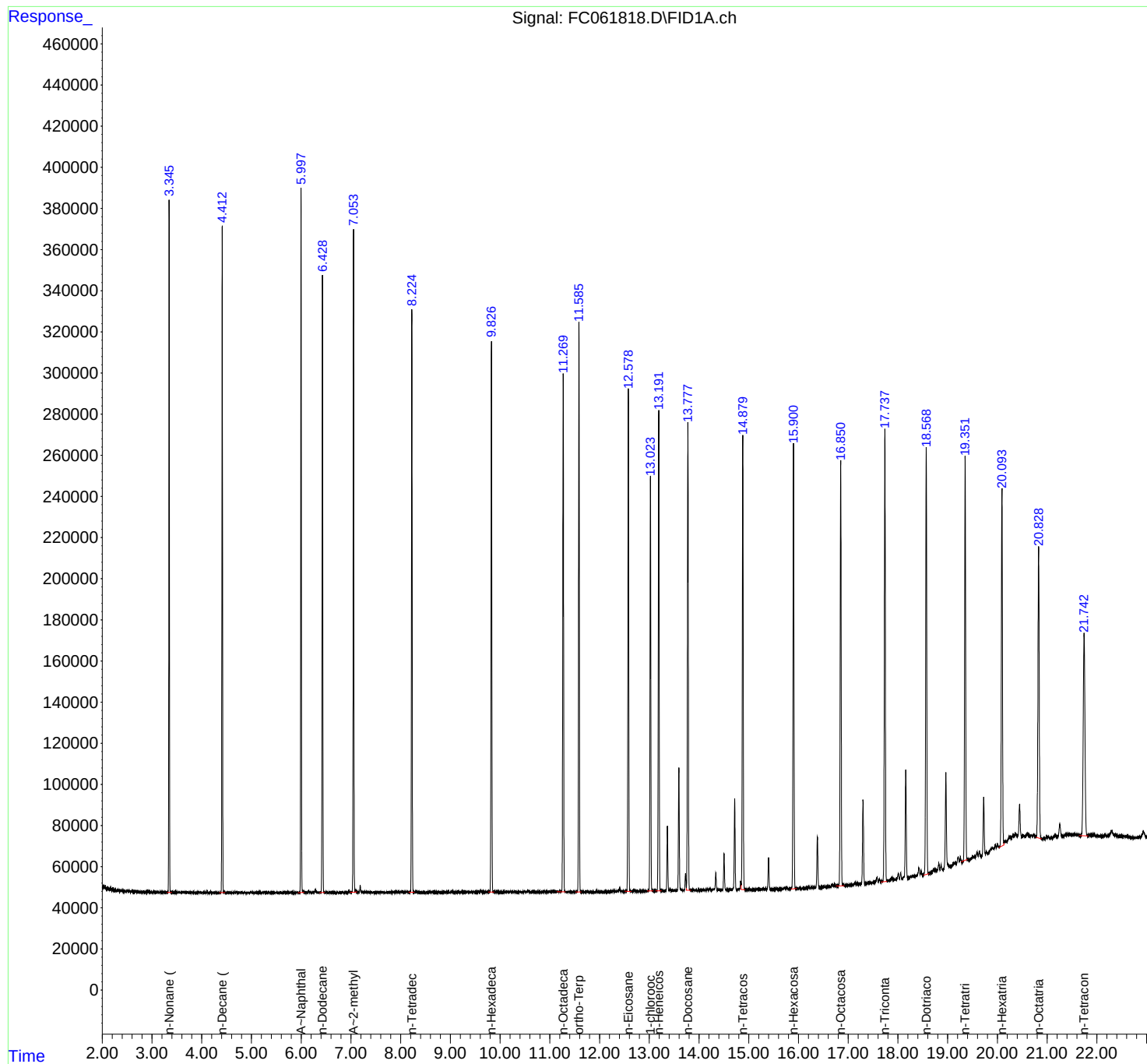
(m)=manual int.

