

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC102823AL\
 Data File : FC064944.D
 Signal(s) : FID1A.ch
 Acq On : 27 Oct 2023 22:37
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Oct 28 02:16:46 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 102823.M
 Quant Title : GC Extractables
 QLast Update : Sat Oct 28 02:12:00 2023
 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)	11.522	4550163	20.675 ug/ml
Spiked Amount 50.000		Recovery =	41.35%
12) S 1-chlorooctadecane (S...	12.953	3289822	20.811 ug/ml
Spiked Amount 50.000		Recovery =	41.62%
Target Compounds			
1) T n-Nonane (C9)	3.322	3901054	20.633 ug/ml
2) T n-Decane (C10)	4.382	3927676	20.656 ug/ml
3) T A~Naphthalene (C11.7)	5.962	4067413	21.066 ug/ml
4) T n-Dodecane (C12)	6.391	3996560	20.689 ug/ml
5) T A~2-methylnaphthalene...	7.015	3868565	21.052 ug/ml
6) T n-Tetradecane (C14)	8.179	3910768	20.726 ug/ml
7) T n-Hexadecane (C16)	9.773	3925594	20.768 ug/ml
8) T n-Octadecane (C18)	11.208	3927107	20.808 ug/ml
10) T n-Eicosane (C20)	12.513	3737560	20.790 ug/ml
11) T n-Heneicosane (C21)	13.120	3644651	20.759 ug/ml
13) T n-Docosane (C22)	13.705	3578833	20.835 ug/ml
14) T n-Tetracosane (C24)	14.801	3486337	20.932 ug/ml
15) T n-Hexacosane (C26)	15.817	3348650	20.863 ug/ml
16) T n-Octacosane (C28)	16.762	3271849	20.906 ug/ml
17) T n-Tricontane (C30)	17.647	3304144	20.860 ug/ml
18) T n-Dotriacontane (C32)	18.475	3283169	20.793 ug/ml
19) T n-Tetratriacontane (C34)	19.256	3160432	20.705 ug/ml
20) T n-Hexatriacontane (C36)	19.992	3100007	20.546 ug/ml
21) T n-Octatriacontane (C38)	20.714	3045792	20.467 ug/ml
22) T n-Tetracontane (C40)	21.592	3012696	20.483 ug/ml

(f)=RT Delta > 1/2 Window

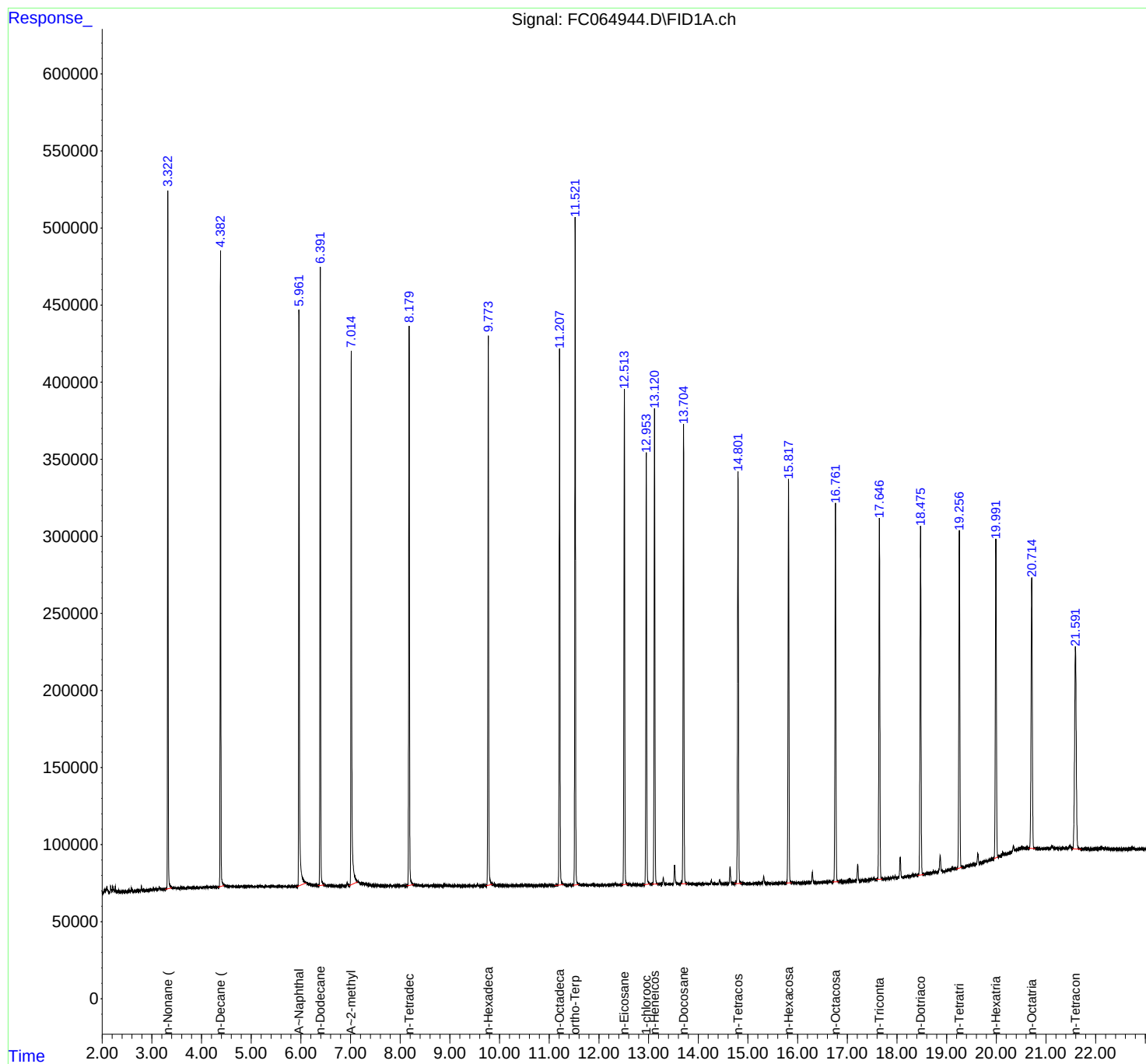
(m)=manual int.

