

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC101722AL\
 Data File : FC061826.D
 Signal(s) : FID1A.ch
 Acq On : 17 Oct 2022 16:34
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD ICV
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD ICV

Integration File: autoint1.e
 Quant Time: Oct 17 23:27:07 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 101722.M
 Quant Title : GC Extractables
 QLast Update : Mon Oct 17 23:26:31 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)	11.587	2983033	20.068 ug/ml
Spiked Amount 50.000		Recovery =	40.14%
12) S 1-chlorooctadecane (S...	13.025	2342452	20.107 ug/ml
Spiked Amount 50.000		Recovery =	40.21%
Target Compounds			
1) T n-Nonane (C9)	3.343	2800916	19.912 ug/ml
2) T n-Decane (C10)	4.410	2837833	19.880 ug/ml
3) T A~Naphthalene (C11.7)	5.996	3088444	20.009 ug/ml
4) T n-Dodecane (C12)	6.427	2882897	19.859 ug/ml
5) T A~2-methylnaphthalene...	7.053	3028516	19.964 ug/ml
6) T n-Tetradecane (C14)	8.225	2894115	19.910 ug/ml
7) T n-Hexadecane (C16)	9.827	2903463	19.938 ug/ml
8) T n-Octadecane (C18)	11.271	2892780	20.014 ug/ml
10) T n-Eicosane (C20)	12.580	2832559	20.070 ug/ml
11) T n-Heneicosane (C21)	13.193	2790356	20.110 ug/ml
13) T n-Docosane (C22)	13.780	2761017	20.140 ug/ml
14) T n-Tetracosane (C24)	14.882	2670544	20.211 ug/ml
15) T n-Hexacosane (C26)	15.904	2547094	20.214 ug/ml
16) T n-Octacosane (C28)	16.854	2432469	20.169 ug/ml
17) T n-Tricontane (C30)	17.740	2373071	19.945 ug/ml
18) T n-Dotriacontane (C32)	18.574	2328693	19.765 ug/ml
19) T n-Tetratriacontane (C34)	19.356	2231095	19.749 ug/ml
20) T n-Hexatriacontane (C36)	20.096	2252474	19.862 ug/ml
21) T n-Octatriacontane (C38)	20.834	2240783	19.915 ug/ml
22) T n-Tetracontane (C40)	21.753	2219584	19.770 ug/ml