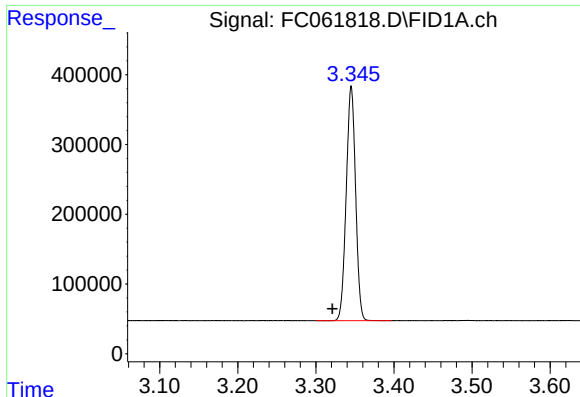
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC101422AL\
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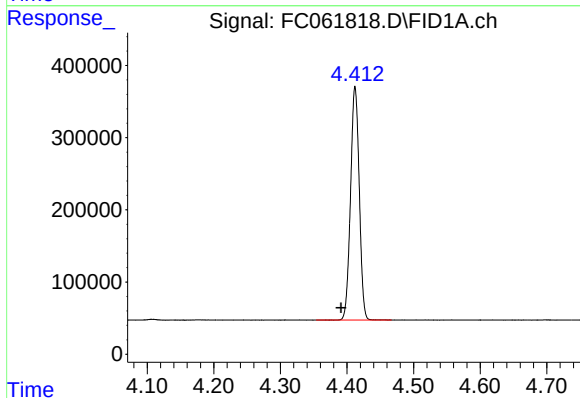




#1 n-Nonane (C9)

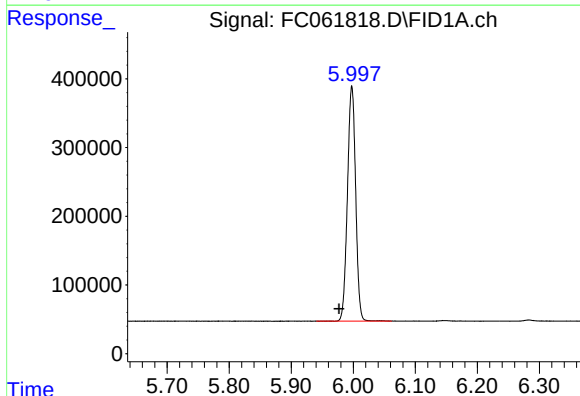
R.T.: 3.345 min
Delta R.T.: 0.024 min
Response: 2804925
Conc: 18.79 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



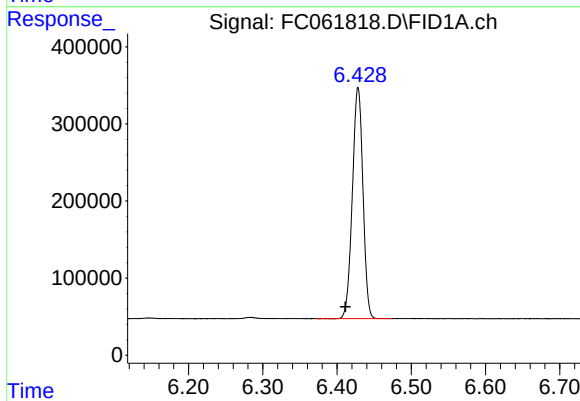
#2 n-Decane (C10)

R.T.: 4.412 min
Delta R.T.: 0.021 min
Response: 2936359
Conc: 19.47 ug/ml



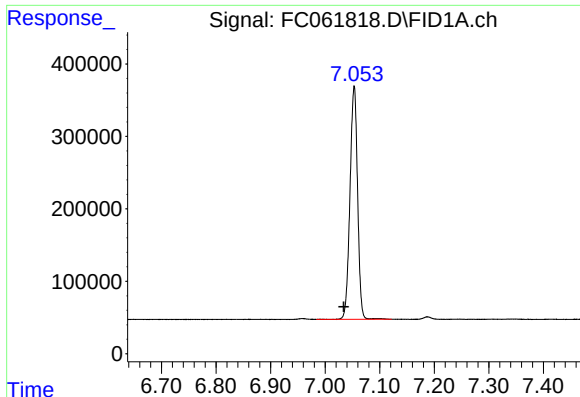
#3 A~Naphthalene (C11.7)

