

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC043024AL\
 Data File : FC066273.D
 Signal(s) : FID1A.ch
 Acq On : 01 May 2024 00:03
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: May 01 03:08:50 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 041524.M
 Quant Title : GC Extractables
 QLast Update : Tue Apr 16 08:19:15 2024
 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)	11.564	2773255	20.083 ug/ml
Spiked Amount 50.000		Recovery =	40.17%
12) S 1-chlorooctadecane (S...	13.003	2080744	21.205 ug/ml
Spiked Amount 50.000		Recovery =	42.41%
Target Compounds			
1) T n-Nonane (C9)	3.317	2409669	18.718 ug/ml
2) T n-Decane (C10)	4.387	2560763	19.639 ug/ml
3) T A~Naphthalene (C11.7)	5.970	2814593	19.624 ug/ml
4) T n-Dodecane (C12)	6.408	2540558	19.621 ug/ml
5) T A~2-methylnaphthalene...	7.027	2710767	19.686 ug/ml
6) T n-Tetradecane (C14)	8.204	2479479	19.699 ug/ml
7) T n-Hexadecane (C16)	9.806	2536940	19.917 ug/ml
8) T n-Octadecane (C18)	11.249	2560206	20.114 ug/ml
10) T n-Eicosane (C20)	12.559	2443586	20.277 ug/ml
11) T n-Heneicosane (C21)	13.172	2402643	20.306 ug/ml
13) T n-Docosane (C22)	13.759	2408896	20.520 ug/ml
14) T n-Tetracosane (C24)	14.862	2437547	20.892 ug/ml
15) T n-Hexacosane (C26)	15.883	2417961	21.033 ug/ml
16) T n-Octacosane (C28)	16.834	2460125	21.708 ug/ml
17) T n-Tricontane (C30)	17.721	2631185	22.713 ug/ml
18) T n-Dotriacontane (C32)	18.554	2680480	23.347 ug/ml
19) T n-Tetratriacontane (C34)	19.339	2535663	23.089 ug/ml
20) T n-Hexatriacontane (C36)	20.078	2393242	23.186 ug/ml
21) T n-Octatriacontane (C38)	20.815	2425932	24.886 ug/ml
22) T n-Tetracontane (C40)	21.726	2458744	27.172 ug/ml

