

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC071425AL\
 Data File : FC069445.D
 Signal(s) : FID1A.ch
 Acq On : 15 Jul 2025 00:45
 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: Jul 15 01:51:50 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 061825.M
 Quant Title : GC Extractables
 QLast Update : Wed Jun 18 14:24:27 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)	11.667	3464772	20.056 ug/ml
Spiked Amount 50.000		Recovery =	40.11%
12) S 1-chlorooctadecane (S...	13.103	2651721	20.298 ug/ml
Spiked Amount 50.000		Recovery =	40.60%
Target Compounds			
1) T n-Nonane (C9)	3.404	3147963	22.135 ug/ml
2) T n-Decane (C10)	4.476	3342505	22.832 ug/ml
3) T A~Naphthalene (C11.7)	6.070	3588850	22.306 ug/ml
4) T n-Dodecane (C12)	6.500	3441096	22.725 ug/ml
5) T A~2-methylnaphthalene...	7.129	3475904	21.965 ug/ml
6) T n-Tetradecane (C14)	8.298	3470358	22.389 ug/ml
7) T n-Hexadecane (C16)	9.902	3539773	21.661 ug/ml
8) T n-Octadecane (C18)	11.346	3444213	21.095 ug/ml
10) T n-Eicosane (C20)	12.658	3170647	20.772 ug/ml
11) T n-Heneicosane (C21)	13.270	3047738	20.678 ug/ml
13) T n-Docosane (C22)	13.857	2982747	20.730 ug/ml
14) T n-Tetracosane (C24)	14.962	2892206	20.968 ug/ml
15) T n-Hexacosane (C26)	15.985	2754333	21.070 ug/ml
16) T n-Octacosane (C28)	16.937	2713877	22.005 ug/ml
17) T n-Tricontane (C30)	17.826	2842518	23.910 ug/ml
18) T n-Dotriacontane (C32)	18.660	2799707	25.606 ug/ml
19) T n-Tetratriacontane (C34)	19.443	2505249	25.943 ug/ml
20) T n-Hexatriacontane (C36)	20.185	2117020	25.688 ug/ml
21) T n-Octatriacontane (C38)	20.949	1905337	25.496 ug/ml
22) T n-Tetracontane (C40)	21.913	1291573	18.238 ug/ml

