

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC072425AL\
 Data File : FC069521.D
 Signal(s) : FID1A.ch
 Acq On : 24 Jul 2025 09:14
 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 25 01:33:01 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 071525.M
 Quant Title : GC Extractables
 QLast Update : Tue Jul 15 12:35:59 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)	11.671	2641486	17.799 ug/ml
Spiked Amount 50.000		Recovery =	35.60%
12) S 1-chlorooctadecane (S...	13.107	2006576	17.756 ug/ml
Spiked Amount 50.000		Recovery =	35.51%
Target Compounds			
1) T n-Nonane (C9)	3.402	2564613	18.846 ug/ml
2) T n-Decane (C10)	4.475	2643544	18.994 ug/ml
3) T A~Naphthalene (C11.7)	6.071	2798367	18.519 ug/ml
4) T n-Dodecane (C12)	6.501	2682121	18.923 ug/ml
5) T A~2-methylnaphthalene...	7.130	2669868	18.275 ug/ml
6) T n-Tetradecane (C14)	8.300	2627564	18.480 ug/ml
7) T n-Hexadecane (C16)	9.904	2652337	18.171 ug/ml
8) T n-Octadecane (C18)	11.349	2580447	17.939 ug/ml
10) T n-Eicosane (C20)	12.660	2389116	17.796 ug/ml
11) T n-Heneicosane (C21)	13.273	2304052	17.738 ug/ml
13) T n-Docosane (C22)	13.860	2258870	17.785 ug/ml
14) T n-Tetracosane (C24)	14.965	2174883	17.819 ug/ml
15) T n-Hexacosane (C26)	15.988	2081041	17.912 ug/ml
16) T n-Octacosane (C28)	16.940	2012581	18.178 ug/ml
17) T n-Tricontane (C30)	17.828	2065932	18.867 ug/ml
18) T n-Dotriacontane (C32)	18.663	2066541	19.915 ug/ml
19) T n-Tetratriacontane (C34)	19.446	1898196	20.145 ug/ml
20) T n-Hexatriacontane (C36)	20.187	1683299	20.379 ug/ml
21) T n-Octatriacontane (C38)	20.955	1494205	19.672 ug/ml
22) T n-Tetracontane (C40)	21.917	1408610	19.231 ug/ml