(f)=RT Delta > 1/2 Window

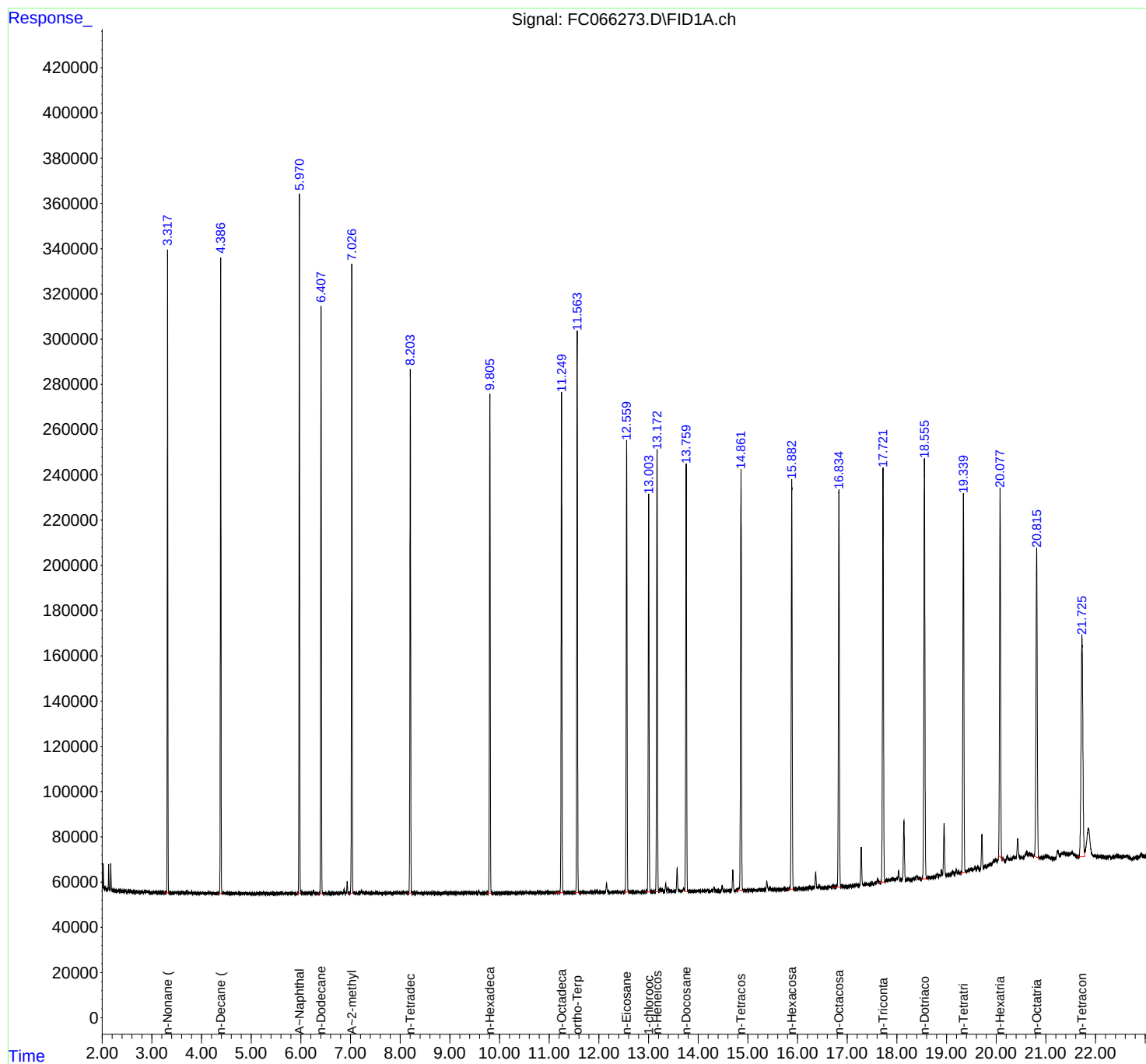
(m)=manual int.

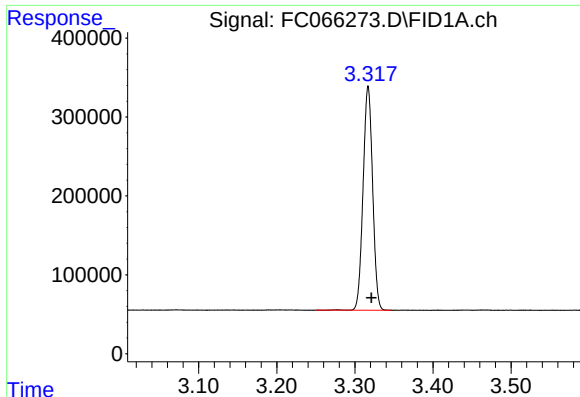
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC043024AL\
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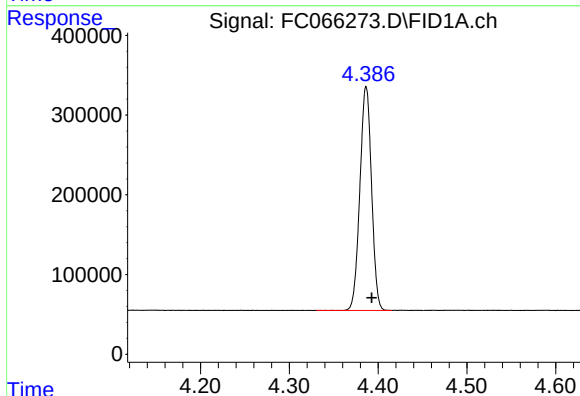




#1 n-Nonane (C9)

