

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC100325AL\
 Data File : FC069924.D
 Signal(s) : FID1A.ch
 Acq On : 03 Oct 2025 00:28
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :

Integration File: sample.E
 Quant Time: Oct 03 07:41:35 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	4088249	21.827 ug/ml
Spiked Amount 50.000		Recovery =	43.65%
12) S 1-chlorooctadecane (S...	13.080	3165489	20.045 ug/ml
Spiked Amount 50.000		Recovery =	40.09%
Target Compounds			
1) T n-Nonane (C9)	3.386	2854510	22.267 ug/ml
2) T n-Decane (C10)	4.457	3350168	25.212 ug/ml
3) T A~Naphthalene (C11.7)	6.051	3810022	25.666 ug/ml
4) T n-Dodecane (C12)	6.480	3609161	25.873 ug/ml
5) T A~2-methylnaphthalene...	7.109	3817127	25.854 ug/ml
6) T n-Tetradecane (C14)	8.277	3759420	25.347 ug/ml
7) T n-Hexadecane (C16)	9.880	3943166	23.894 ug/ml
8) T n-Octadecane (C18)	11.323	3958590	22.212 ug/ml
10) T n-Eicosane (C20)	12.634	3738640	20.757 ug/ml
11) T n-Heneicosane (C21)	13.246	3596363	19.945 ug/ml
13) T n-Docosane (C22)	13.833	3707286	20.406 ug/ml
14) T n-Tetracosane (C24)	14.937	3738097	20.315 ug/ml
15) T n-Hexacosane (C26)	15.959	3606335	19.863 ug/ml
16) T n-Octacosane (C28)	16.909	3630648	20.567 ug/ml
17) T n-Tricontane (C30)	17.798	3961268	22.632 ug/ml
18) T n-Dotriacontane (C32)	18.630	4138843	25.582 ug/ml
19) T n-Tetratriacontane (C34)	19.414	3961521	28.347 ug/ml
20) T n-Hexatriacontane (C36)	20.154	3544578	31.396 ug/ml
21) T n-Octatriacontane (C38)	20.912	3592984	37.246 ug/ml
22) T n-Tetracontane (C40)	21.861	3961424	45.995 ug/ml