(f)=RT Delta > 1/2 Window

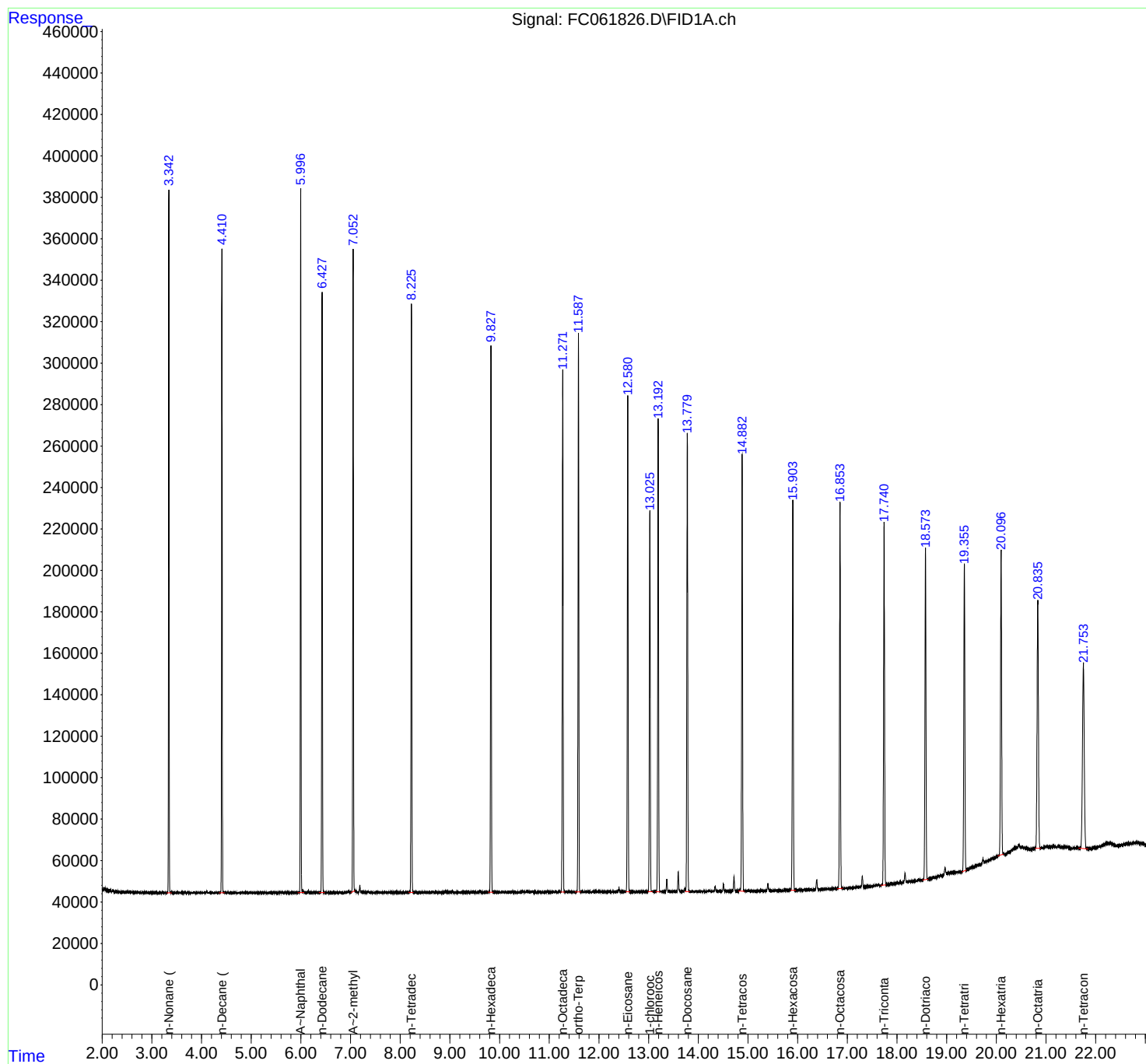
(m)=manual int.

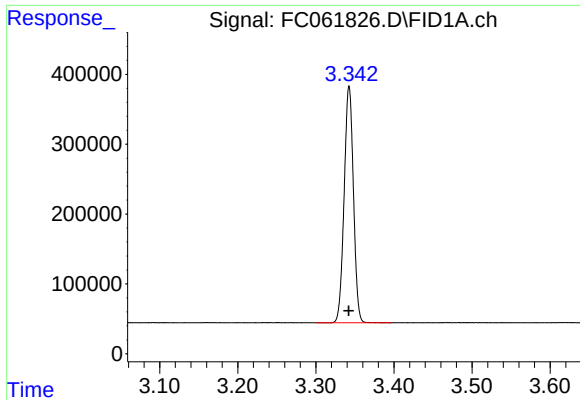
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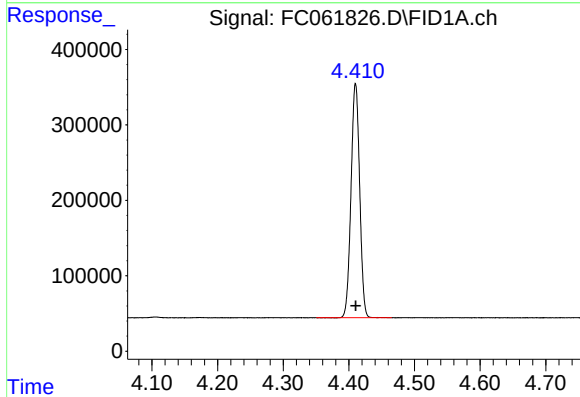




