

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC100125AL\
 Data File : FC069874.D
 Signal(s) : FID1A.ch
 Acq On : 30 Sep 2025 09:04
 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: Sep 30 12:21:48 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 092325.M
 Quant Title : GC Extractables
 QLast Update : Tue Sep 23 14:56:40 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)	11.646	3635593	19.411 ug/ml
Spiked Amount 50.000		Recovery =	38.82%
12) S 1-chlorooctadecane (S...	13.080	2874748	18.204 ug/ml
Spiked Amount 50.000		Recovery =	36.41%
Target Compounds			
1) T n-Nonane (C9)	3.384	2624136	20.470 ug/ml
2) T n-Decane (C10)	4.456	2809271	21.142 ug/ml
3) T A~Naphthalene (C11.7)	6.049	3136977	21.132 ug/ml
4) T n-Dodecane (C12)	6.478	3000808	21.512 ug/ml
5) T A~2-methylnaphthalene...	7.107	3132111	21.214 ug/ml
6) T n-Tetradecane (C14)	8.276	3133341	21.126 ug/ml
7) T n-Hexadecane (C16)	9.880	3355663	20.334 ug/ml
8) T n-Octadecane (C18)	11.323	3458217	19.404 ug/ml
10) T n-Eicosane (C20)	12.634	3327993	18.477 ug/ml
11) T n-Heneicosane (C21)	13.246	3271762	18.145 ug/ml
13) T n-Docosane (C22)	13.833	3258543	17.936 ug/ml
14) T n-Tetracosane (C24)	14.937	3253295	17.681 ug/ml
15) T n-Hexacosane (C26)	15.960	3172605	17.474 ug/ml
16) T n-Octacosane (C28)	16.908	3122494	17.688 ug/ml
17) T n-Tricontane (C30)	17.799	3239182	18.506 ug/ml
18) T n-Dotriacontane (C32)	18.631	3155979	19.507 ug/ml
19) T n-Tetratriacontane (C34)	19.415	2740926	19.613 ug/ml
20) T n-Hexatriacontane (C36)	20.155	2194139	19.434 ug/ml
21) T n-Octatriacontane (C38)	20.912	1872338	19.409 ug/ml
22) T n-Tetracontane (C40)	21.863	1667188	19.357 ug/ml