(f)=RT Delta > 1/2 Window

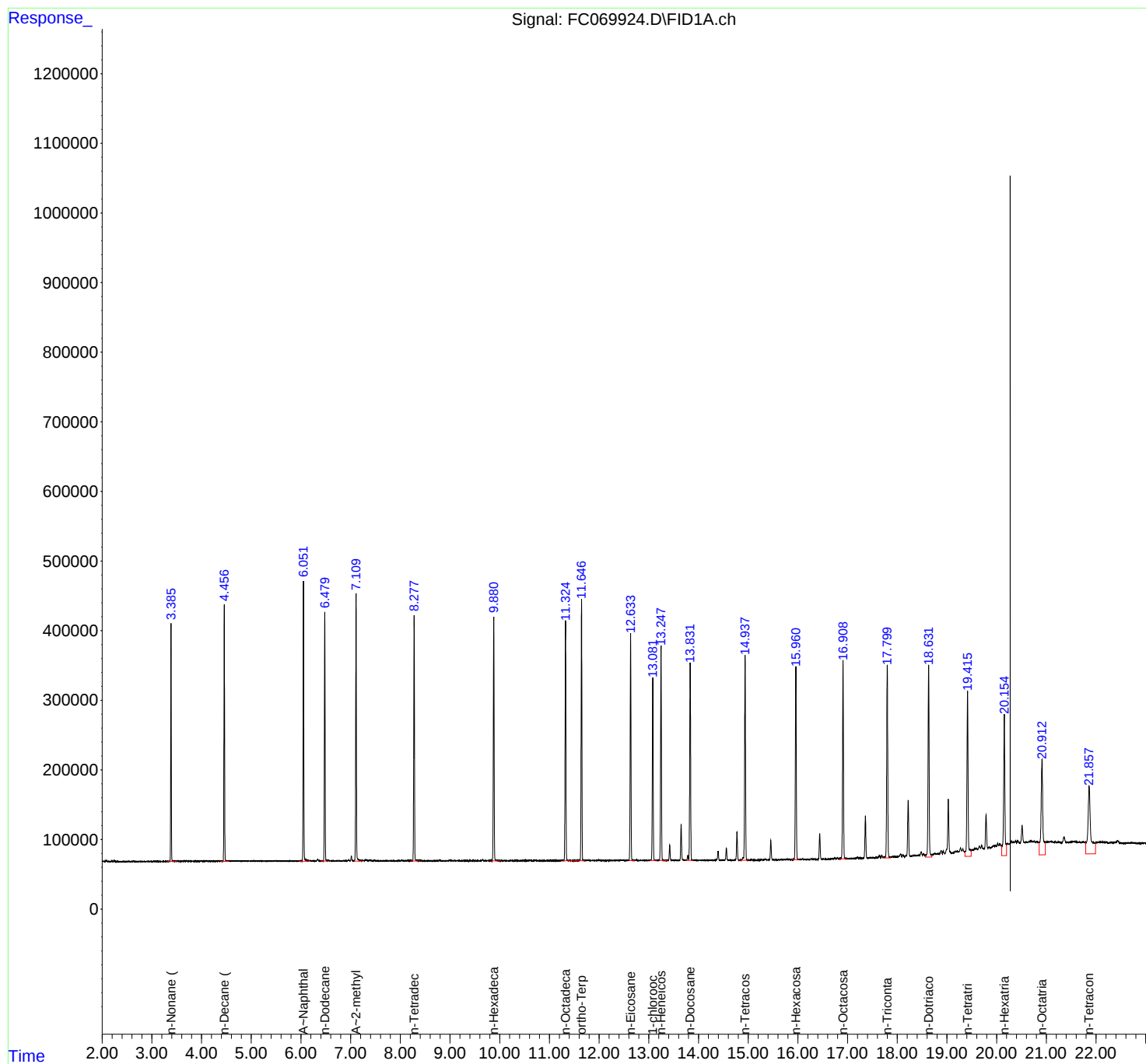
(m)=manual int.

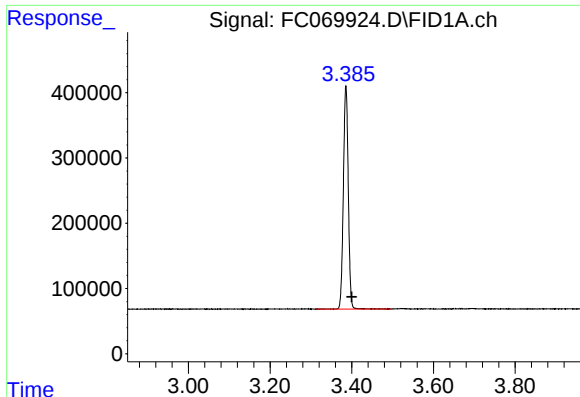
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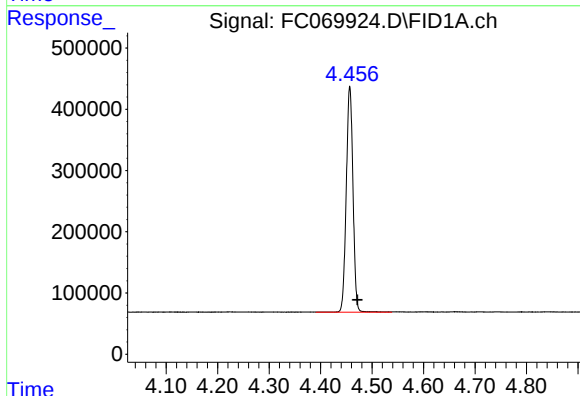




#1 n-Nonane (C9)