(f)=RT Delta > 1/2 Window

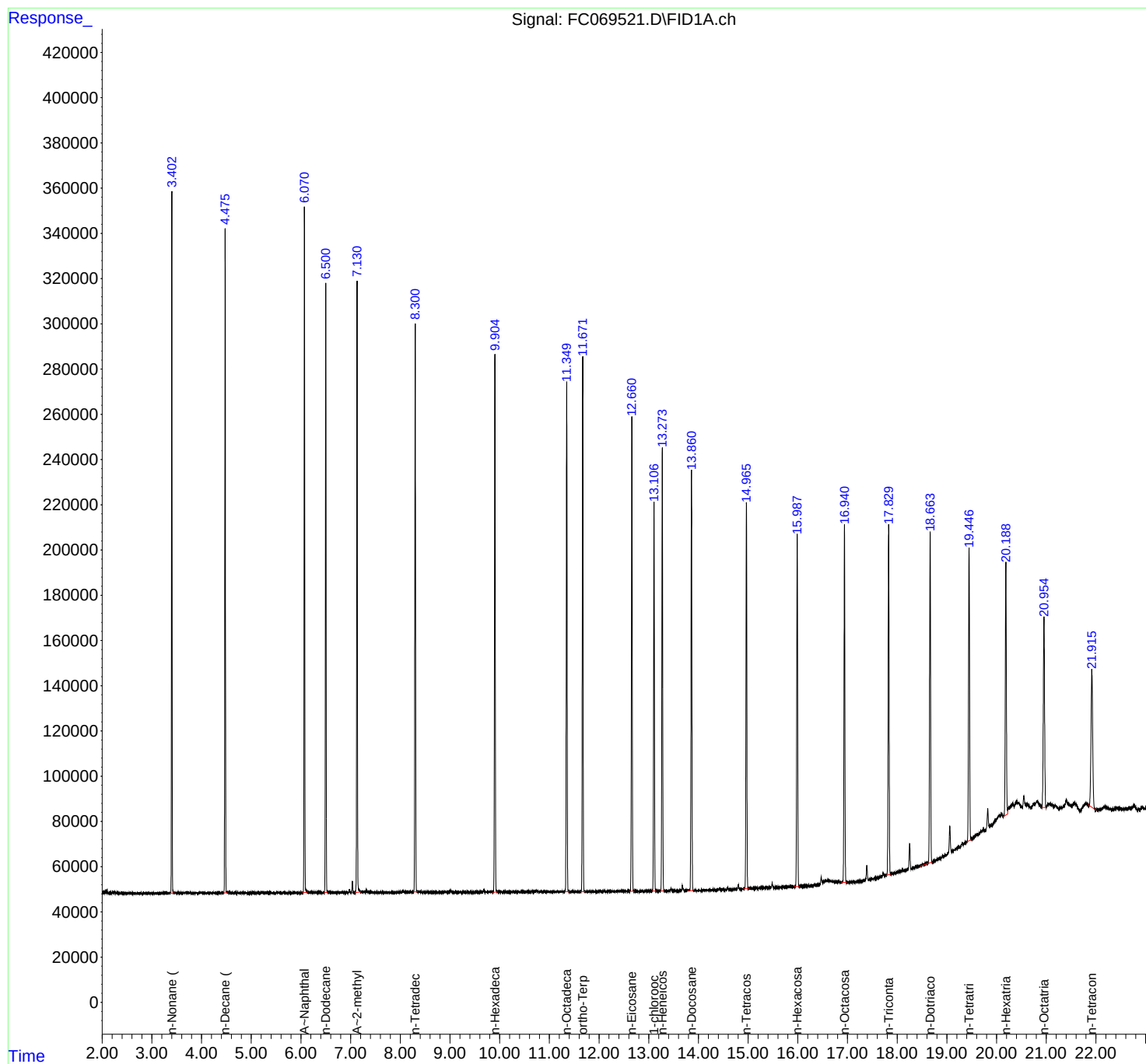
(m)=manual int.

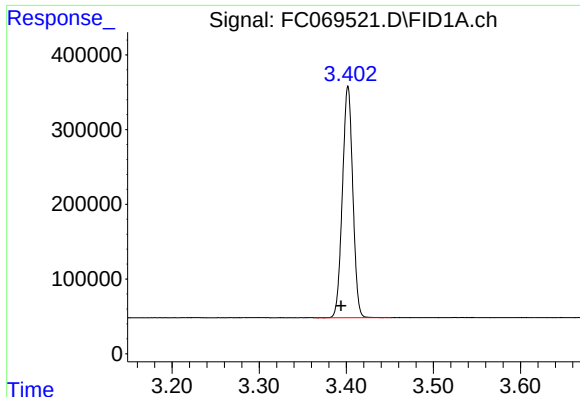
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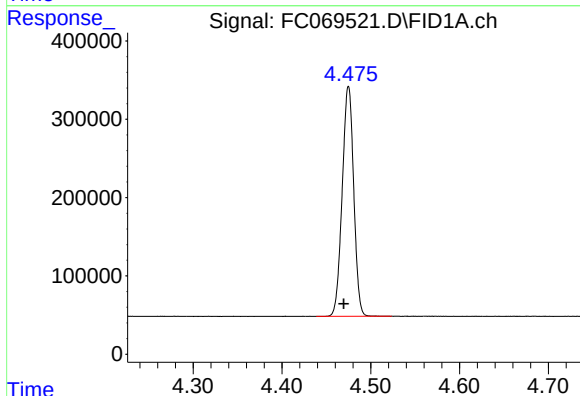