(f)=RT Delta > 1/2 Window

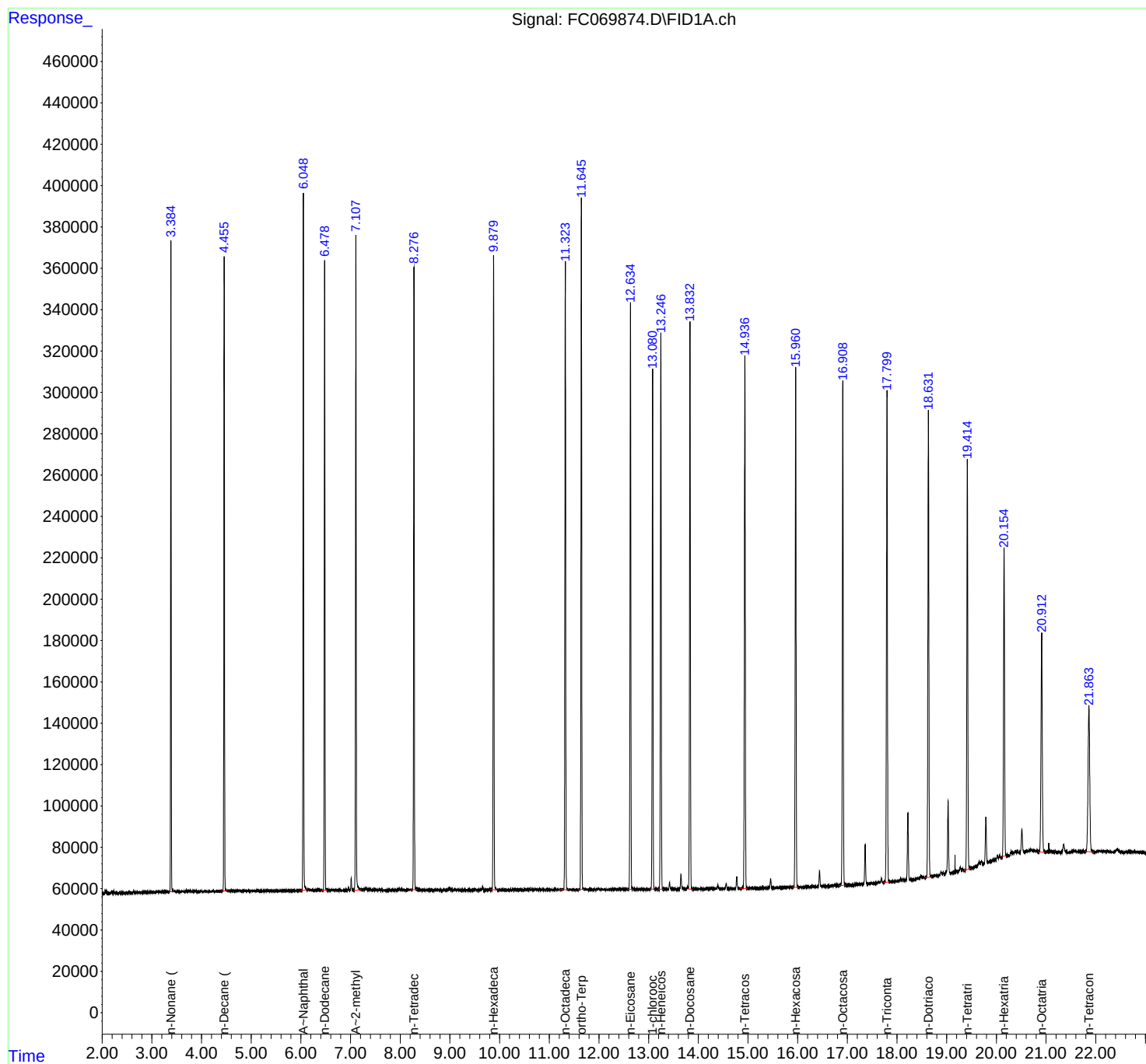
(m)=manual int.

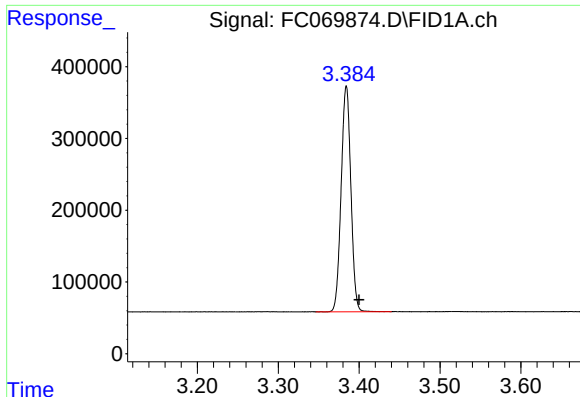
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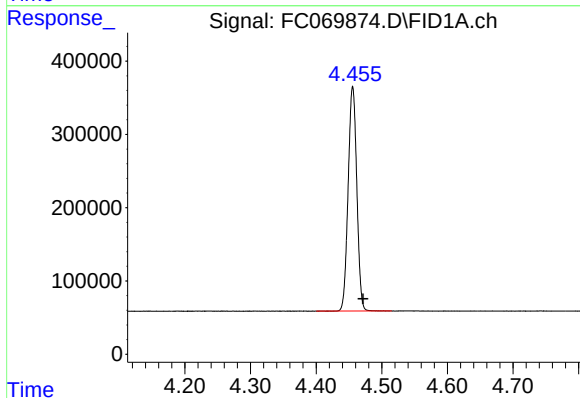