(f)=RT Delta > 1/2 Window

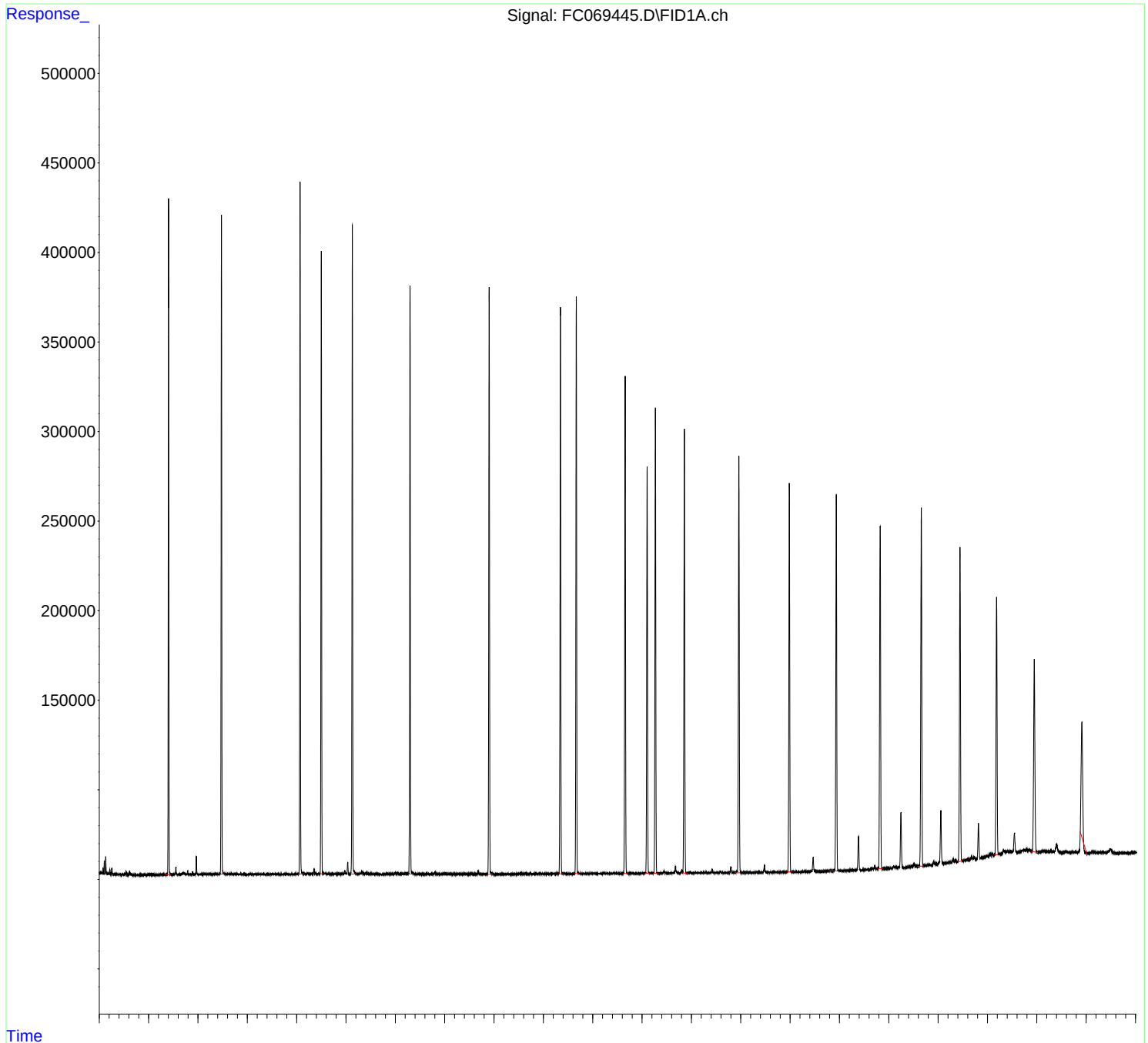
(m)=manual int.

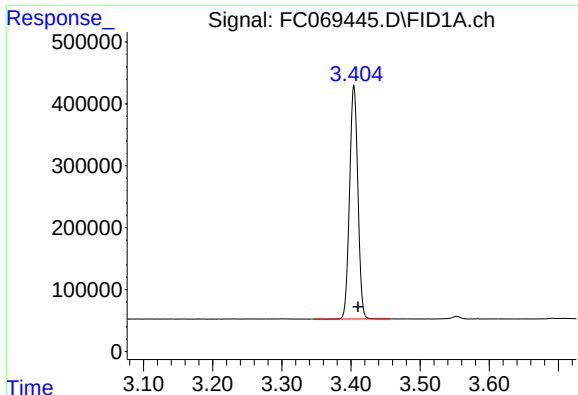
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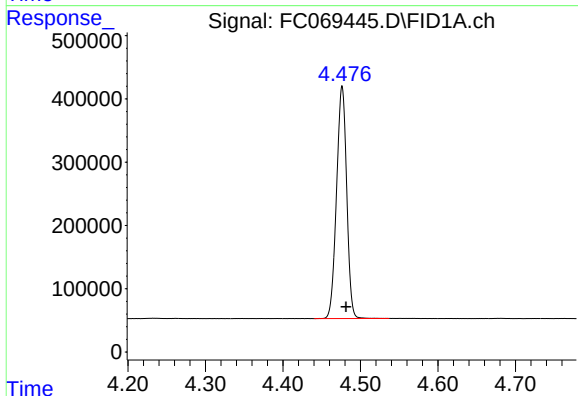