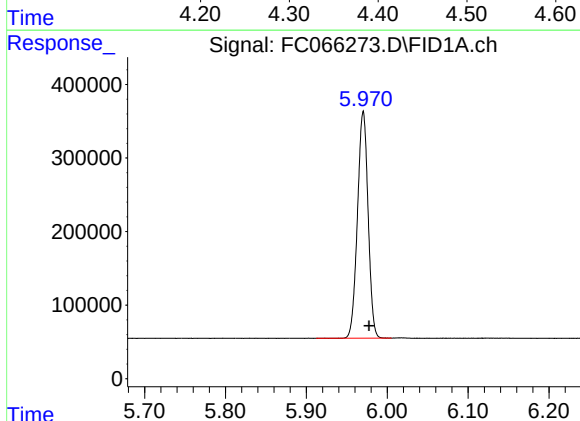
R.T.: 3.317 min
Delta R.T.: -0.004 min
Response: 2409669
Conc: 18.72 ug/ml

Instrument :
FID_C
ClientSampleId :



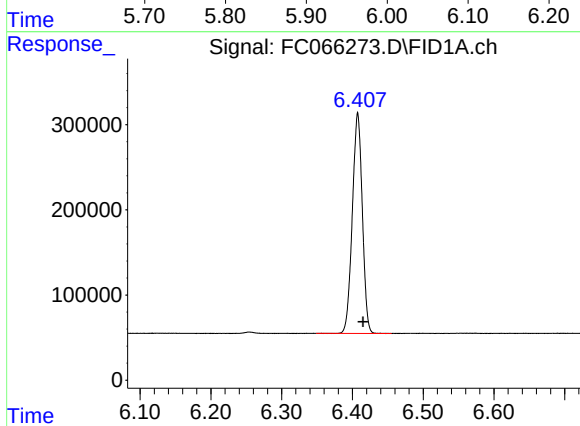
#2 n-Decane (C10)

R.T.: 4.387 min
Delta R.T.: -0.006 min
Response: 2560763
Conc: 19.64 ug/ml



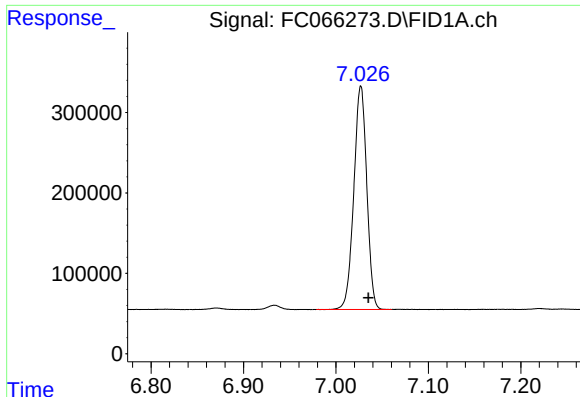
#3 A~Naphthalene (C11.7)

R.T.: 5.970 min
Delta R.T.: -0.007 min
Response: 2814593
Conc: 19.62 ug/ml



#4 n-Dodecane (C12)

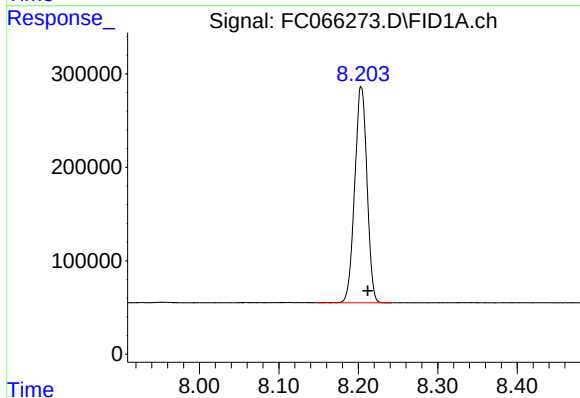
R.T.: 6.408 min
Delta R.T.: -0.007 min
Response: 2540558
Conc: 19.62 ug/ml



