

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC101525AL\
 Data File : FC069973.D
 Signal(s) : FID1A.ch
 Acq On : 15 Oct 2025 12:40
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Oct 16 02:38:47 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 100725.M
 Quant Title : GC Extractables
 QLast Update : Tue Oct 07 09:35:40 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)	11.644	3482547	19.832 ug/ml
Spiked Amount 50.000		Recovery =	39.66%
12) S 1-chlorooctadecane (S...	13.079	2599094	19.147 ug/ml
Spiked Amount 50.000		Recovery =	38.29%
Target Compounds			
1) T n-Nonane (C9)	3.384	2762842	20.120 ug/ml
2) T n-Decane (C10)	4.455	2900887	20.178 ug/ml
3) T A~Naphthalene (C11.7)	6.048	3205746	19.836 ug/ml
4) T n-Dodecane (C12)	6.477	3061819	19.976 ug/ml
5) T A~2-methylnaphthalene...	7.106	3136504	19.658 ug/ml
6) T n-Tetradecane (C14)	8.275	3157316	19.852 ug/ml
7) T n-Hexadecane (C16)	9.878	3328807	19.753 ug/ml
8) T n-Octadecane (C18)	11.323	3365748	19.783 ug/ml
10) T n-Eicosane (C20)	12.633	3164600	19.725 ug/ml
11) T n-Heneicosane (C21)	13.246	3068243	19.760 ug/ml
13) T n-Docosane (C22)	13.832	3016772	19.603 ug/ml
14) T n-Tetracosane (C24)	14.935	2908656	19.183 ug/ml
15) T n-Hexacosane (C26)	15.958	2761690	19.080 ug/ml
16) T n-Octacosane (C28)	16.909	2640332	19.091 ug/ml
17) T n-Tricontane (C30)	17.798	2641316	19.345 ug/ml
18) T n-Dotriacontane (C32)	18.631	2518306	19.532 ug/ml
19) T n-Tetratriacontane (C34)	19.414	2249482	19.715 ug/ml
20) T n-Hexatriacontane (C36)	20.155	1877573	19.414 ug/ml
21) T n-Octatriacontane (C38)	20.914	1605187	18.417 ug/ml
22) T n-Tetracontane (C40)	21.866	1380340	16.800 ug/ml