#1 n-Nonane (C9)

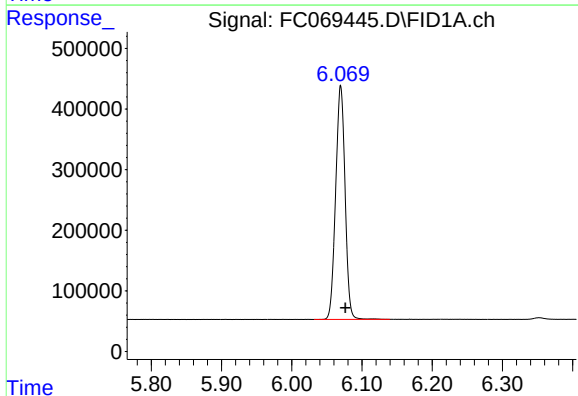
R.T.: 3.404 min
Delta R.T.: -0.006 min
Response: 3147963
Conc: 22.13 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



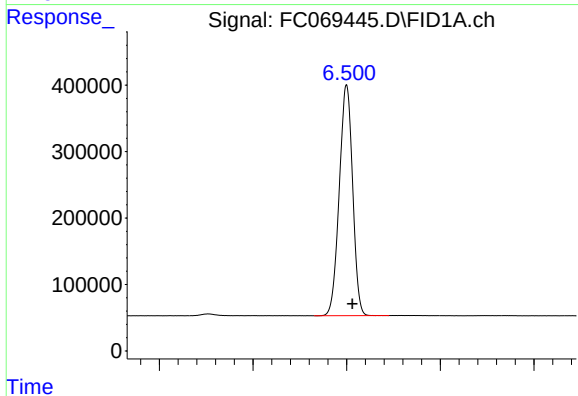
#2 n-Decane (C10)

R.T.: 4.476 min
Delta R.T.: -0.005 min
Response: 3342505
Conc: 22.83 ug/ml



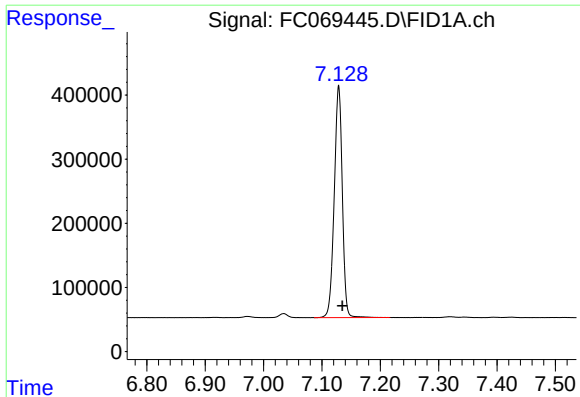
#3 A~Naphthalene (C11.7)

R.T.: 6.070 min
Delta R.T.: -0.007 min
Response: 3588850
Conc: 22.31 ug/ml



#4 n-Dodecane (C12)

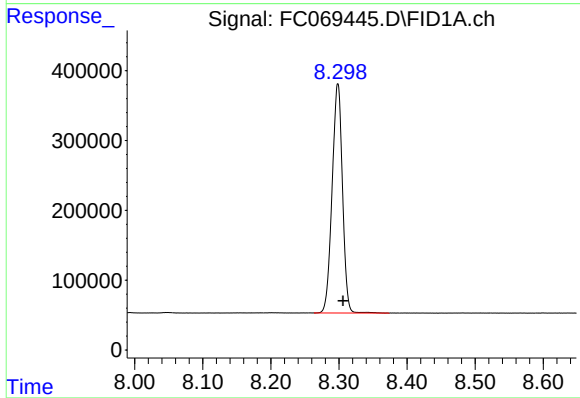
R.T.: 6.500 min
Delta R.T.: -0.006 min
Response: 3441096
Conc: 22.72 ug/ml