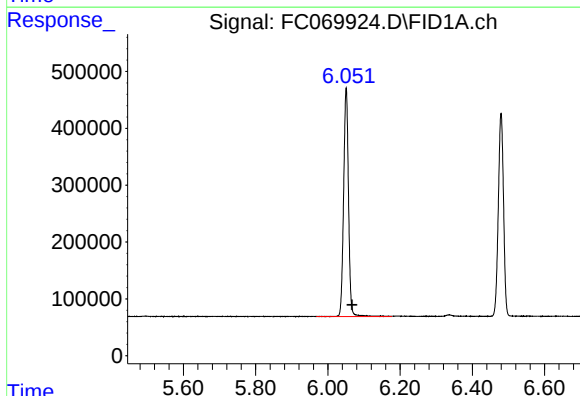
R.T.: 3.386 min
Delta R.T.: -0.014 min
Response: 2854510
Conc: 22.27 ug/ml

Instrument :
FID_F
ClientSampleId :



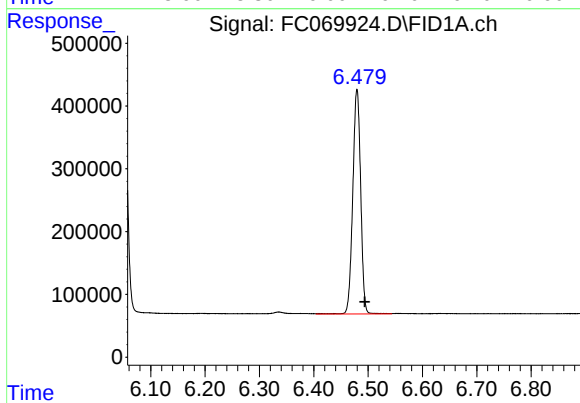
#2 n-Decane (C10)

R.T.: 4.457 min
Delta R.T.: -0.015 min
Response: 3350168
Conc: 25.21 ug/ml



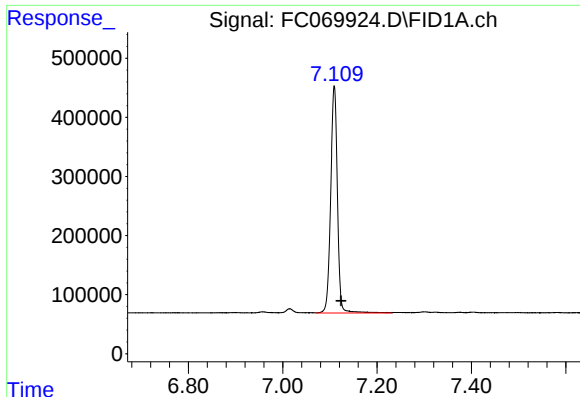
#3 A~Naphthalene (C11.7)

R.T.: 6.051 min
Delta R.T.: -0.016 min
Response: 3810022
Conc: 25.67 ug/ml



#4 n-Dodecane (C12)

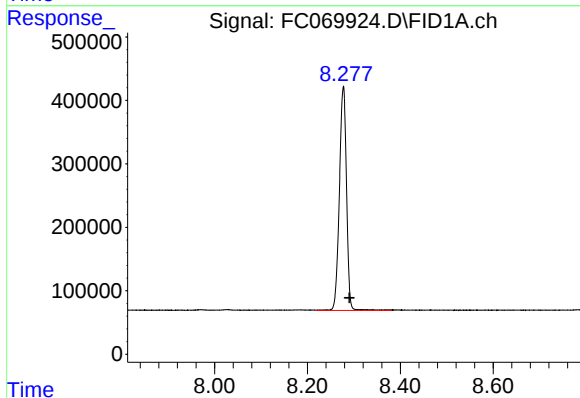
R.T.: 6.480 min
Delta R.T.: -0.014 min
Response: 3609161
Conc: 25.87 ug/ml