#1 n-Nonane (C9)

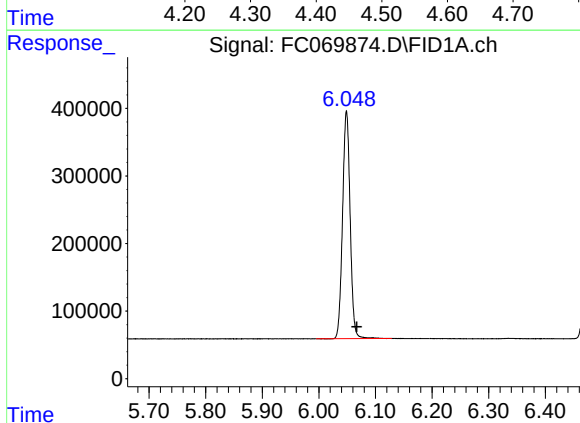
R.T.: 3.384 min
Delta R.T.: -0.016 min
Response: 2624136
Conc: 20.47 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



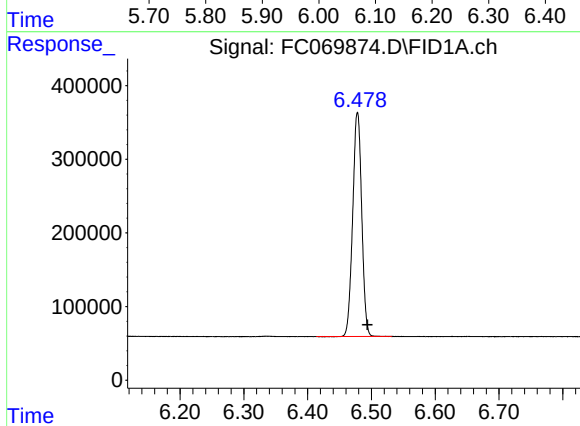
#2 n-Decane (C10)

R.T.: 4.456 min
Delta R.T.: -0.016 min
Response: 2809271
Conc: 21.14 ug/ml



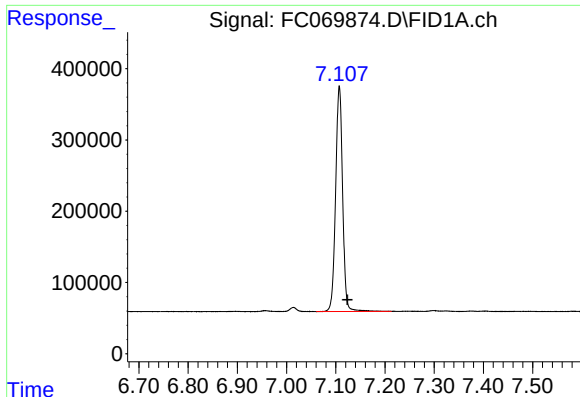
#3 A~Naphthalene (C11.7)

R.T.: 6.049 min
Delta R.T.: -0.018 min
Response: 3136977
Conc: 21.13 ug/ml



#4 n-Dodecane (C12)

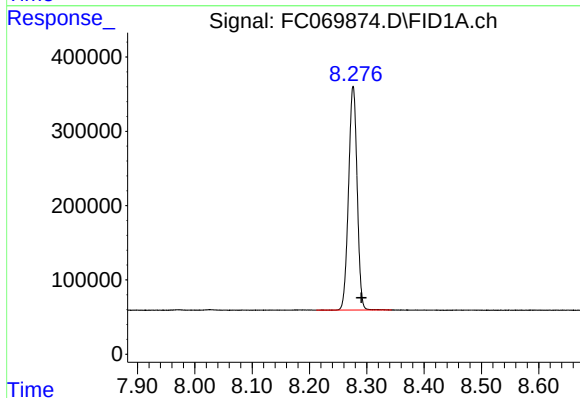
R.T.: 6.478 min
Delta R.T.: -0.016 min
Response: 3000808
Conc: 21.51 ug/ml