R.T.: 5.998 min
Delta R.T.: 0.020 min
Response: 3142737
Conc: 18.95 ug/ml



#4 n-Dodecane (C12)

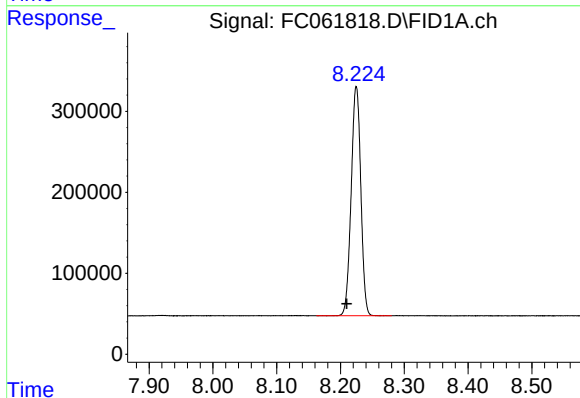
R.T.: 6.428 min
Delta R.T.: 0.017 min
Response: 2972168
Conc: 19.55 ug/ml



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

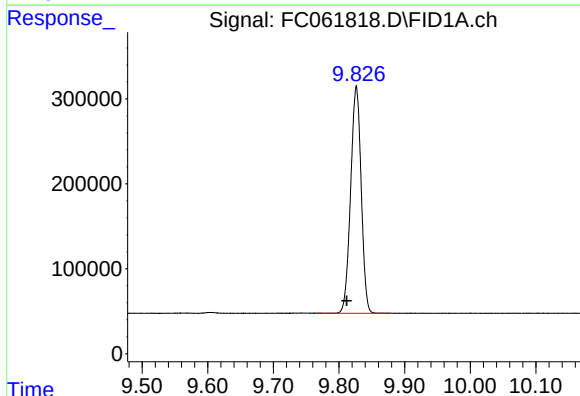
R.T.: 7.053 min
Delta R.T.: 0.019 min
Response: 3108558
Conc: 18.90 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



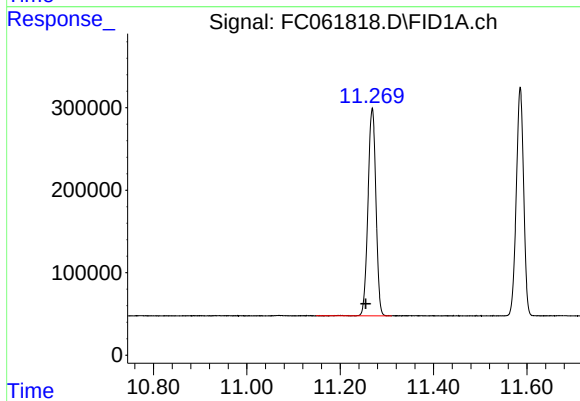
#6 n-Tetradecane (C14)

R.T.: 8.225 min
Delta R.T.: 0.015 min
Response: 2974366
Conc: 19.51 ug/ml



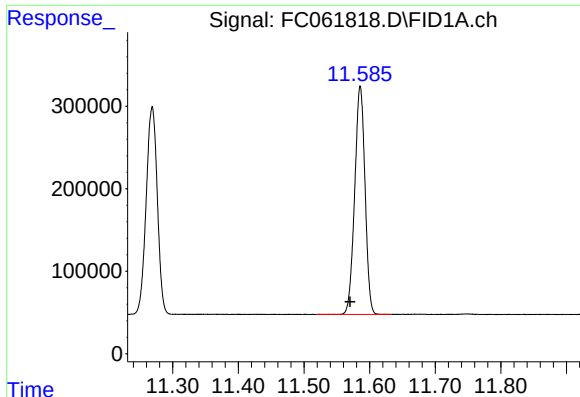
#7 n-Hexadecane (C16)

R.T.: 9.826 min
Delta R.T.: 0.014 min
Response: 2979235
Conc: 19.27 ug/ml



#8 n-Octadecane (C18)