#1 n-Nonane (C9)

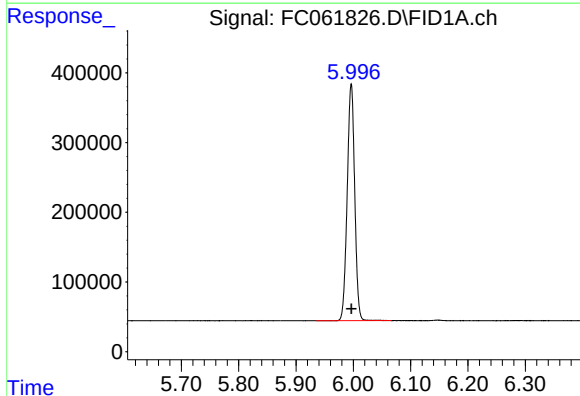
R.T.: 3.343 min
Delta R.T.: 0.000 min
Response: 2800916
Conc: 19.91 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD ICV



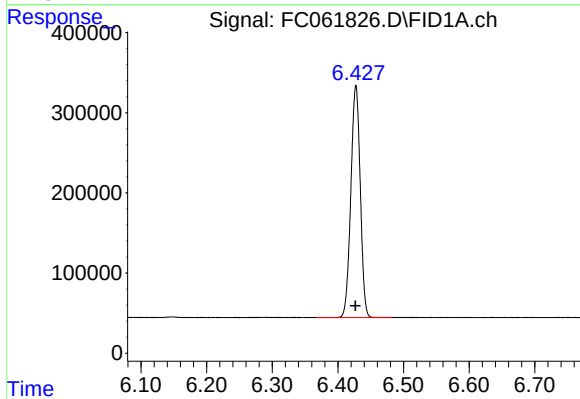
#2 n-Decane (C10)

R.T.: 4.410 min
Delta R.T.: 0.000 min
Response: 2837833
Conc: 19.88 ug/ml



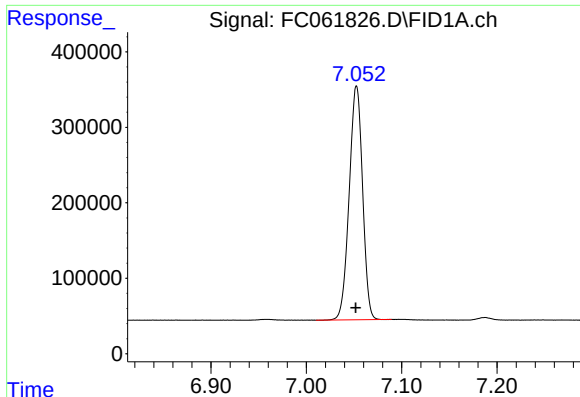
#3 A~Naphthalene (C11.7)

R.T.: 5.996 min
Delta R.T.: 0.000 min
Response: 3088444
Conc: 20.01 ug/ml



#4 n-Dodecane (C12)

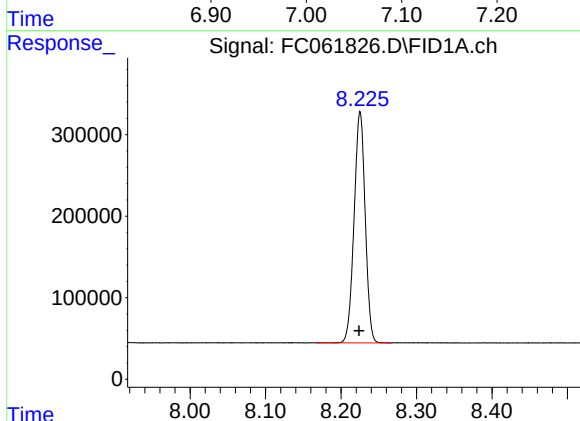
R.T.: 6.427 min
Delta R.T.: 0.000 min
Response: 2882897
Conc: 19.86 ug/ml