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

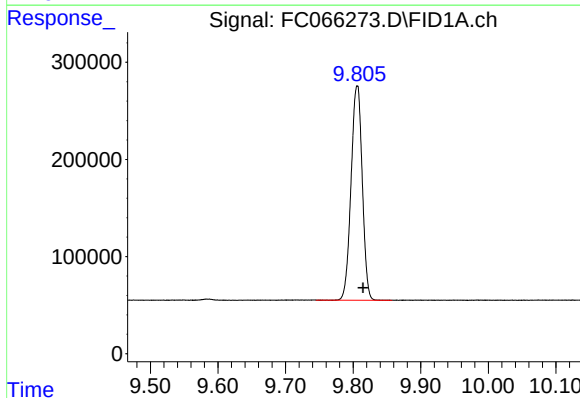
R.T.: 7.027 min
Delta R.T.: -0.008 min
Response: 2710767
Conc: 19.69 ug/ml

Instrument :
FID_C
ClientSampleId :



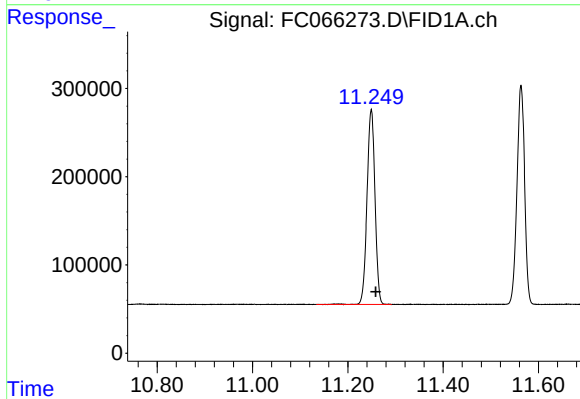
#6 n-Tetradecane (C14)

R.T.: 8.204 min
Delta R.T.: -0.008 min
Response: 2479479
Conc: 19.70 ug/ml



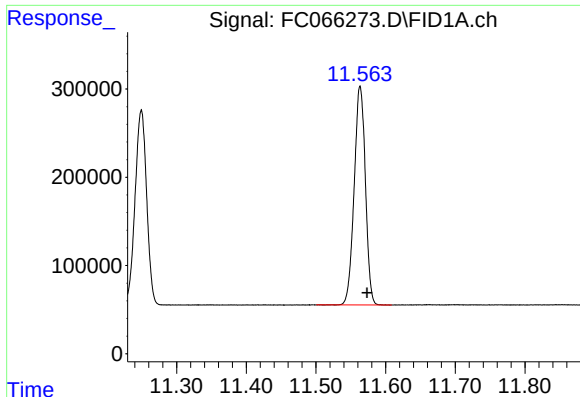
#7 n-Hexadecane (C16)

R.T.: 9.806 min
Delta R.T.: -0.009 min
Response: 2536940
Conc: 19.92 ug/ml



#8 n-Octadecane (C18)

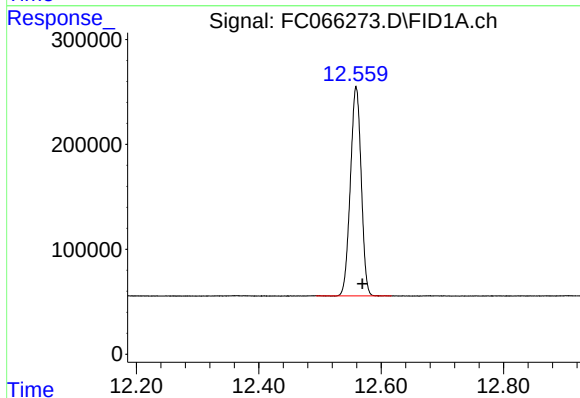
R.T.: 11.249 min
Delta R.T.: -0.009 min
Response: 2560206
Conc: 20.11 ug/ml



#9 ortho-Terphenyl (SURR)