#1 n-Nonane (C9)

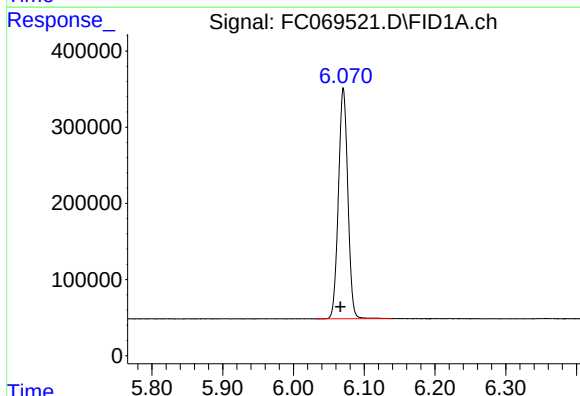
R.T.: 3.402 min
Delta R.T.: 0.008 min
Response: 2564613
Conc: 18.85 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



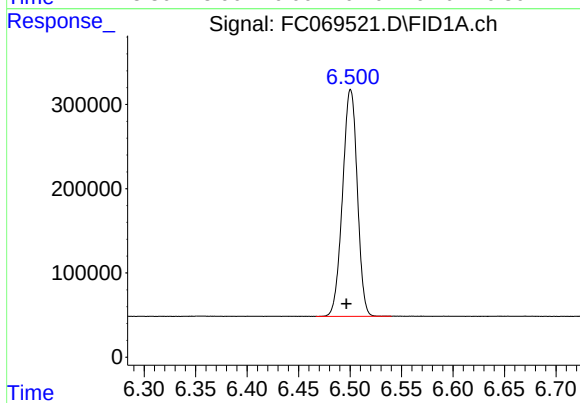
#2 n-Decane (C10)

R.T.: 4.475 min
Delta R.T.: 0.005 min
Response: 2643544
Conc: 18.99 ug/ml



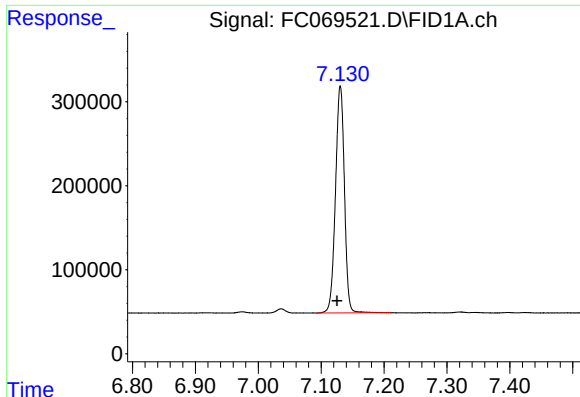
#3 A~Naphthalene (C11.7)

R.T.: 6.071 min
Delta R.T.: 0.004 min
Response: 2798367
Conc: 18.52 ug/ml



#4 n-Dodecane (C12)

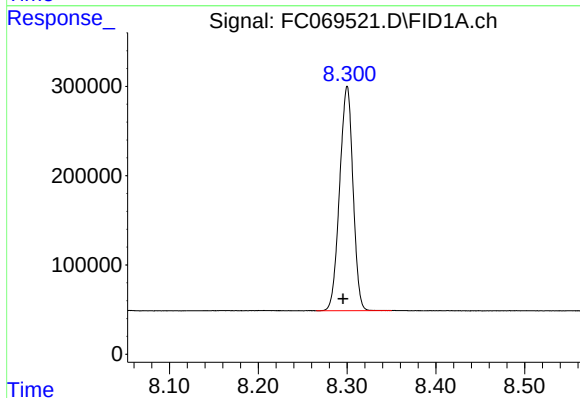
R.T.: 6.501 min
Delta R.T.: 0.004 min
Response: 2682121
Conc: 18.92 ug/ml