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

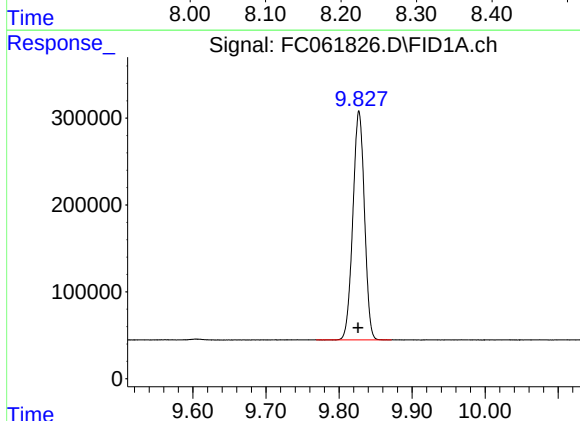
R.T.: 7.053 min
Delta R.T.: 0.000 min
Response: 3028516
Conc: 19.96 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD ICV



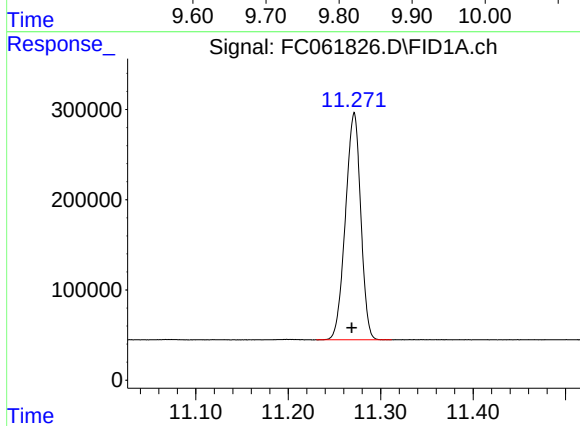
#6 n-Tetradecane (C14)

R.T.: 8.225 min
Delta R.T.: 0.001 min
Response: 2894115
Conc: 19.91 ug/ml



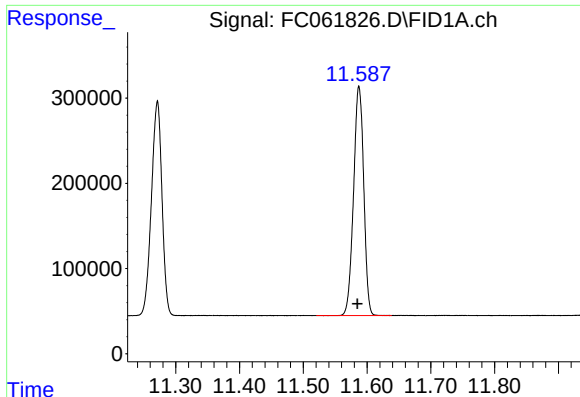
#7 n-Hexadecane (C16)

R.T.: 9.827 min
Delta R.T.: 0.001 min
Response: 2903463
Conc: 19.94 ug/ml



#8 n-Octadecane (C18)

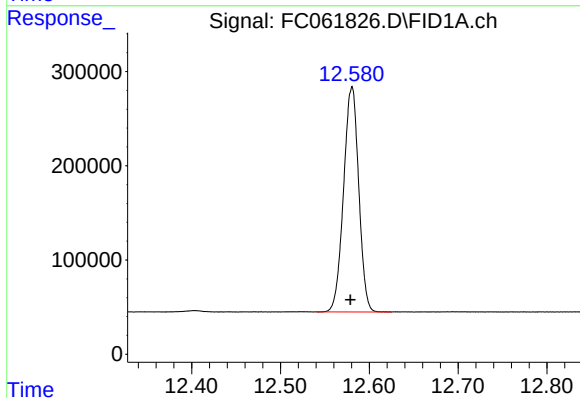
R.T.: 11.271 min
Delta R.T.: 0.002 min
Response: 2892780
Conc: 20.01 ug/ml



#9 ortho-Terphenyl (SURR)