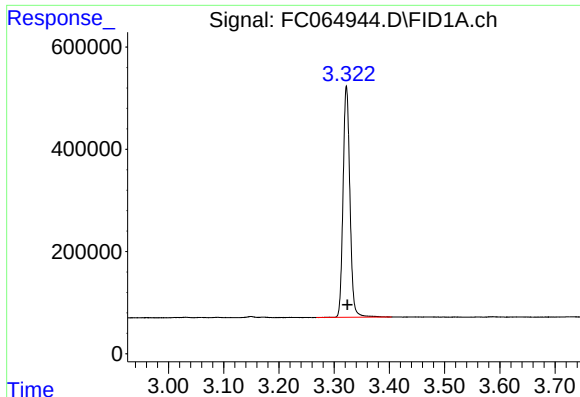
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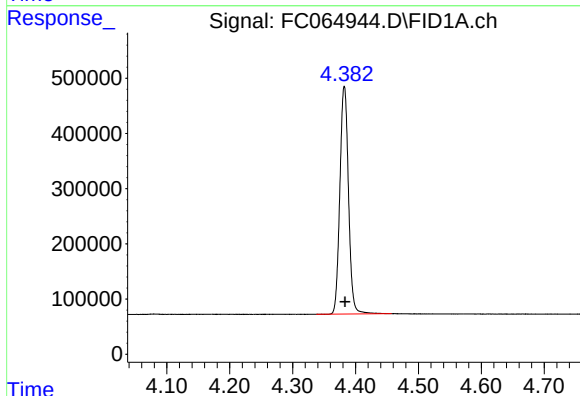




#1 n-Nonane (C9)

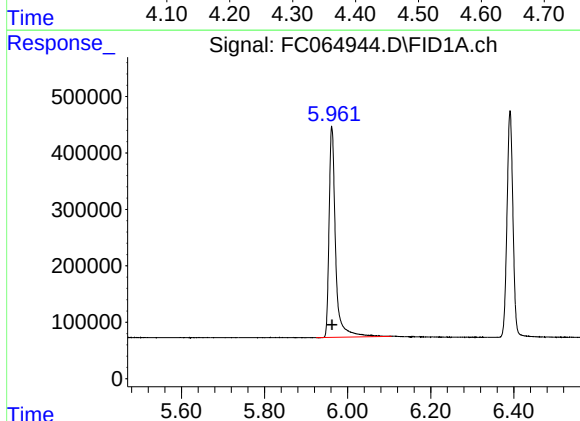
R.T.: 3.322 min
Delta R.T.: -0.002 min
Response: 3901054
Conc: 20.63 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