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

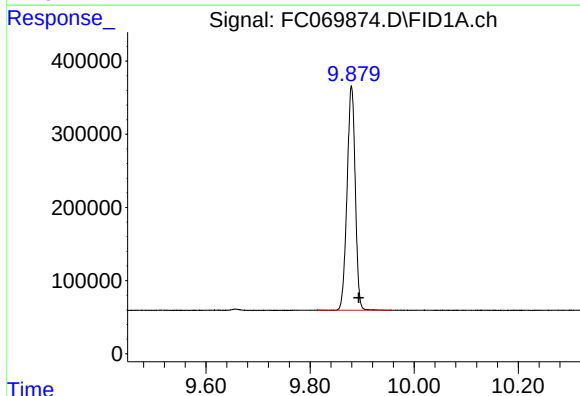
R.T.: 7.107 min
Delta R.T.: -0.016 min
Response: 3132111
Conc: 21.21 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



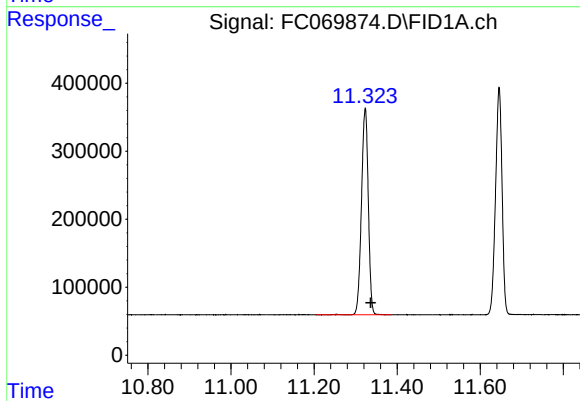
#6 n-Tetradecane (C14)

R.T.: 8.276 min
Delta R.T.: -0.014 min
Response: 3133341
Conc: 21.13 ug/ml



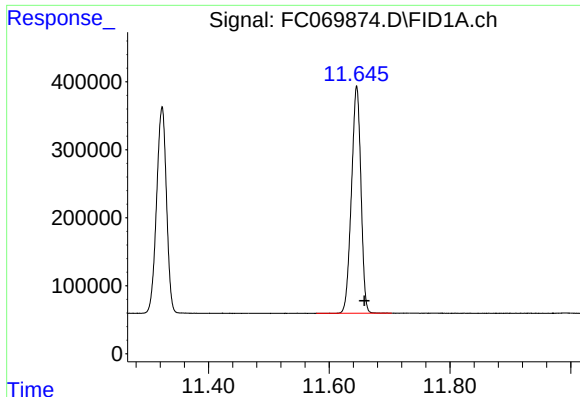
#7 n-Hexadecane (C16)

R.T.: 9.880 min
Delta R.T.: -0.014 min
Response: 3355663
Conc: 20.33 ug/ml



#8 n-Octadecane (C18)

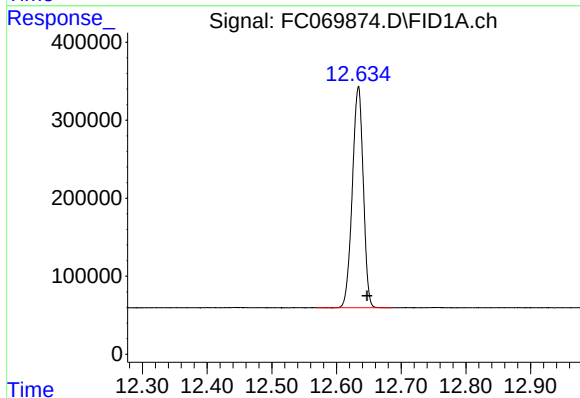
R.T.: 11.323 min
Delta R.T.: -0.013 min
Response: 3458217
Conc: 19.40 ug/ml



#9 ortho-Terphenyl (SURR)