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

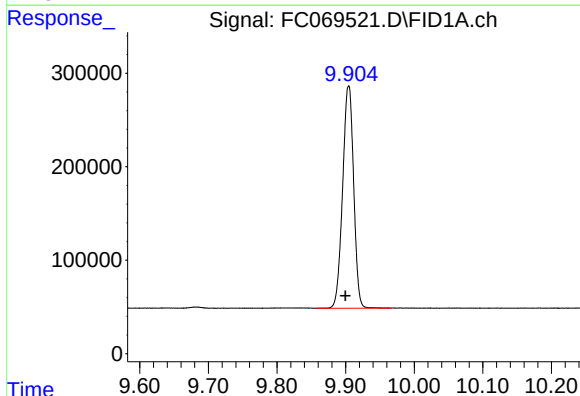
R.T.: 7.130 min
Delta R.T.: 0.005 min
Response: 2669868
Conc: 18.28 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



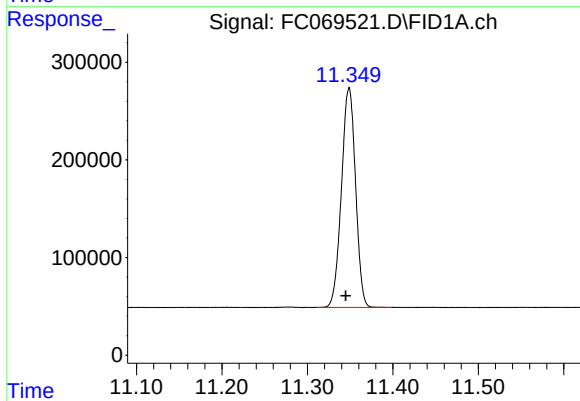
#6 n-Tetradecane (C14)

R.T.: 8.300 min
Delta R.T.: 0.004 min
Response: 2627564
Conc: 18.48 ug/ml



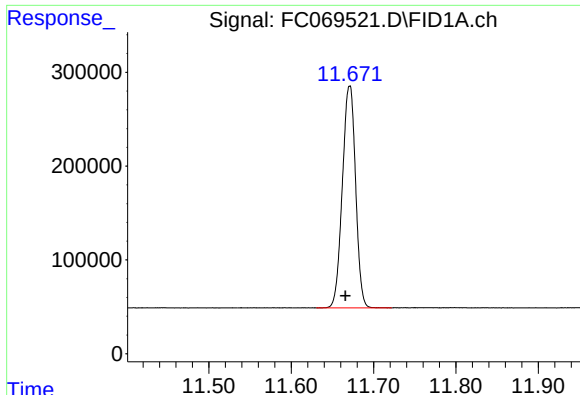
#7 n-Hexadecane (C16)

R.T.: 9.904 min
Delta R.T.: 0.005 min
Response: 2652337
Conc: 18.17 ug/ml



#8 n-Octadecane (C18)

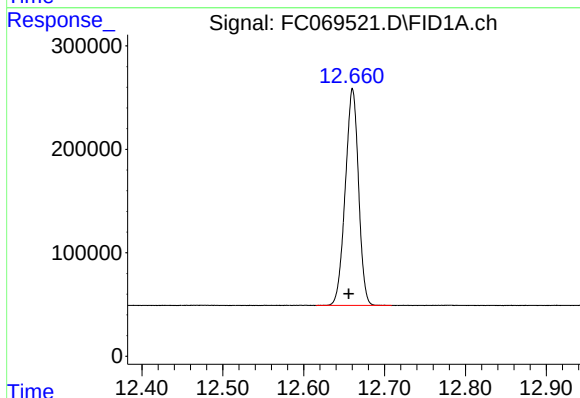
R.T.: 11.349 min
Delta R.T.: 0.004 min
Response: 2580447
Conc: 17.94 ug/ml



#9 ortho-Terphenyl (SURR)