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

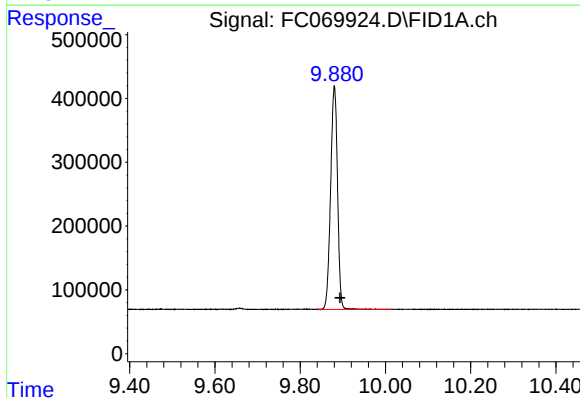
R.T.: 7.109 min
Delta R.T.: -0.014 min
Response: 3817127
Conc: 25.85 ug/ml

Instrument :
FID_F
ClientSampleId :



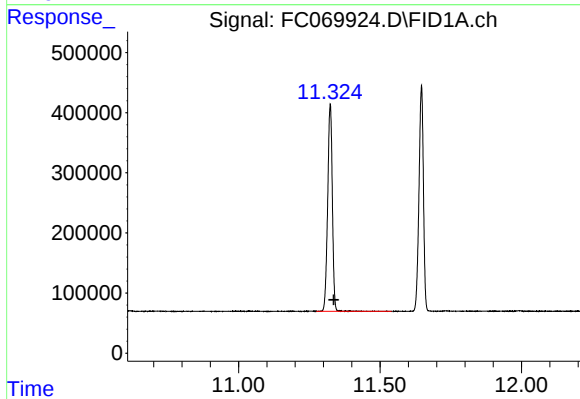
#6 n-Tetradecane (C14)

R.T.: 8.277 min
Delta R.T.: -0.014 min
Response: 3759420
Conc: 25.35 ug/ml



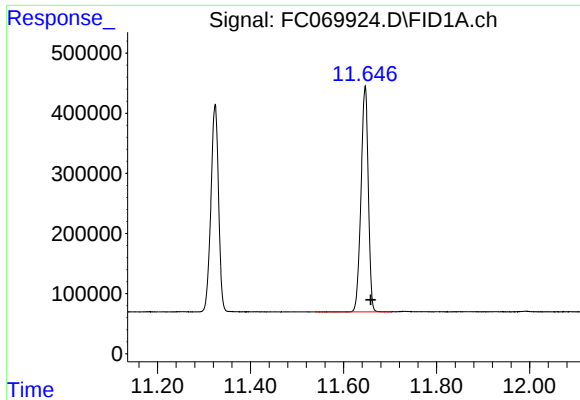
#7 n-Hexadecane (C16)

R.T.: 9.880 min
Delta R.T.: -0.014 min
Response: 3943166
Conc: 23.89 ug/ml



#8 n-Octadecane (C18)

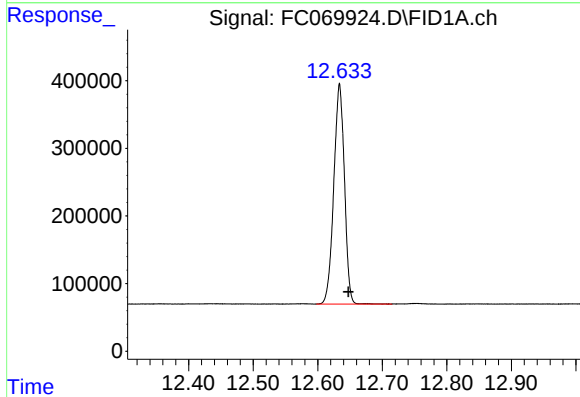
R.T.: 11.323 min
Delta R.T.: -0.013 min
Response: 3958590
Conc: 22.21 ug/ml



#9 ortho-Terphenyl (SURR)