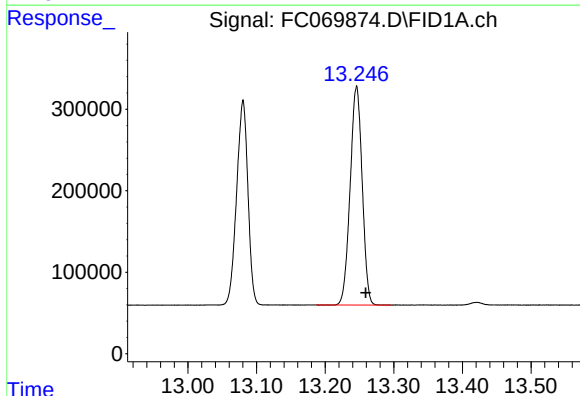
R.T.: 11.646 min
Delta R.T.: -0.013 min
Response: 3635593
Conc: 19.41 ug/ml

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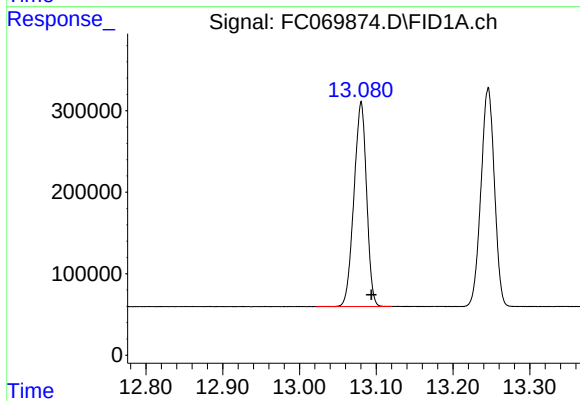
#10 n-Eicosane (C20)

R.T.: 12.634 min
Delta R.T.: -0.014 min
Response: 3327993
Conc: 18.48 ug/ml



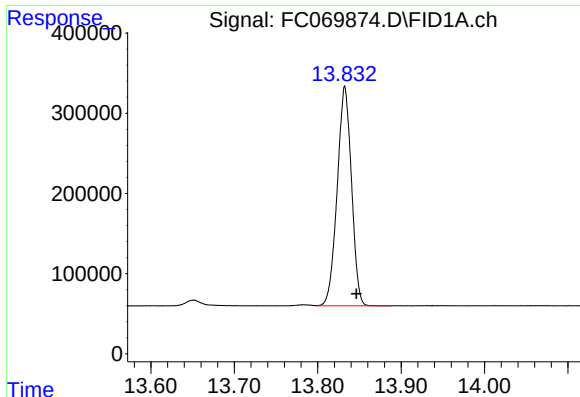
#11 n-Heneicosane (C21)

R.T.: 13.246 min
Delta R.T.: -0.014 min
Response: 3271762
Conc: 18.14 ug/ml



#12 1-chlorooctadecane (SURR)

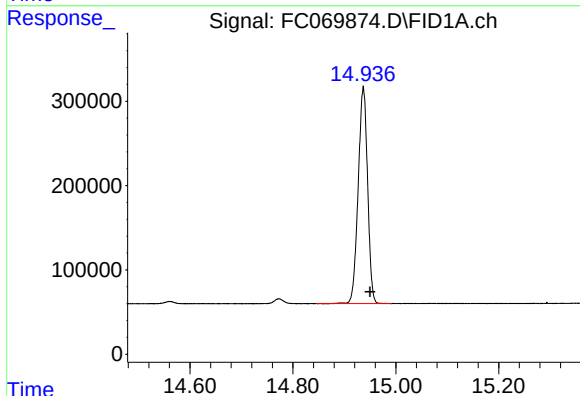
R.T.: 13.080 min
Delta R.T.: -0.013 min
Response: 2874748
Conc: 18.20 ug/ml



#13 n-Docosane (C22)