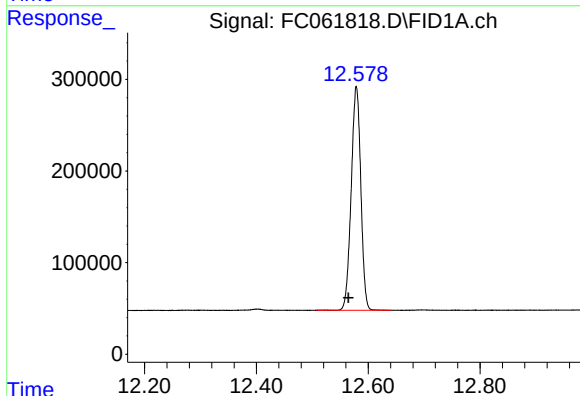
R.T.: 11.269 min
Delta R.T.: 0.014 min
Response: 2970420
Conc: 18.84 ug/ml



#9 ortho-Terphenyl (SURR)

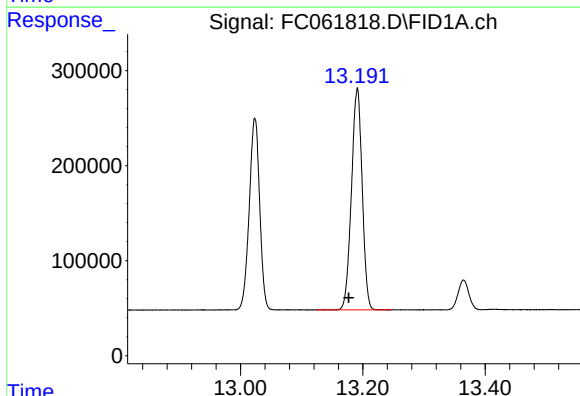
R.T.: 11.586 min
Delta R.T.: 0.015 min
Response: 3023572
Conc: 17.69 ug/ml

Instrument :
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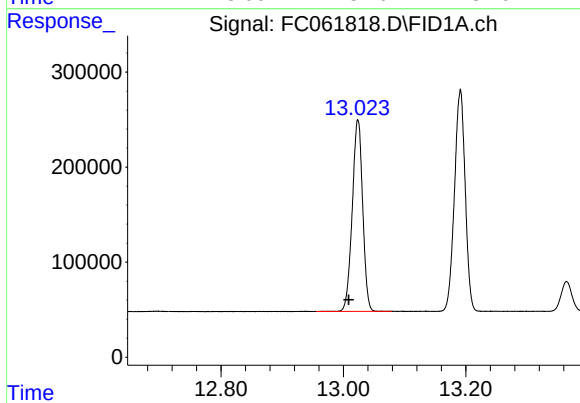
#10 n-Eicosane (C20)

R.T.: 12.579 min
Delta R.T.: 0.014 min
Response: 2908925
Conc: 18.25 ug/ml



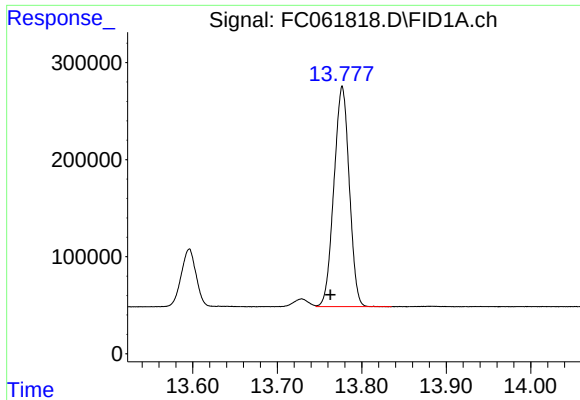
#11 n-Heneicosane (C21)

R.T.: 13.191 min
Delta R.T.: 0.014 min
Response: 2837242
Conc: 17.68 ug/ml



#12 1-chlorooctadecane (SURR)

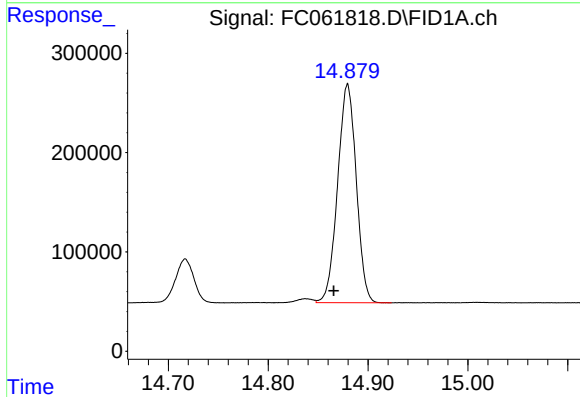
R.T.: 13.024 min
Delta R.T.: 0.015 min
Response: 2386146
Conc: 17.47 ug/ml