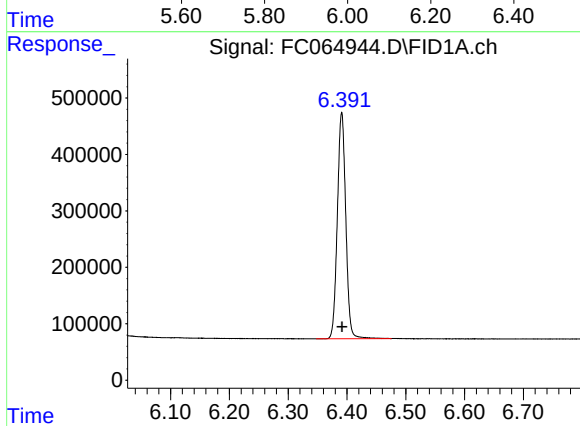
#2 n-Decane (C10)

R.T.: 4.382 min
Delta R.T.: -0.001 min
Response: 3927676
Conc: 20.66 ug/ml



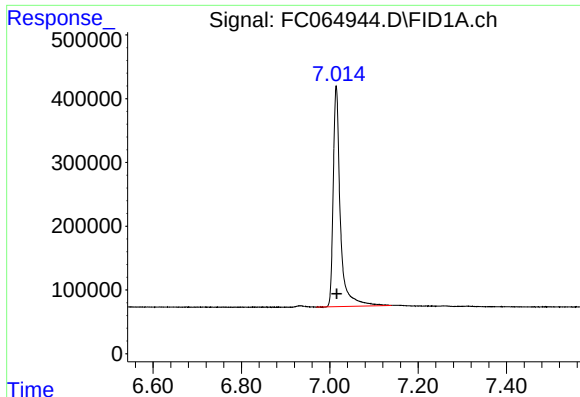
#3 A~Naphthalene (C11.7)

R.T.: 5.962 min
Delta R.T.: 0.000 min
Response: 4067413
Conc: 21.07 ug/ml



#4 n-Dodecane (C12)

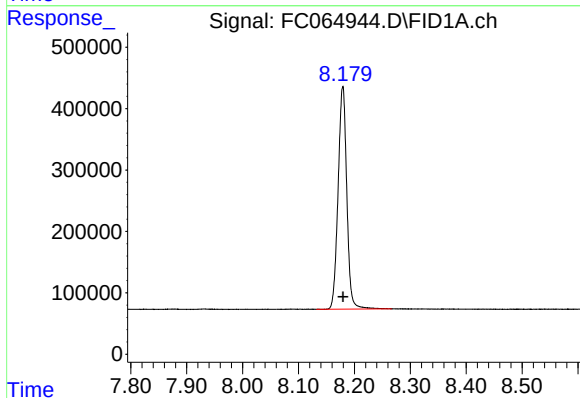
R.T.: 6.391 min
Delta R.T.: 0.000 min
Response: 3996560
Conc: 20.69 ug/ml



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

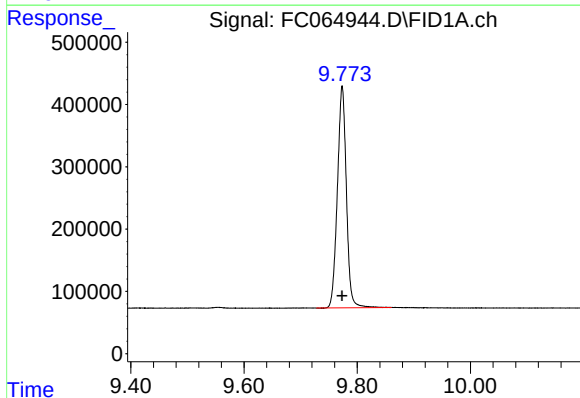
R.T.: 7.015 min
Delta R.T.: 0.000 min
Response: 3868565
Conc: 21.05 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



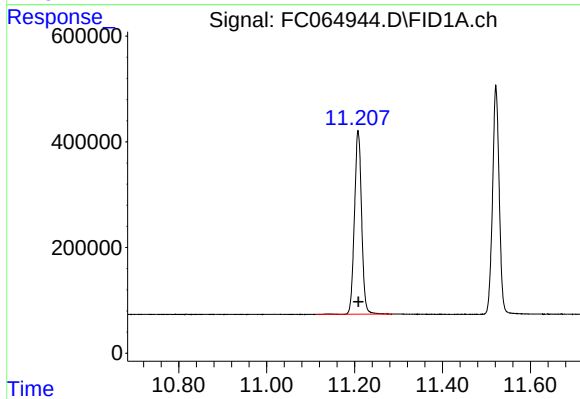
#6 n-Tetradecane (C14)