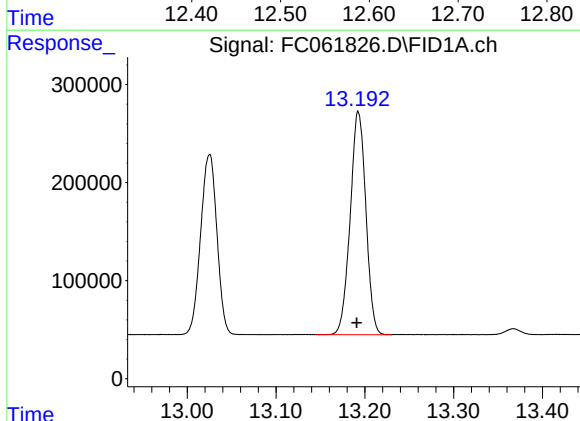
R.T.: 11.587 min
Delta R.T.: 0.002 min
Response: 2983033
Conc: 20.07 ug/ml

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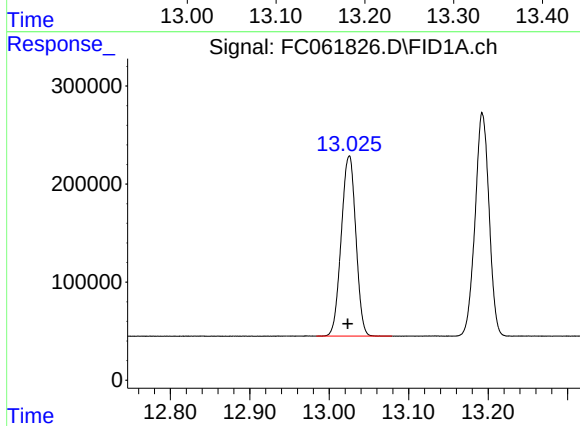
#10 n-Eicosane (C20)

R.T.: 12.580 min
Delta R.T.: 0.001 min
Response: 2832559
Conc: 20.07 ug/ml



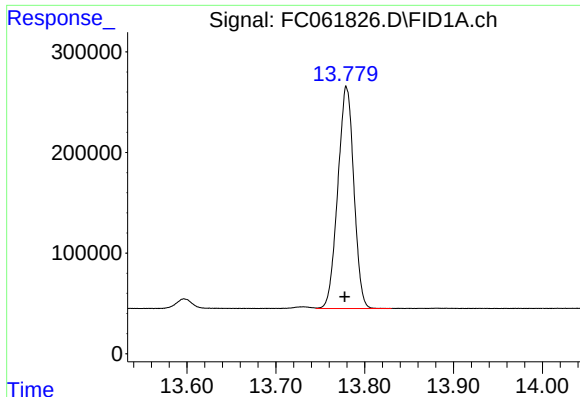
#11 n-Heneicosane (C21)

R.T.: 13.193 min
Delta R.T.: 0.002 min
Response: 2790356
Conc: 20.11 ug/ml



#12 1-chlorooctadecane (SURR)

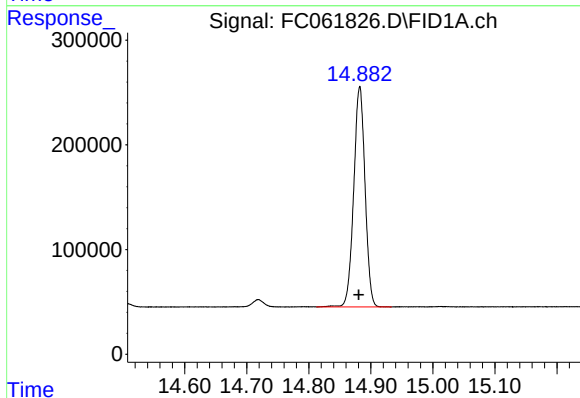
R.T.: 13.025 min
Delta R.T.: 0.002 min
Response: 2342452
Conc: 20.11 ug/ml



#13 n-Docosane (C22)