#13 n-Docosane (C22)

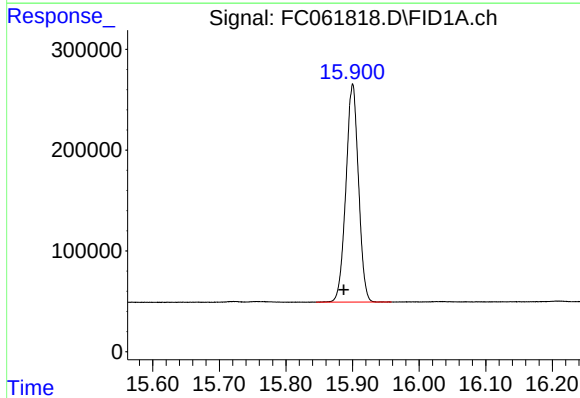
R.T.: 13.777 min
Delta R.T.: 0.014 min
Response: 2868846
Conc: 17.86 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



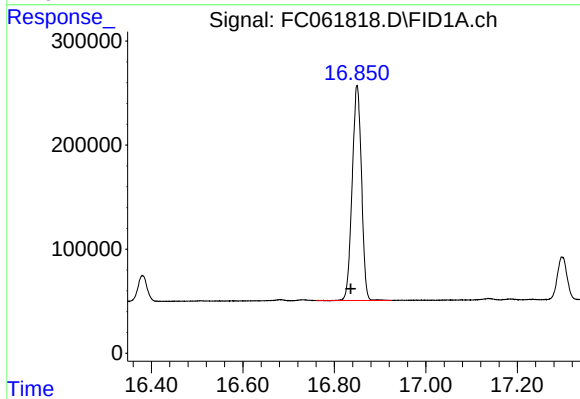
#14 n-Tetracosane (C24)

R.T.: 14.880 min
Delta R.T.: 0.014 min
Response: 2855766
Conc: 17.83 ug/ml



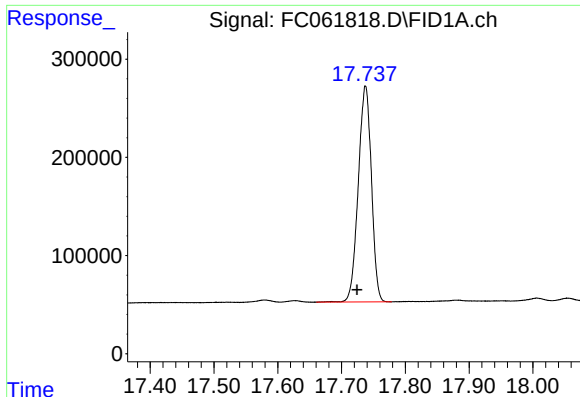
#15 n-Hexacosane (C26)

R.T.: 15.900 min
Delta R.T.: 0.013 min
Response: 2841458
Conc: 17.92 ug/ml



#16 n-Octacosane (C28)

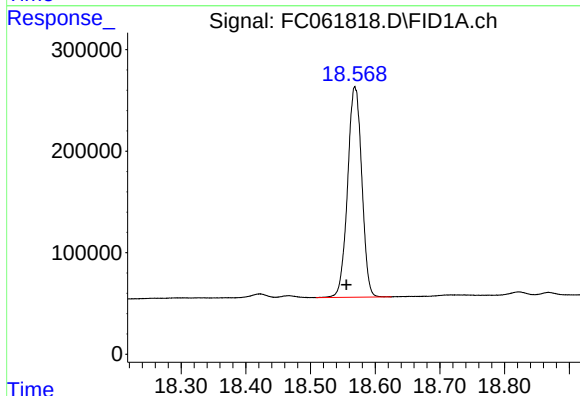
R.T.: 16.850 min
Delta R.T.: 0.014 min
Response: 2922912
Conc: 18.86 ug/ml