(f)=RT Delta > 1/2 Window

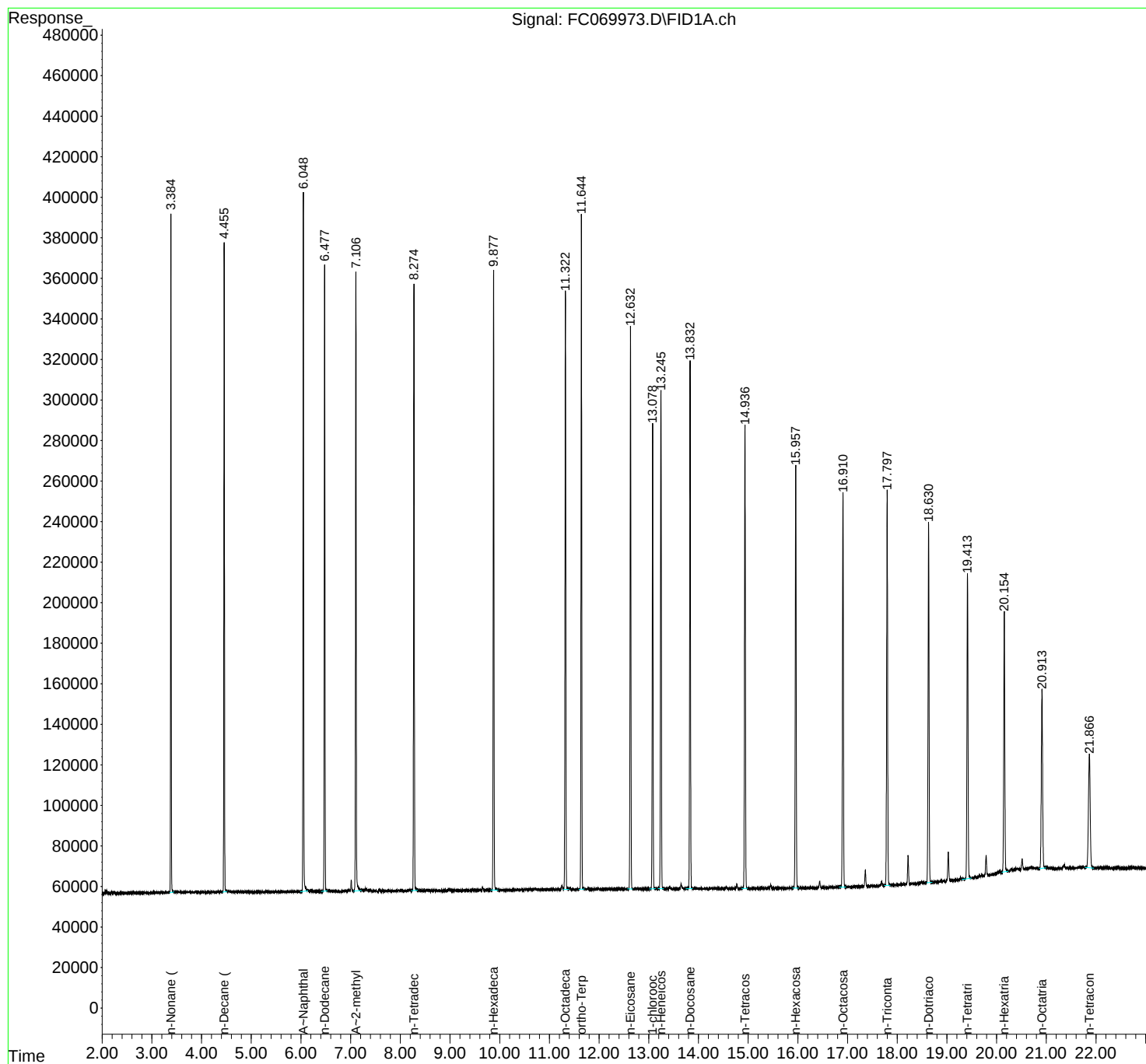
(m)=manual int.

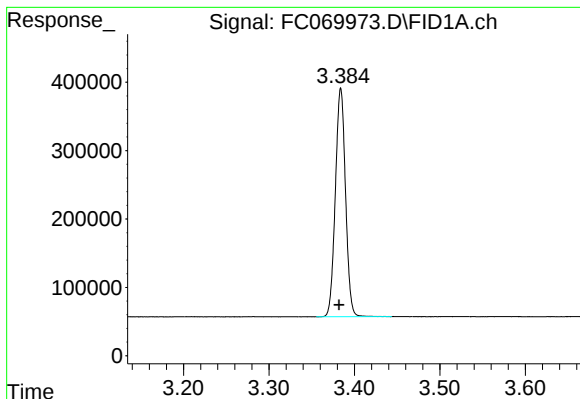
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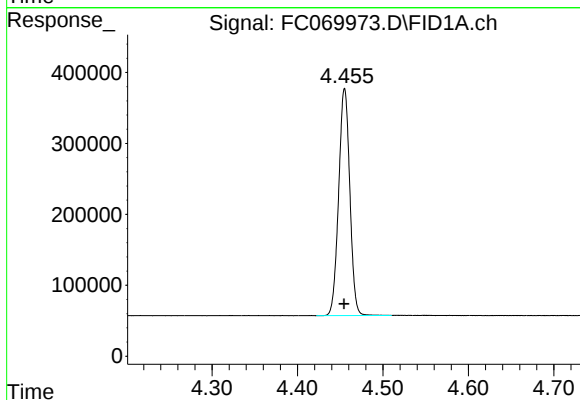