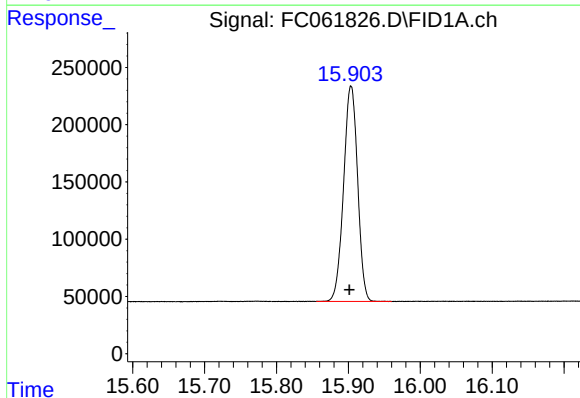
R.T.: 13.780 min
Delta R.T.: 0.002 min
Response: 2761017
Conc: 20.14 ug/ml

Instrument :
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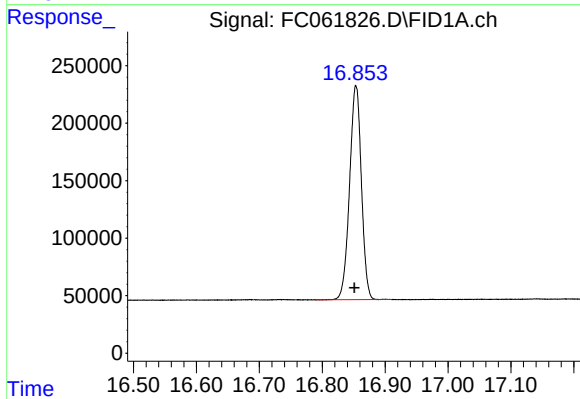
#14 n-Tetracosane (C24)

R.T.: 14.882 min
Delta R.T.: 0.002 min
Response: 2670544
Conc: 20.21 ug/ml



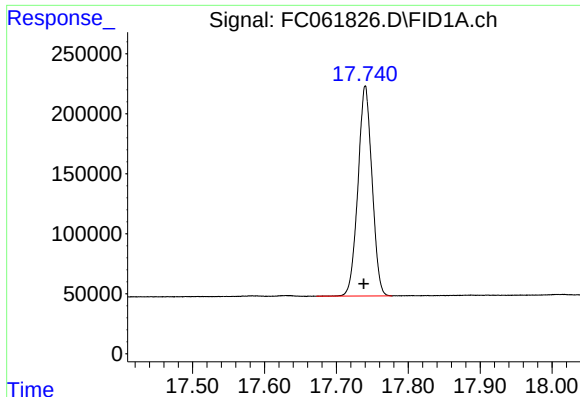
#15 n-Hexacosane (C26)

R.T.: 15.904 min
Delta R.T.: 0.002 min
Response: 2547094
Conc: 20.21 ug/ml



#16 n-Octacosane (C28)

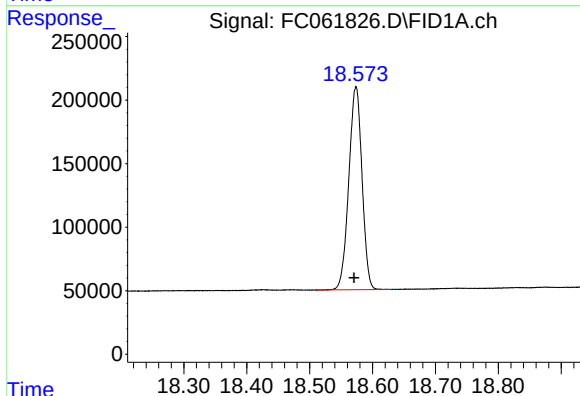
R.T.: 16.854 min
Delta R.T.: 0.003 min
Response: 2432469
Conc: 20.17 ug/ml



#17 n-Tricontane (C30)