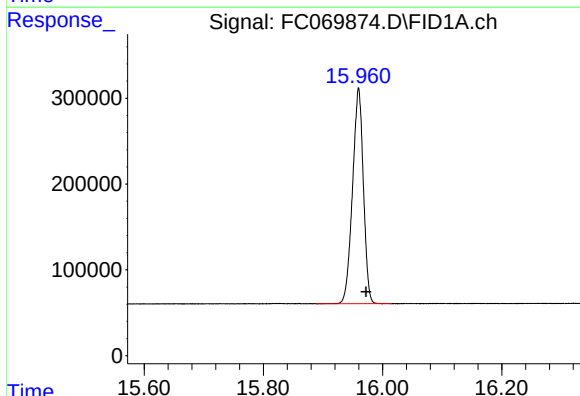
R.T.: 13.833 min
Delta R.T.: -0.014 min
Response: 3258543
Conc: 17.94 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



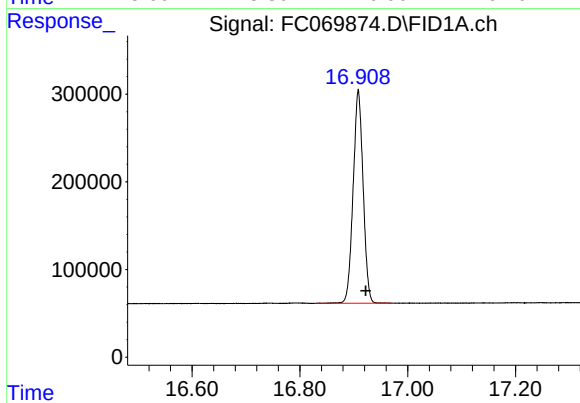
#14 n-Tetracosane (C24)

R.T.: 14.937 min
Delta R.T.: -0.014 min
Response: 3253295
Conc: 17.68 ug/ml



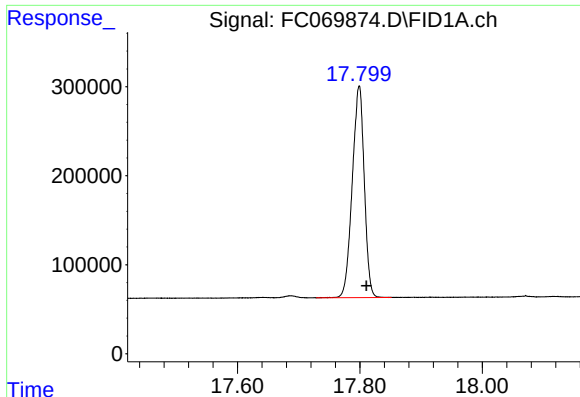
#15 n-Hexacosane (C26)

R.T.: 15.960 min
Delta R.T.: -0.013 min
Response: 3172605
Conc: 17.47 ug/ml



#16 n-Octacosane (C28)

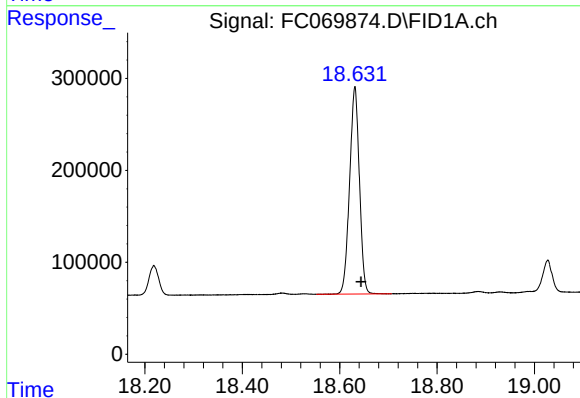
R.T.: 16.908 min
Delta R.T.: -0.014 min
Response: 3122494
Conc: 17.69 ug/ml



#17 n-Tricontane (C30)