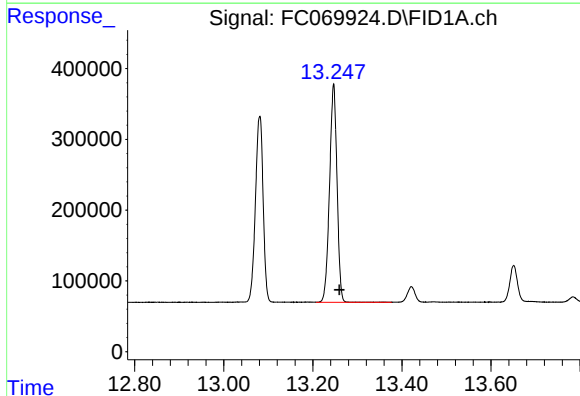
R.T.: 11.646 min
Delta R.T.: -0.013 min
Response: 4088249
Conc: 21.83 ug/ml

Instrument :
FID_F
ClientSampleId :



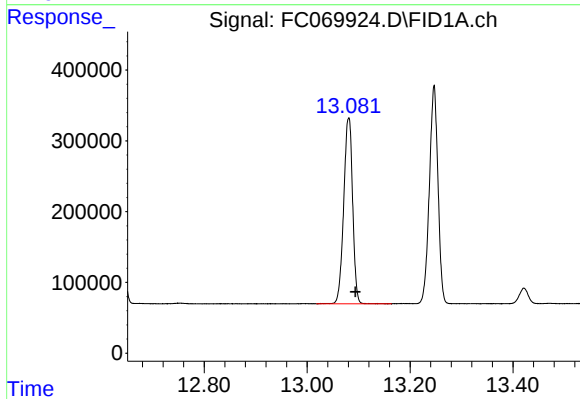
#10 n-Eicosane (C20)

R.T.: 12.634 min
Delta R.T.: -0.014 min
Response: 3738640
Conc: 20.76 ug/ml



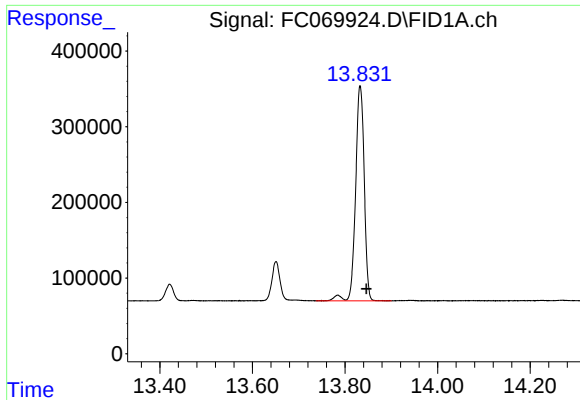
#11 n-Heneicosane (C21)

R.T.: 13.246 min
Delta R.T.: -0.013 min
Response: 3596363
Conc: 19.94 ug/ml



#12 1-chlorooctadecane (SURR)

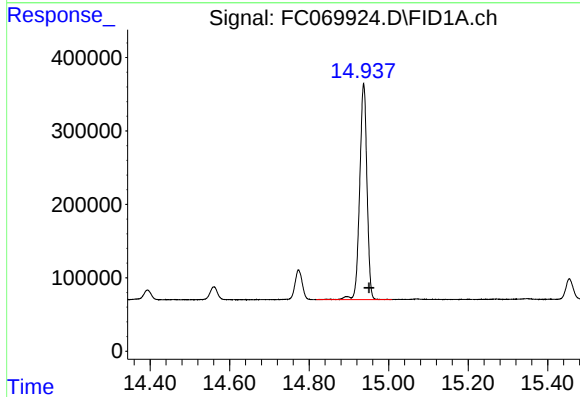
R.T.: 13.080 min
Delta R.T.: -0.013 min
Response: 3165489
Conc: 20.05 ug/ml



#13 n-Docosane (C22)