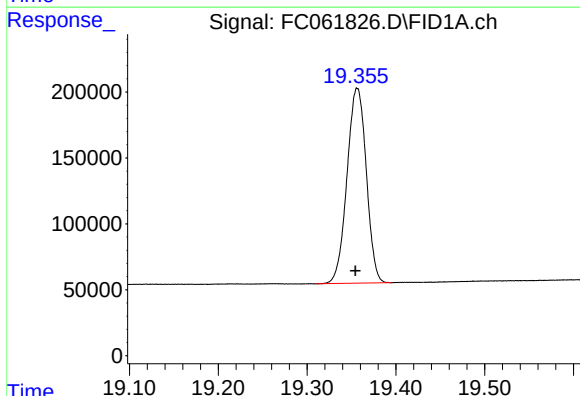
R.T.: 17.740 min
Delta R.T.: 0.002 min
Response: 2373071
Conc: 19.94 ug/ml

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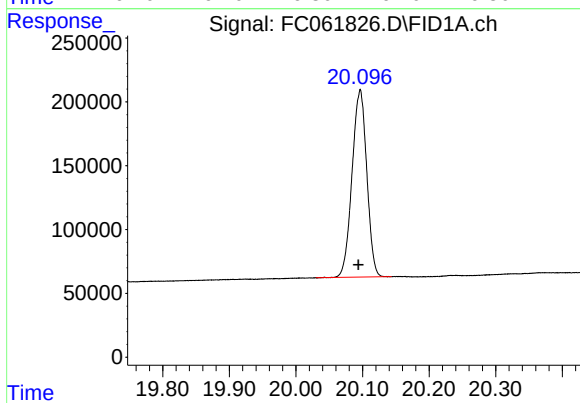
#18 n-Dotriacontane (C32)

R.T.: 18.574 min
Delta R.T.: 0.003 min
Response: 2328693
Conc: 19.76 ug/ml



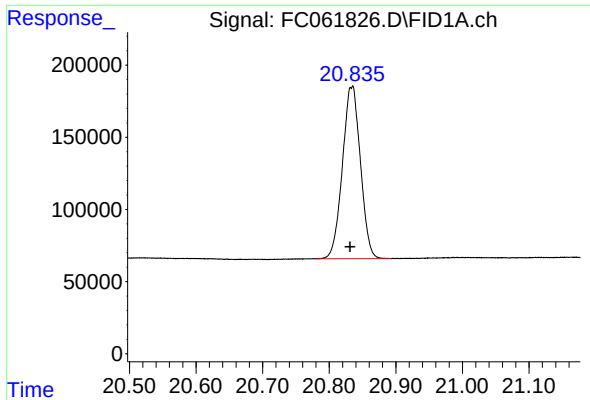
#19 n-Tetratriacontane (C34)

R.T.: 19.356 min
Delta R.T.: 0.002 min
Response: 2231095
Conc: 19.75 ug/ml



#20 n-Hexatriacontane (C36)

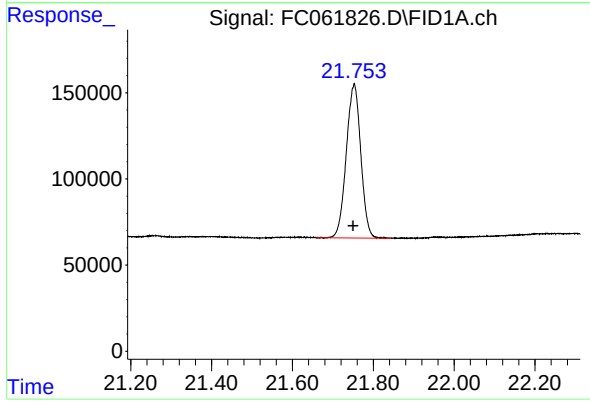
R.T.: 20.096 min
Delta R.T.: 0.003 min
Response: 2252474
Conc: 19.86 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.834 min
Delta R.T.: 0.002 min
Response: 2240783
Conc: 19.91 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.753 min
Delta R.T.: 0.003 min
Response: 2219584
Conc: 19.77 ug/ml