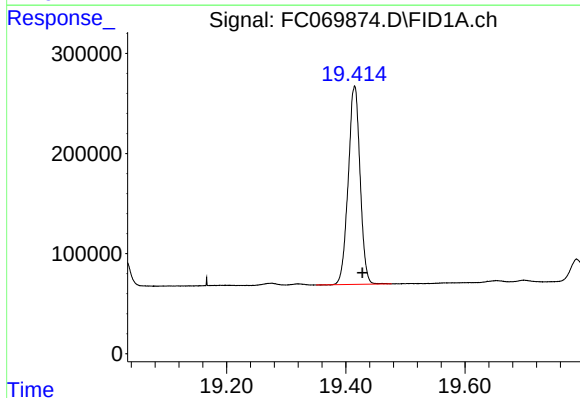
R.T.: 17.799 min
Delta R.T.: -0.012 min
Response: 3239182
Conc: 18.51 ug/ml

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20 PPM ALIPHATIC HC STD



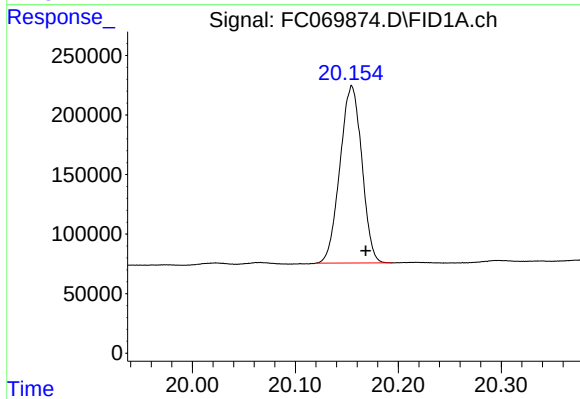
#18 n-Dotriacontane (C32)

R.T.: 18.631 min
Delta R.T.: -0.012 min
Response: 3155979
Conc: 19.51 ug/ml



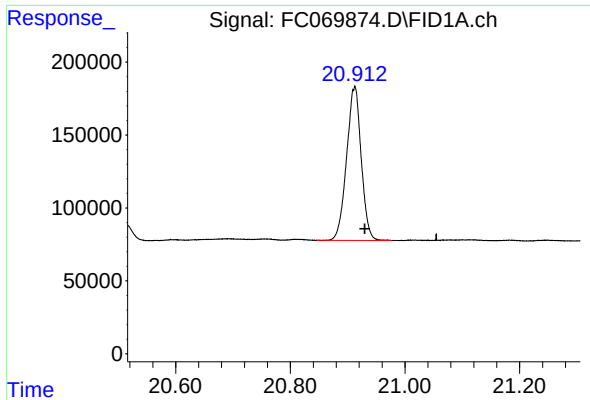
#19 n-Tetratriacontane (C34)

R.T.: 19.415 min
Delta R.T.: -0.013 min
Response: 2740926
Conc: 19.61 ug/ml



#20 n-Hexatriacontane (C36)

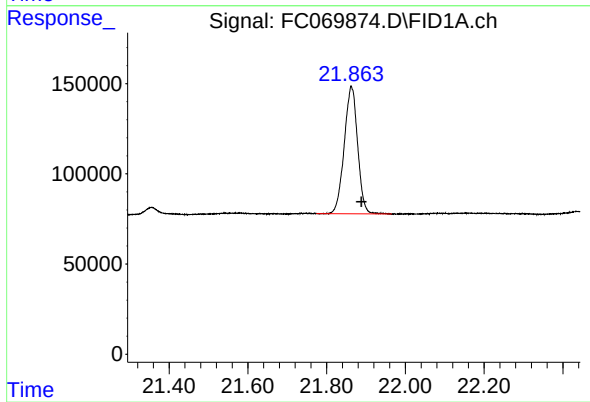
R.T.: 20.155 min
Delta R.T.: -0.014 min
Response: 2194139
Conc: 19.43 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.912 min
Delta R.T.: -0.018 min
Response: 1872338
Conc: 19.41 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.863 min
Delta R.T.: -0.025 min
Response: 1667188
Conc: 19.36 ug/ml