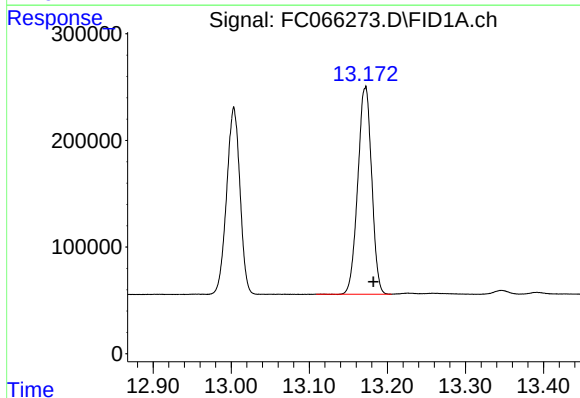
R.T.: 11.564 min
Delta R.T.: -0.010 min
Response: 2773255
Conc: 20.08 ug/ml

Instrument :
FID_C
ClientSampleId :



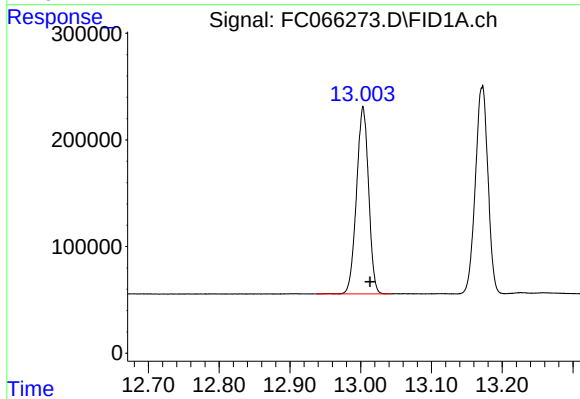
#10 n-Eicosane (C20)

R.T.: 12.559 min
Delta R.T.: -0.010 min
Response: 2443586
Conc: 20.28 ug/ml



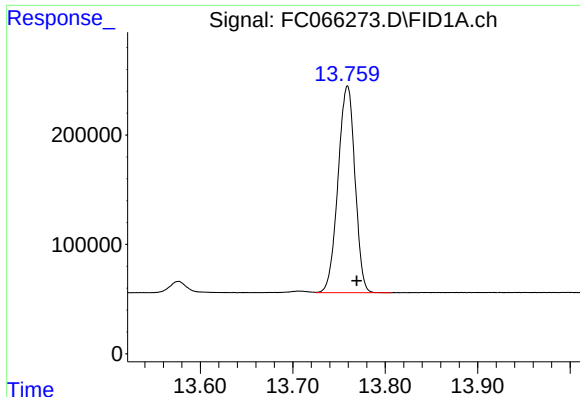
#11 n-Heneicosane (C21)

R.T.: 13.172 min
Delta R.T.: -0.011 min
Response: 2402643
Conc: 20.31 ug/ml



#12 1-chlorooctadecane (SURR)

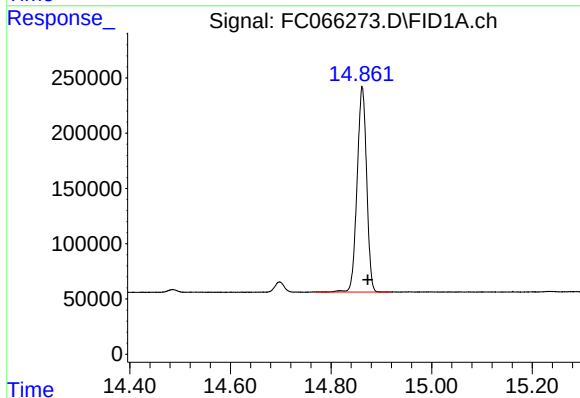
R.T.: 13.003 min
Delta R.T.: -0.010 min
Response: 2080744
Conc: 21.21 ug/ml



#13 n-Docosane (C22)