#1 n-Nonane (C9)

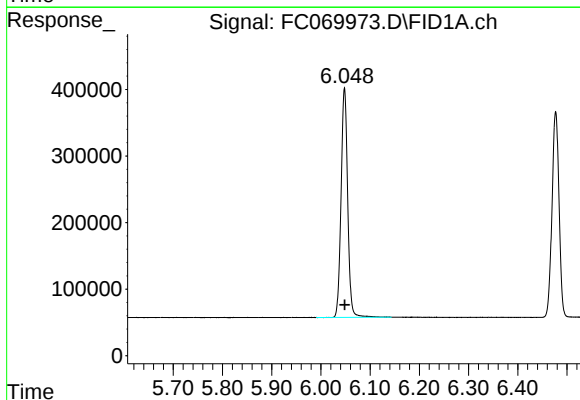
R.T.: 3.384 min
Delta R.T.: 0.002 min
Response: 2762842
Conc: 20.12 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



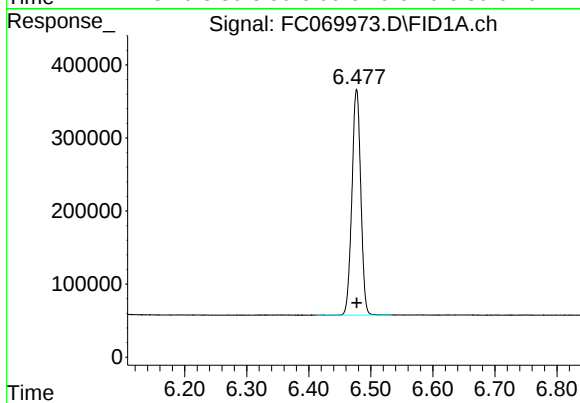
#2 n-Decane (C10)

R.T.: 4.455 min
Delta R.T.: 0.000 min
Response: 2900887
Conc: 20.18 ug/ml



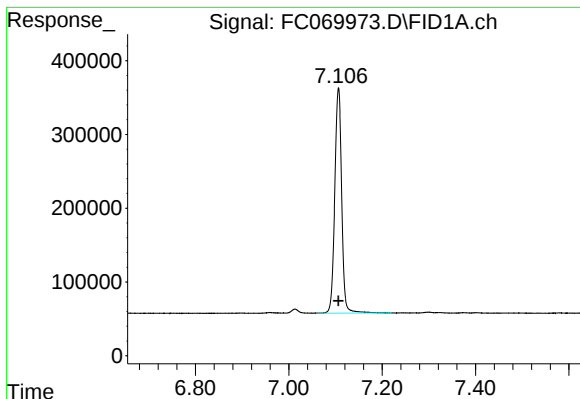
#3 A~Naphthalene (C11.7)

R.T.: 6.048 min
Delta R.T.: 0.000 min
Response: 3205746
Conc: 19.84 ug/ml



#4 n-Dodecane (C12)

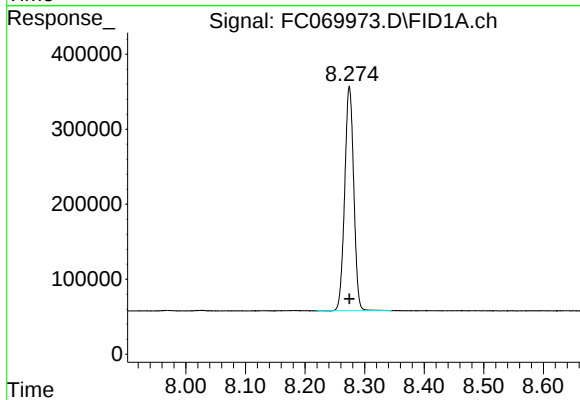
R.T.: 6.477 min
Delta R.T.: 0.000 min
Response: 3061819
Conc: 19.98 ug/ml