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

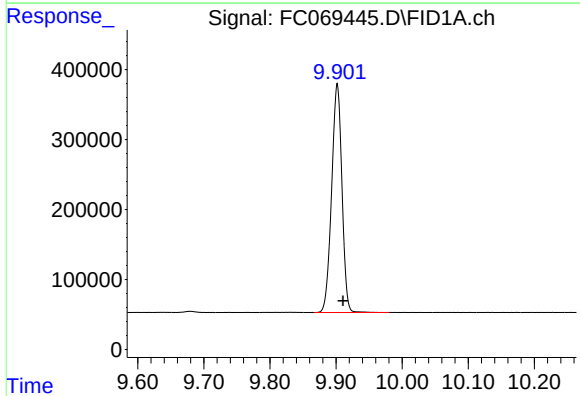
R.T.: 7.129 min
Delta R.T.: -0.007 min
Response: 3475904
Conc: 21.96 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



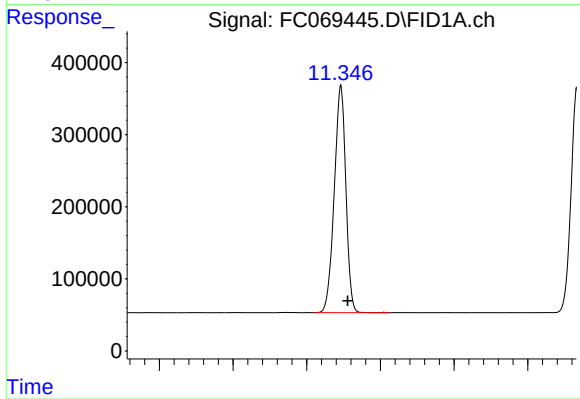
#6 n-Tetradecane (C14)

R.T.: 8.298 min
Delta R.T.: -0.008 min
Response: 3470358
Conc: 22.39 ug/ml



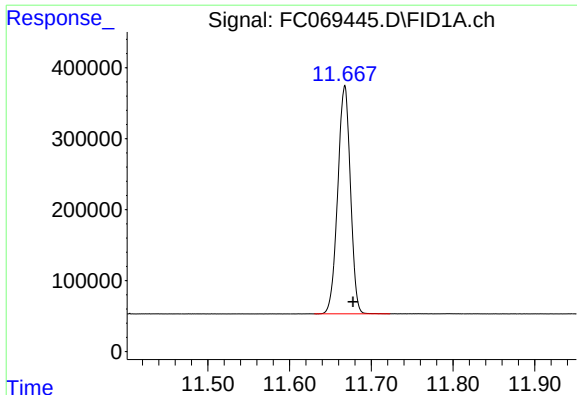
#7 n-Hexadecane (C16)

R.T.: 9.902 min
Delta R.T.: -0.009 min
Response: 3539773
Conc: 21.66 ug/ml



#8 n-Octadecane (C18)

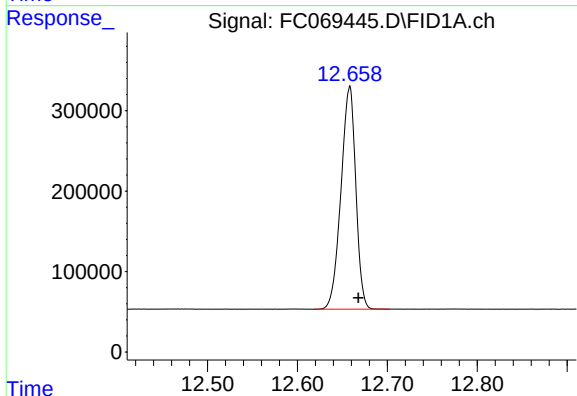
R.T.: 11.346 min
Delta R.T.: -0.009 min
Response: 3444213
Conc: 21.10 ug/ml



#9 ortho-Terphenyl (SURR)