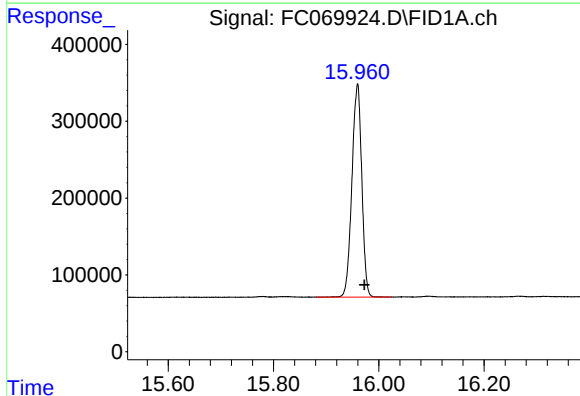
R.T.: 13.833 min
Delta R.T.: -0.014 min
Response: 3707286
Conc: 20.41 ug/ml

Instrument :
FID_F
ClientSampleId :



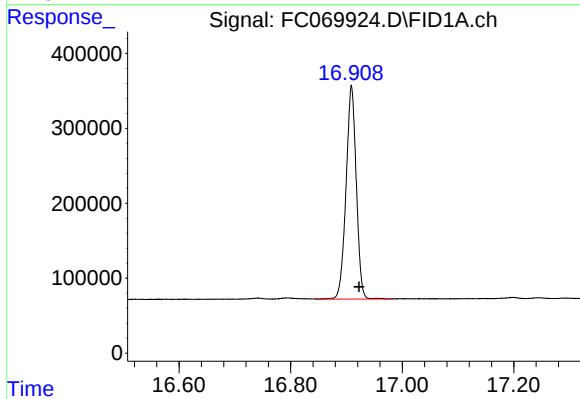
#14 n-Tetracosane (C24)

R.T.: 14.937 min
Delta R.T.: -0.014 min
Response: 3738097
Conc: 20.32 ug/ml



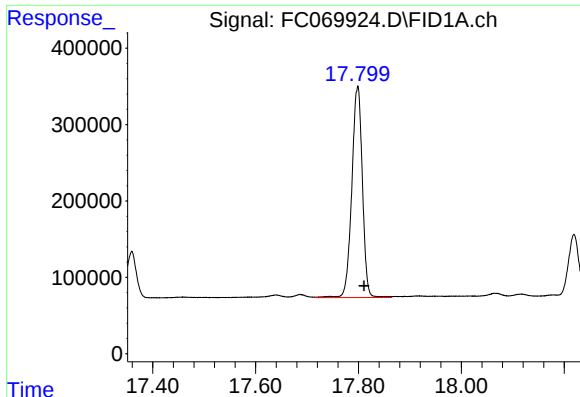
#15 n-Hexacosane (C26)

R.T.: 15.959 min
Delta R.T.: -0.013 min
Response: 3606335
Conc: 19.86 ug/ml



#16 n-Octacosane (C28)

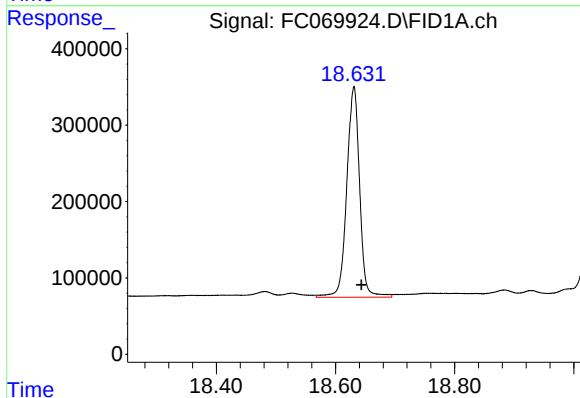
R.T.: 16.909 min
Delta R.T.: -0.014 min
Response: 3630648
Conc: 20.57 ug/ml



#17 n-Tricontane (C30)