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

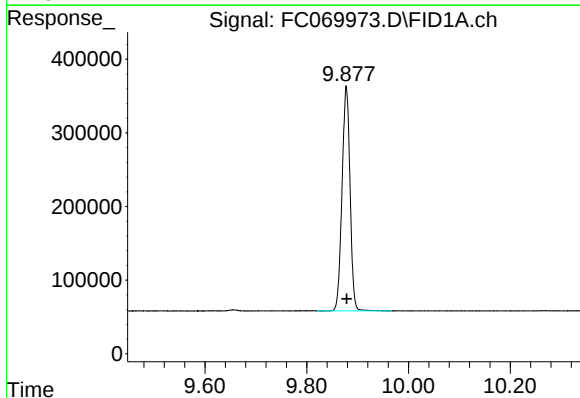
R.T.: 7.106 min
Delta R.T.: 0.000 min
Response: 3136504
Conc: 19.66 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



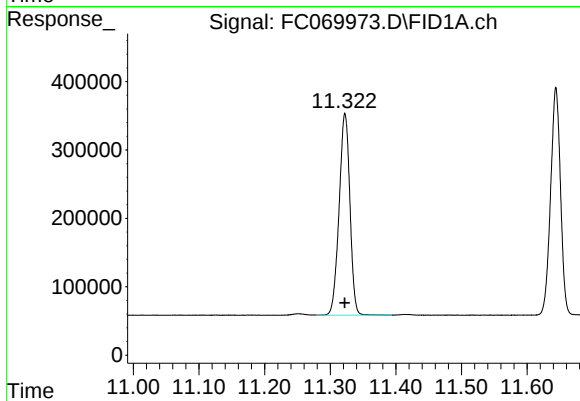
#6 n-Tetradecane (C14)

R.T.: 8.275 min
Delta R.T.: 0.000 min
Response: 3157316
Conc: 19.85 ug/ml



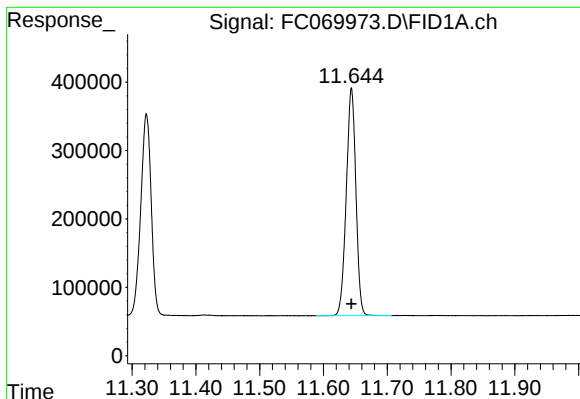
#7 n-Hexadecane (C16)

R.T.: 9.878 min
Delta R.T.: 0.000 min
Response: 3328807
Conc: 19.75 ug/ml



#8 n-Octadecane (C18)

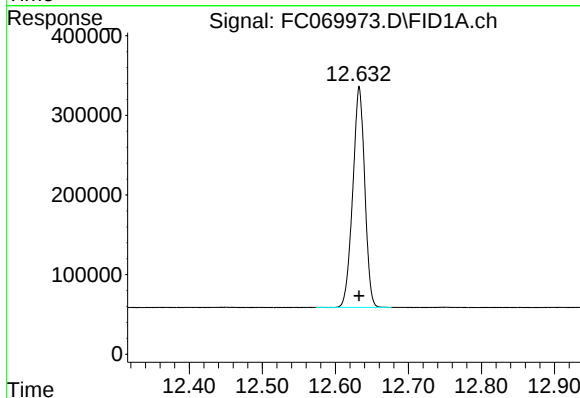
R.T.: 11.323 min
Delta R.T.: 0.000 min
Response: 3365748
Conc: 19.78 ug/ml



#9 ortho-Terphenyl (SURR)