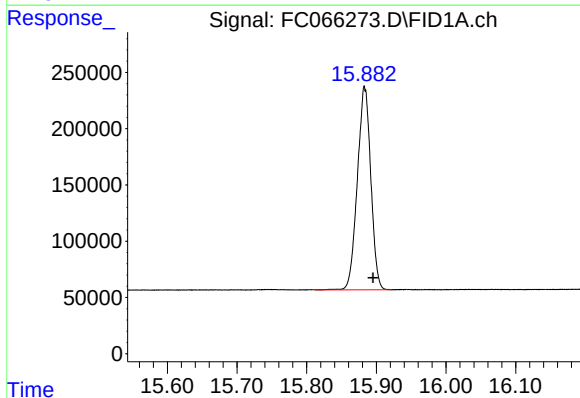
R.T.: 13.759 min
Delta R.T.: -0.010 min
Response: 2408896
Conc: 20.52 ug/ml

Instrument :
FID_C
ClientSampleId :



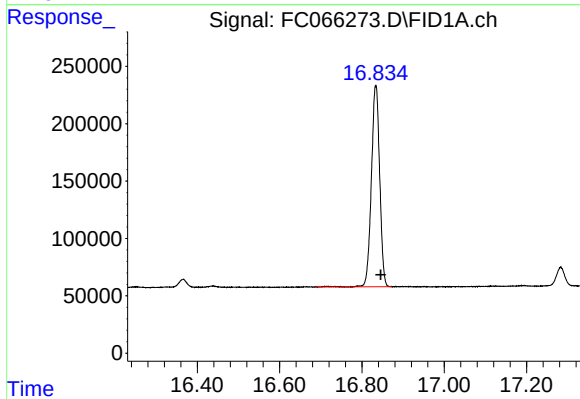
#14 n-Tetracosane (C24)

R.T.: 14.862 min
Delta R.T.: -0.011 min
Response: 2437547
Conc: 20.89 ug/ml



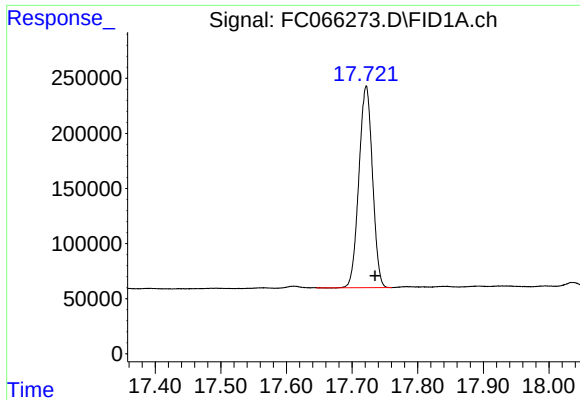
#15 n-Hexacosane (C26)

R.T.: 15.883 min
Delta R.T.: -0.012 min
Response: 2417961
Conc: 21.03 ug/ml



#16 n-Octacosane (C28)

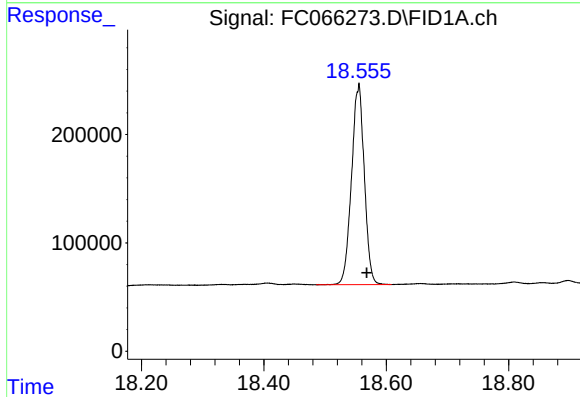
R.T.: 16.834 min
Delta R.T.: -0.012 min
Response: 2460125
Conc: 21.71 ug/ml



#17 n-Tricontane (C30)