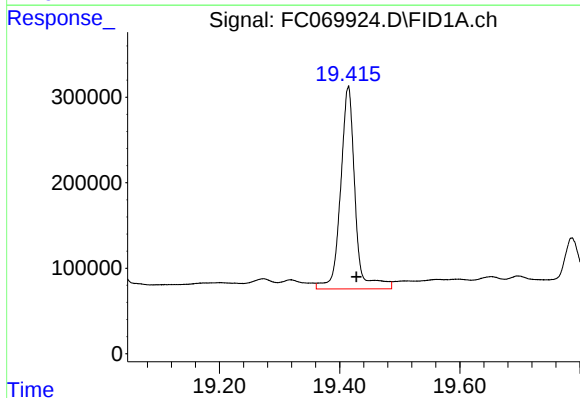
R.T.: 17.798 min
Delta R.T.: -0.013 min
Response: 3961268
Conc: 22.63 ug/ml

Instrument :
FID_F
ClientSampleId :



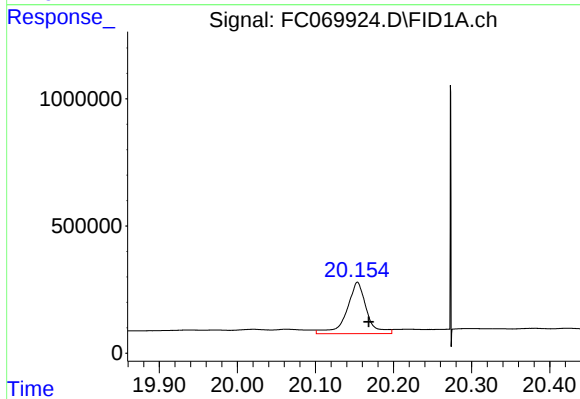
#18 n-Dotriacontane (C32)

R.T.: 18.630 min
Delta R.T.: -0.013 min
Response: 4138843
Conc: 25.58 ug/ml



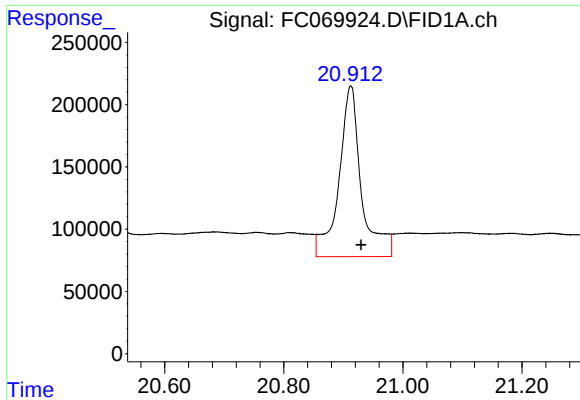
#19 n-Tetratriacontane (C34)

R.T.: 19.414 min
Delta R.T.: -0.014 min
Response: 3961521
Conc: 28.35 ug/ml



#20 n-Hexatriacontane (C36)

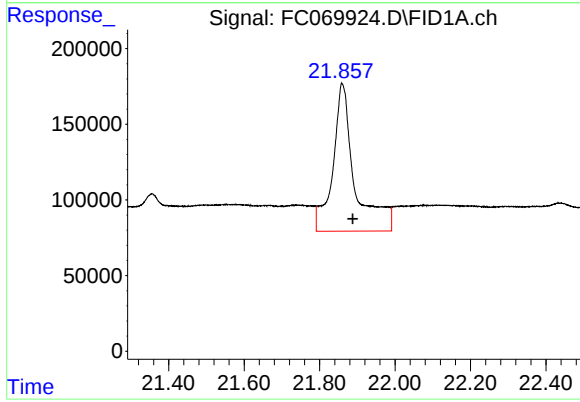
R.T.: 20.154 min
Delta R.T.: -0.015 min
Response: 3544578
Conc: 31.40 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.912 min
Delta R.T.: -0.018 min
Response: 3592984
Conc: 37.25 ug/ml

Instrument :
FID_F
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.861 min
Delta R.T.: -0.027 min
Response: 3961424
Conc: 45.99 ug/ml