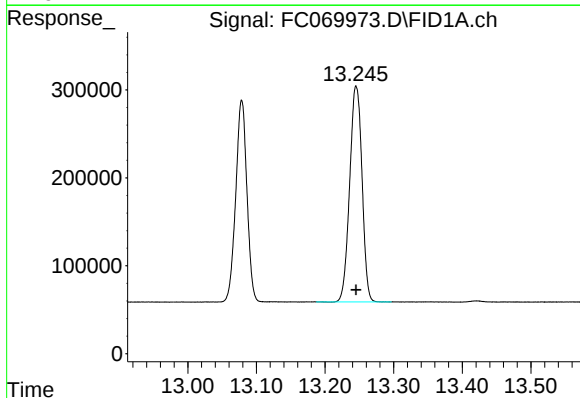
R.T.: 11.644 min
Delta R.T.: 0.000 min
Response: 3482547
Conc: 19.83 ug/ml

Instrument :
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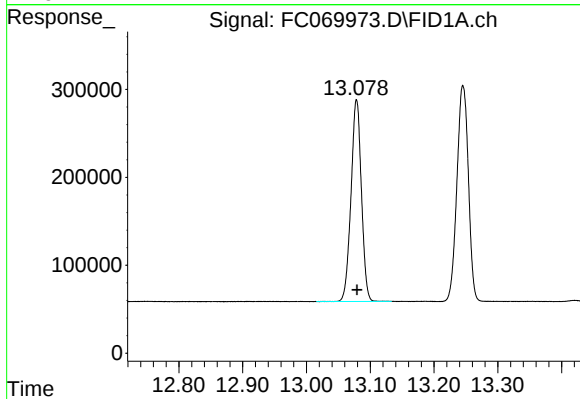
#10 n-Eicosane (C20)

R.T.: 12.633 min
Delta R.T.: 0.000 min
Response: 3164600
Conc: 19.73 ug/ml



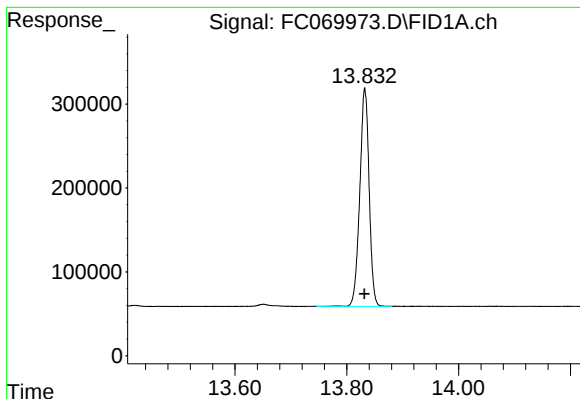
#11 n-Heneicosane (C21)

R.T.: 13.246 min
Delta R.T.: 0.000 min
Response: 3068243
Conc: 19.76 ug/ml



#12 1-chlorooctadecane (SURR)

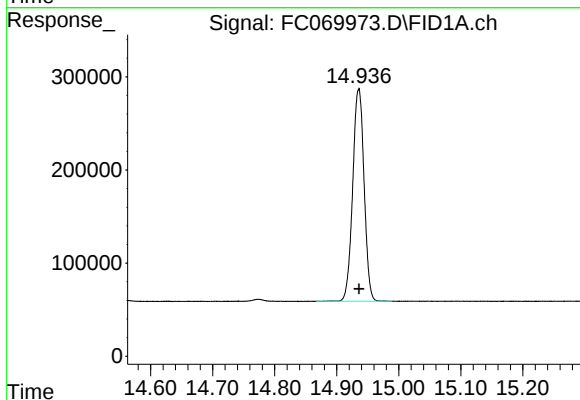
R.T.: 13.079 min
Delta R.T.: 0.000 min
Response: 2599094
Conc: 19.15 ug/ml



#13 n-Docosane (C22)