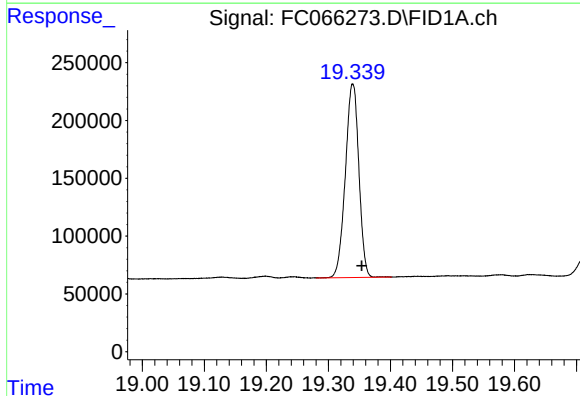
R.T.: 17.721 min
Delta R.T.: -0.013 min
Response: 2631185
Conc: 22.71 ug/ml

Instrument :
FID_C
ClientSampleId :



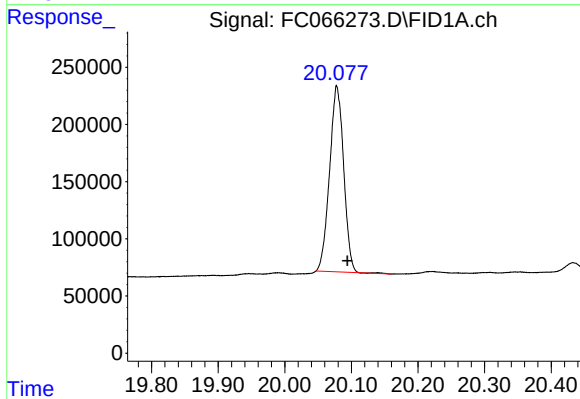
#18 n-Dotriacontane (C32)

R.T.: 18.554 min
Delta R.T.: -0.014 min
Response: 2680480
Conc: 23.35 ug/ml



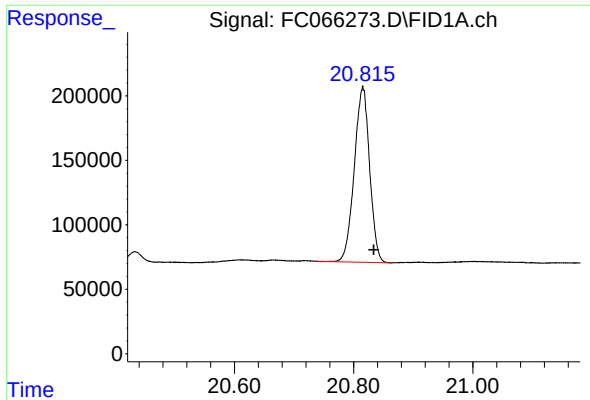
#19 n-Tetratriacontane (C34)

R.T.: 19.339 min
Delta R.T.: -0.015 min
Response: 2535663
Conc: 23.09 ug/ml



#20 n-Hexatriacontane (C36)

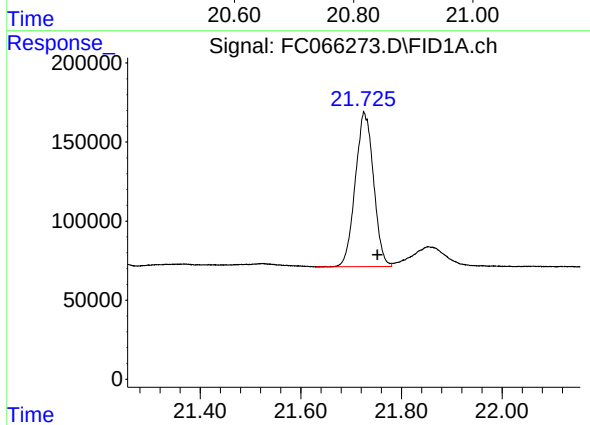
R.T.: 20.078 min
Delta R.T.: -0.015 min
Response: 2393242
Conc: 23.19 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.815 min
Delta R.T.: -0.019 min
Response: 2425932
Conc: 24.89 ug/ml

Instrument :
FID_C
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.726 min
Delta R.T.: -0.026 min
Response: 2458744
Conc: 27.17 ug/ml