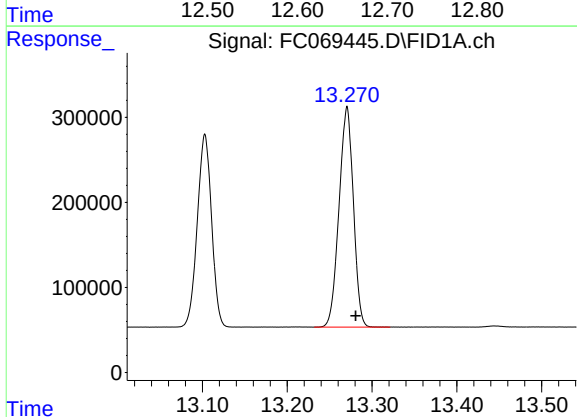
R.T.: 11.667 min
Delta R.T.: -0.010 min
Response: 3464772
Conc: 20.06 ug/ml

Instrument :
FID_C
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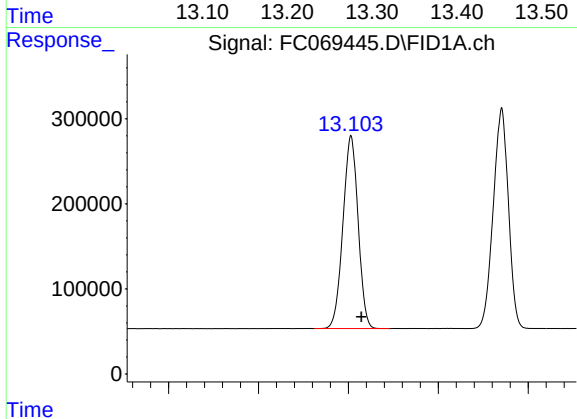
#10 n-Eicosane (C20)

R.T.: 12.658 min
Delta R.T.: -0.010 min
Response: 3170647
Conc: 20.77 ug/ml



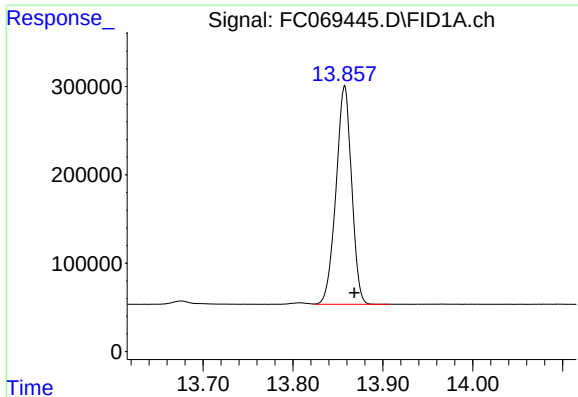
#11 n-Heneicosane (C21)

R.T.: 13.270 min
Delta R.T.: -0.010 min
Response: 3047738
Conc: 20.68 ug/ml



#12 1-chlorooctadecane (SURR)

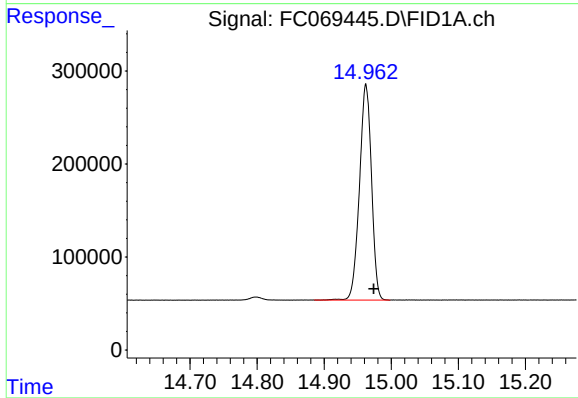
R.T.: 13.103 min
Delta R.T.: -0.011 min
Response: 2651721
Conc: 20.30 ug/ml



#13 n-Docosane (C22)