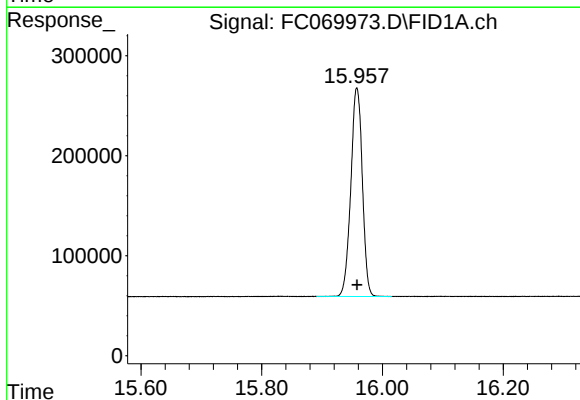
R.T.: 13.832 min
Delta R.T.: 0.001 min
Response: 3016772
Conc: 19.60 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



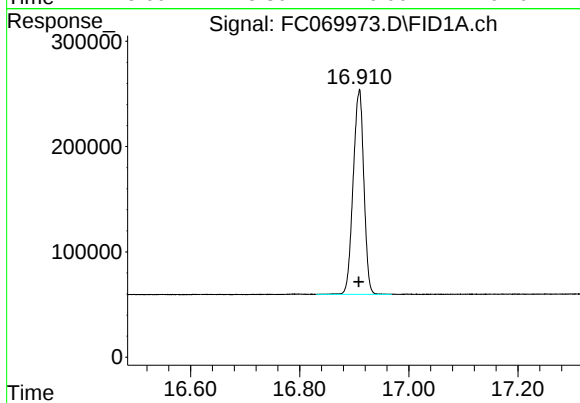
#14 n-Tetracosane (C24)

R.T.: 14.935 min
Delta R.T.: 0.000 min
Response: 2908656
Conc: 19.18 ug/ml



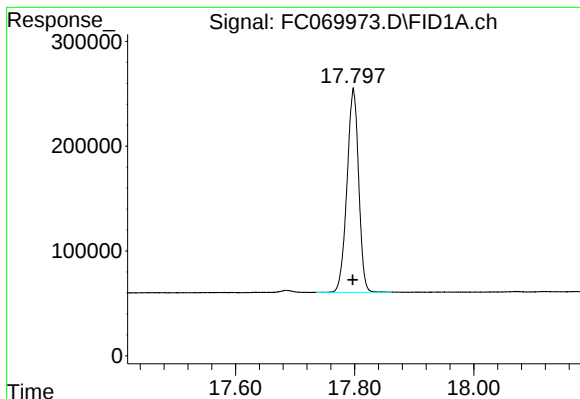
#15 n-Hexacosane (C26)

R.T.: 15.958 min
Delta R.T.: 0.000 min
Response: 2761690
Conc: 19.08 ug/ml



#16 n-Octacosane (C28)

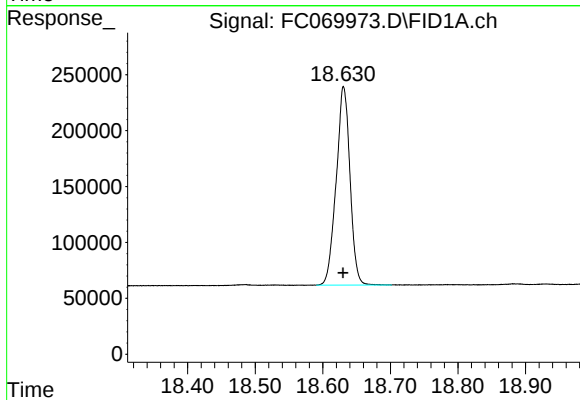
R.T.: 16.909 min
Delta R.T.: 0.000 min
Response: 2640332
Conc: 19.09 ug/ml



#17 n-Tricontane (C30)