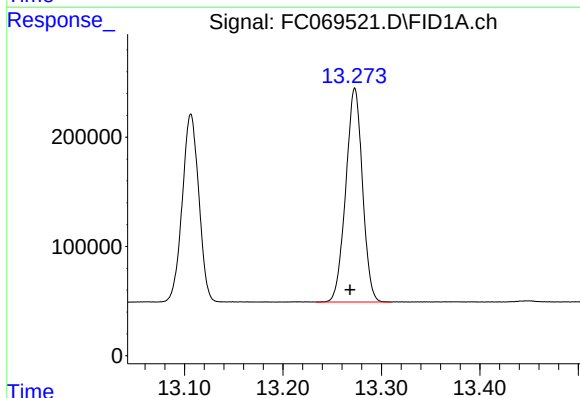
R.T.: 11.671 min
Delta R.T.: 0.005 min
Response: 2641486
Conc: 17.80 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



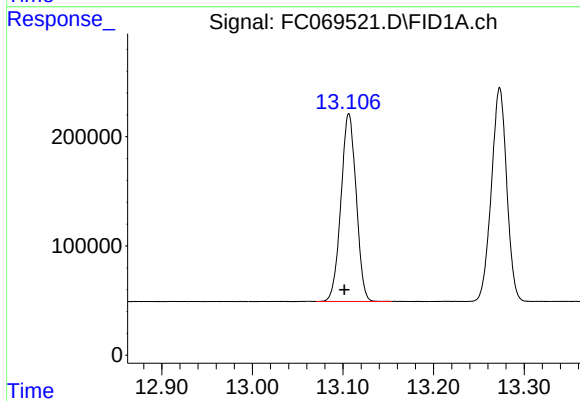
#10 n-Eicosane (C20)

R.T.: 12.660 min
Delta R.T.: 0.005 min
Response: 2389116
Conc: 17.80 ug/ml



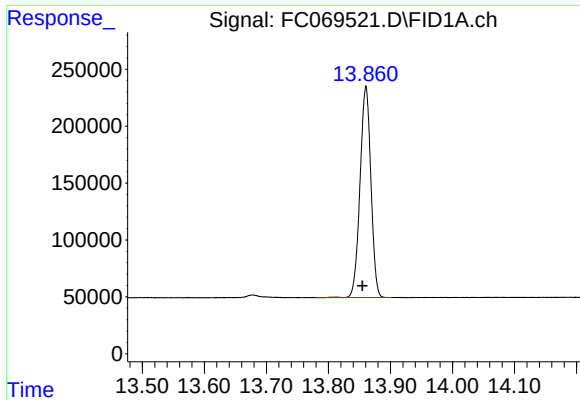
#11 n-Heneicosane (C21)

R.T.: 13.273 min
Delta R.T.: 0.005 min
Response: 2304052
Conc: 17.74 ug/ml



#12 1-chlorooctadecane (SURR)

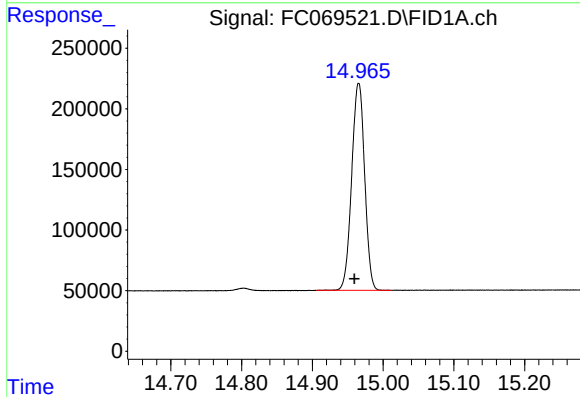
R.T.: 13.107 min
Delta R.T.: 0.005 min
Response: 2006576
Conc: 17.76 ug/ml



#13 n-Docosane (C22)