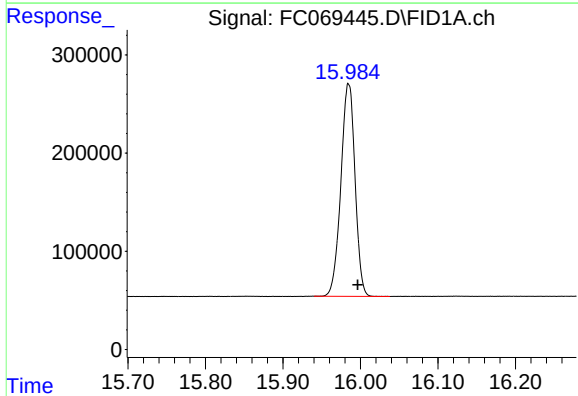
R.T.: 13.857 min
Delta R.T.: -0.011 min
Response: 2982747
Conc: 20.73 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



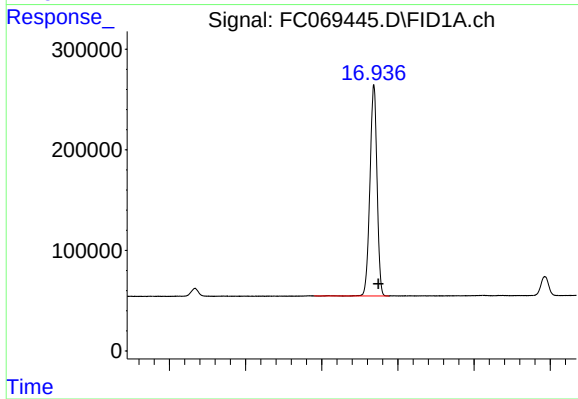
#14 n-Tetracosane (C24)

R.T.: 14.962 min
Delta R.T.: -0.011 min
Response: 2892206
Conc: 20.97 ug/ml



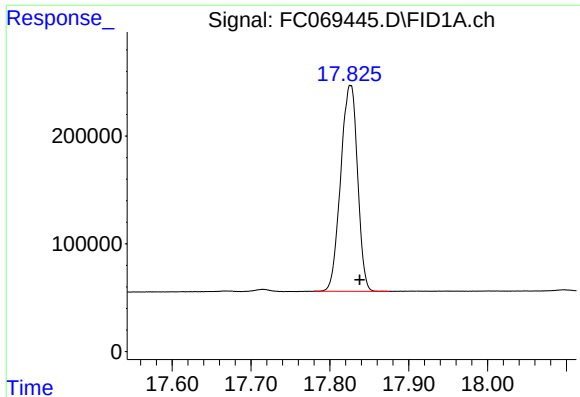
#15 n-Hexacosane (C26)

R.T.: 15.985 min
Delta R.T.: -0.012 min
Response: 2754333
Conc: 21.07 ug/ml



#16 n-Octacosane (C28)

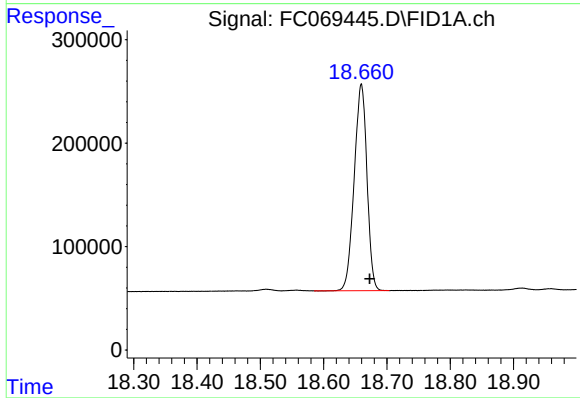
R.T.: 16.937 min
Delta R.T.: -0.012 min
Response: 2713877
Conc: 22.01 ug/ml



#17 n-Tricontane (C30)