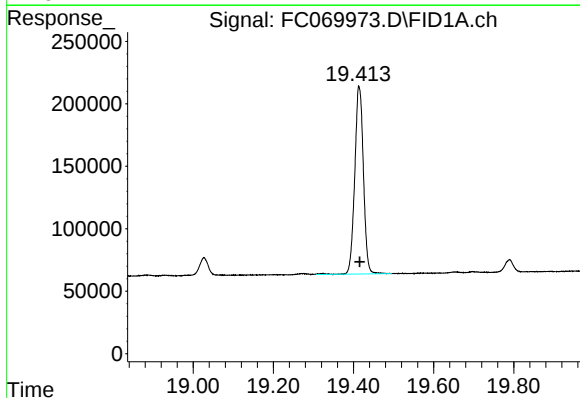
R.T.: 17.798 min
Delta R.T.: 0.000 min
Response: 2641316
Conc: 19.35 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



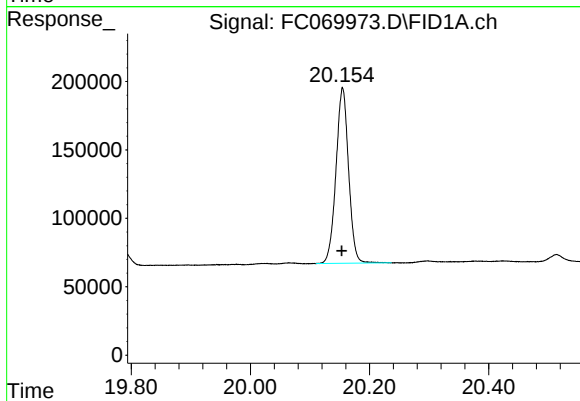
#18 n-Dotriacontane (C32)

R.T.: 18.631 min
Delta R.T.: 0.000 min
Response: 2518306
Conc: 19.53 ug/ml



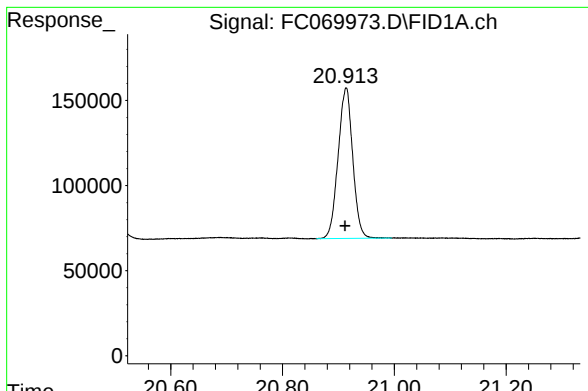
#19 n-Tetratriacontane (C34)

R.T.: 19.414 min
Delta R.T.: 0.000 min
Response: 2249482
Conc: 19.72 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.155 min
Delta R.T.: 0.001 min
Response: 1877573
Conc: 19.41 ug/ml



#21 n-Octatriacontane (C38)

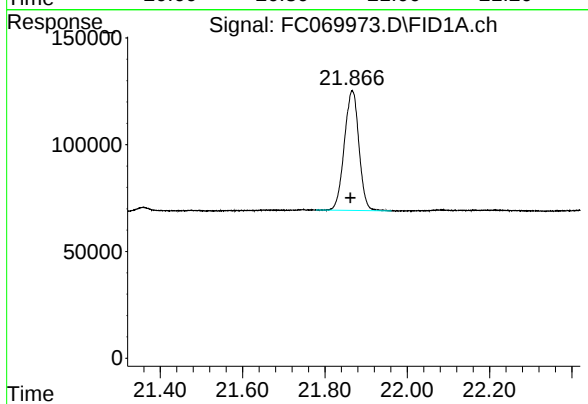
R.T.: 20.914 min
Delta R.T.: 0.002 min
Response: 1605187
Conc: 18.42 ug/ml

Instrument :

FID_C

ClientSampleId :

20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.866 min
Delta R.T.: 0.005 min
Response: 1380340
Conc: 16.80 ug/ml