#17 n-Tricontane (C30)

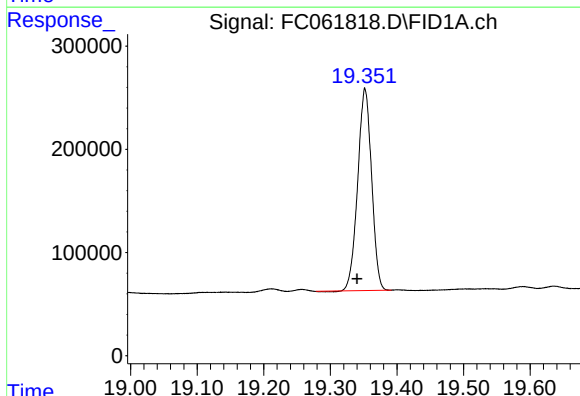
R.T.: 17.737 min
Delta R.T.: 0.013 min
Response: 3153066
Conc: 20.49 ug/ml

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20 PPM ALIPHATIC HC STD



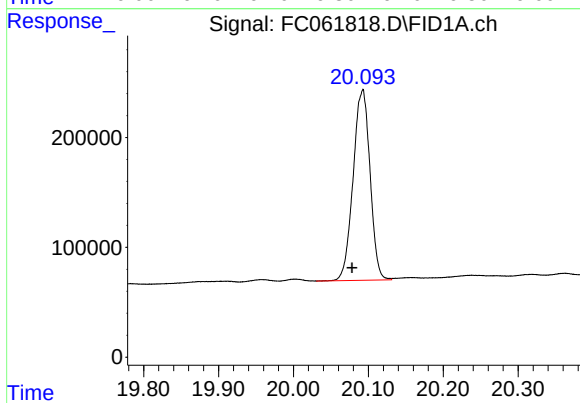
#18 n-Dotriacontane (C32)

R.T.: 18.569 min
Delta R.T.: 0.013 min
Response: 3157523
Conc: 20.88 ug/ml



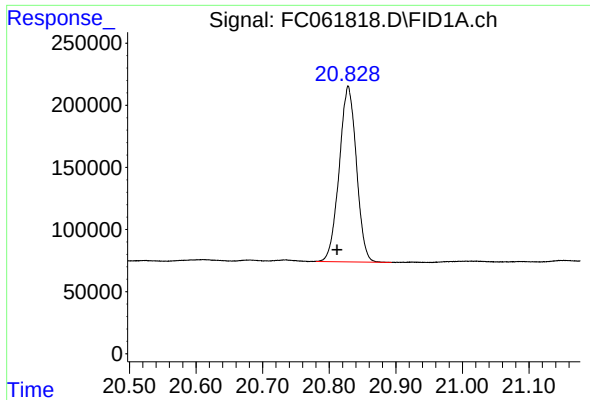
#19 n-Tetratriacontane (C34)

R.T.: 19.352 min
Delta R.T.: 0.012 min
Response: 2835145
Conc: 20.00 ug/ml



#20 n-Hexatriacontane (C36)

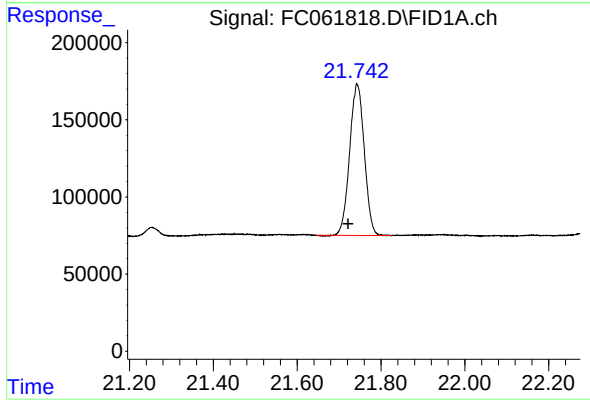
R.T.: 20.092 min
Delta R.T.: 0.014 min
Response: 2720060
Conc: 19.70 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.829 min
Delta R.T.: 0.017 min
Response: 2537014
Conc: 19.59 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.743 min
Delta R.T.: 0.022 min
Response: 2384387
Conc: 19.51 ug/ml