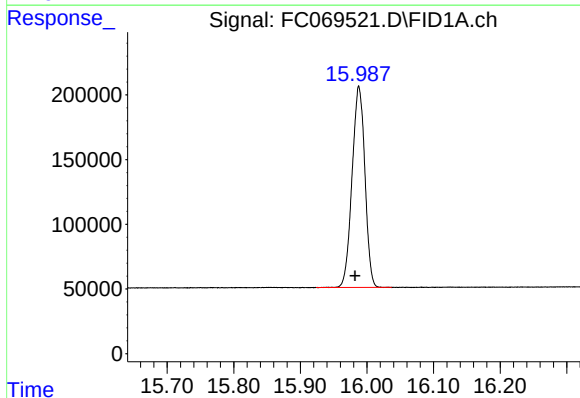
R.T.: 13.860 min
Delta R.T.: 0.006 min
Response: 2258870
Conc: 17.79 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



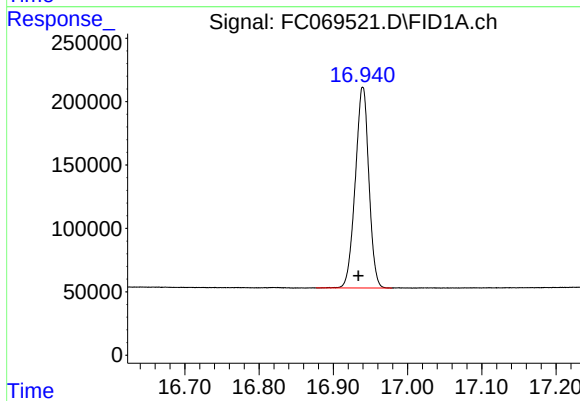
#14 n-Tetracosane (C24)

R.T.: 14.965 min
Delta R.T.: 0.006 min
Response: 2174883
Conc: 17.82 ug/ml



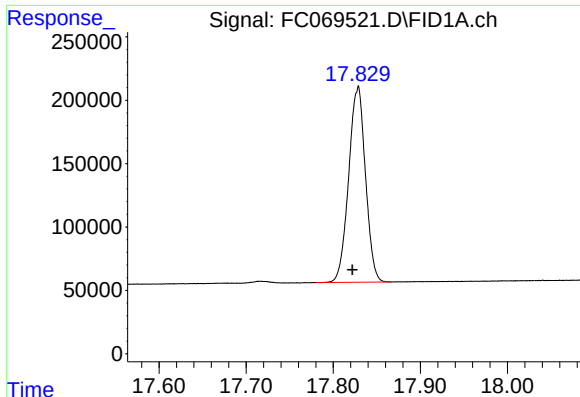
#15 n-Hexacosane (C26)

R.T.: 15.988 min
Delta R.T.: 0.006 min
Response: 2081041
Conc: 17.91 ug/ml



#16 n-Octacosane (C28)

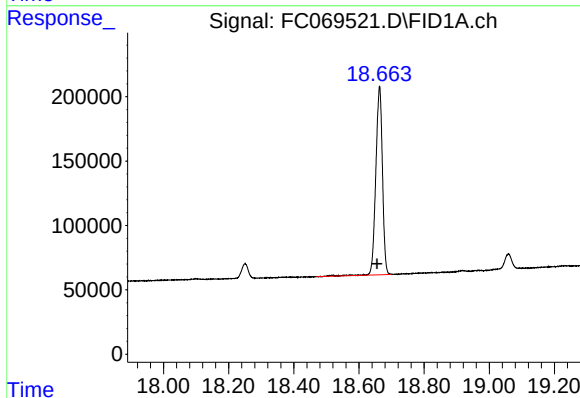
R.T.: 16.940 min
Delta R.T.: 0.006 min
Response: 2012581
Conc: 18.18 ug/ml



#17 n-Tricontane (C30)