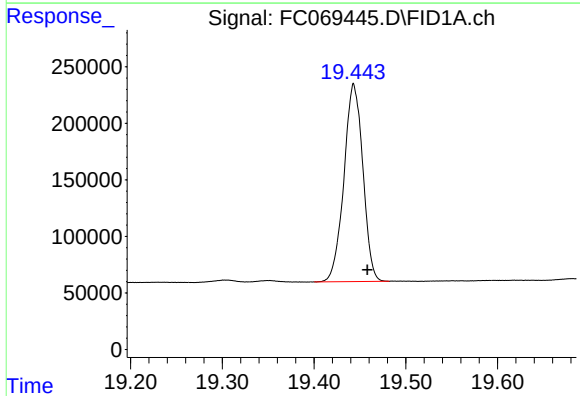
R.T.: 17.826 min
Delta R.T.: -0.012 min
Response: 2842518
Conc: 23.91 ug/ml

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FID_C
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20 PPM ALIPHATIC HC STD



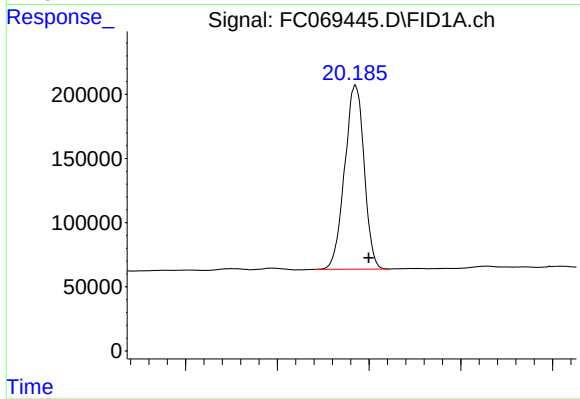
#18 n-Dotriacontane (C32)

R.T.: 18.660 min
Delta R.T.: -0.013 min
Response: 2799707
Conc: 25.61 ug/ml



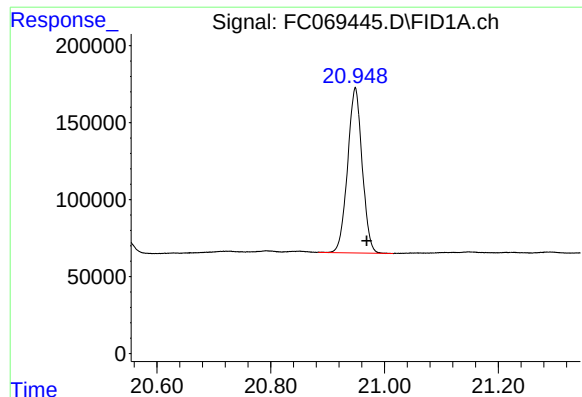
#19 n-Tetratriacontane (C34)

R.T.: 19.443 min
Delta R.T.: -0.015 min
Response: 2505249
Conc: 25.94 ug/ml



#20 n-Hexatriacontane (C36)

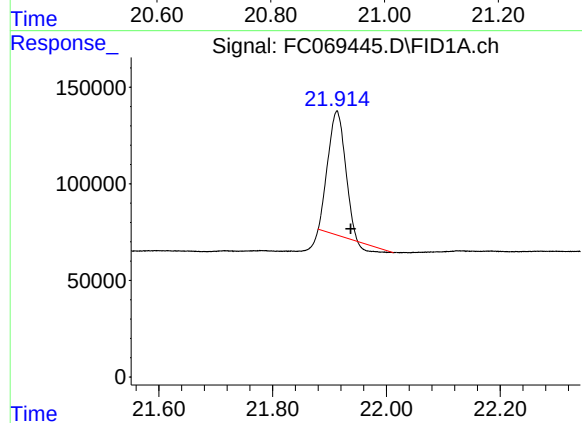
R.T.: 20.185 min
Delta R.T.: -0.015 min
Response: 2117020
Conc: 25.69 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.949 min
Delta R.T.: -0.020 min
Response: 1905337
Conc: 25.50 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.913 min
Delta R.T.: -0.024 min
Response: 1291573
Conc: 18.24 ug/ml