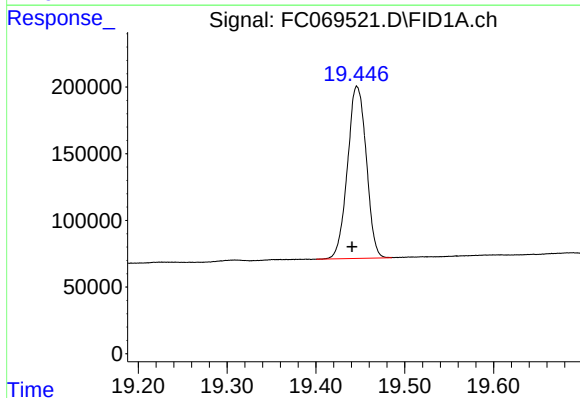
R.T.: 17.828 min
Delta R.T.: 0.006 min
Response: 2065932
Conc: 18.87 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



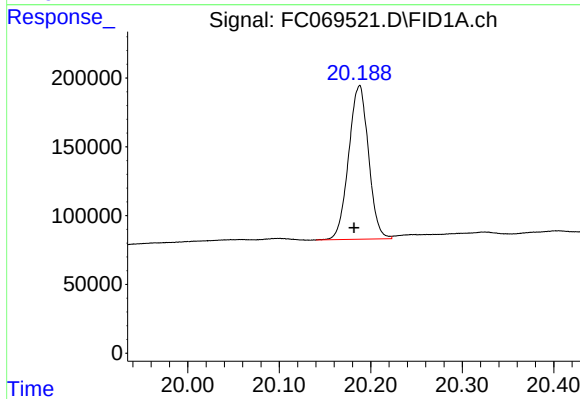
#18 n-Dotriacontane (C32)

R.T.: 18.663 min
Delta R.T.: 0.008 min
Response: 2066541
Conc: 19.91 ug/ml



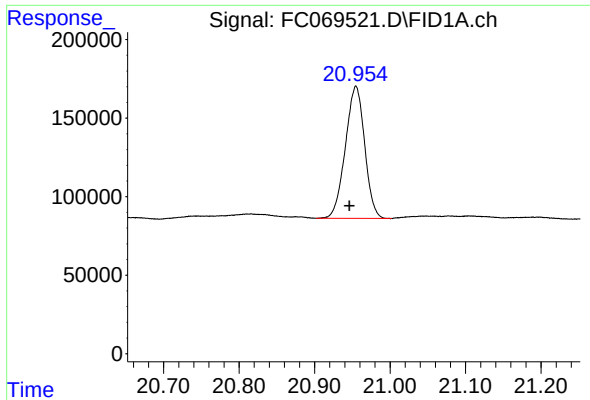
#19 n-Tetratriacontane (C34)

R.T.: 19.446 min
Delta R.T.: 0.006 min
Response: 1898196
Conc: 20.14 ug/ml



#20 n-Hexatriacontane (C36)

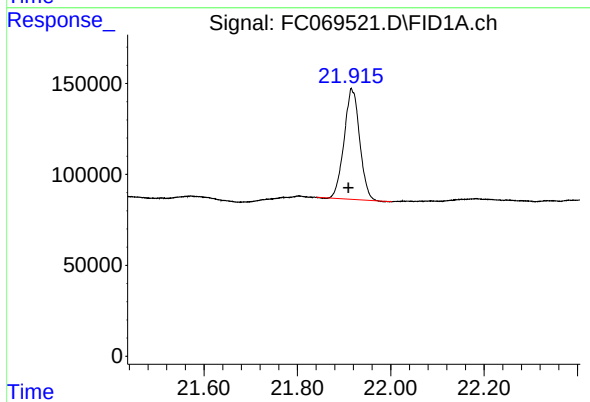
R.T.: 20.187 min
Delta R.T.: 0.006 min
Response: 1683299
Conc: 20.38 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.955 min
Delta R.T.: 0.009 min
Response: 1494205
Conc: 19.67 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.917 min
Delta R.T.: 0.008 min
Response: 1408610
Conc: 19.23 ug/ml