R.T.: 8.179 min
Delta R.T.: 0.000 min
Response: 3910768
Conc: 20.73 ug/ml



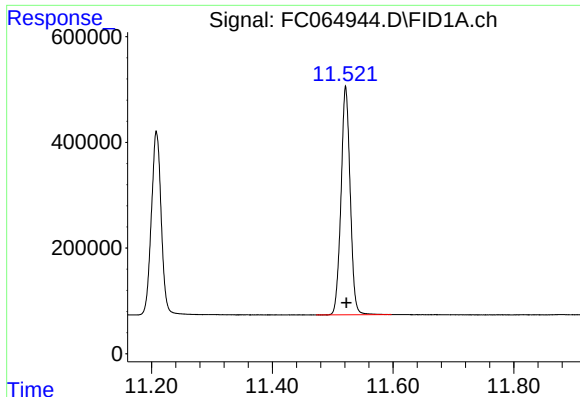
#7 n-Hexadecane (C16)

R.T.: 9.773 min
Delta R.T.: 0.000 min
Response: 3925594
Conc: 20.77 ug/ml



#8 n-Octadecane (C18)

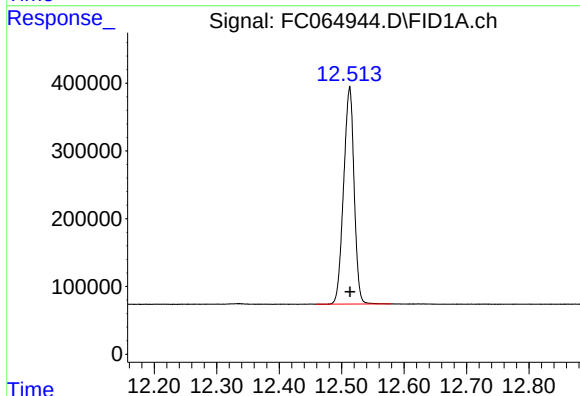
R.T.: 11.208 min
Delta R.T.: 0.000 min
Response: 3927107
Conc: 20.81 ug/ml



#9 ortho-Terphenyl (SURR)

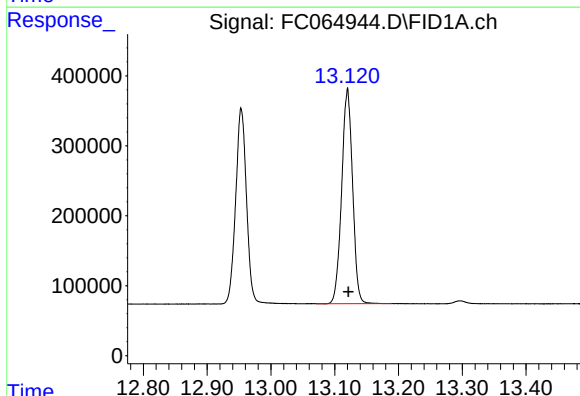
R.T.: 11.522 min
Delta R.T.: -0.001 min
Response: 4550163
Conc: 20.67 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



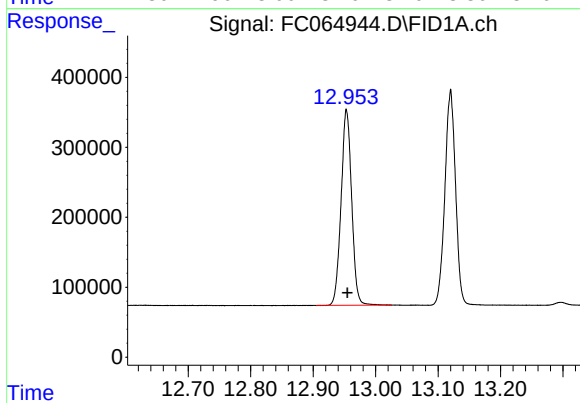
#10 n-Eicosane (C20)

R.T.: 12.513 min
Delta R.T.: 0.000 min
Response: 3737560
Conc: 20.79 ug/ml



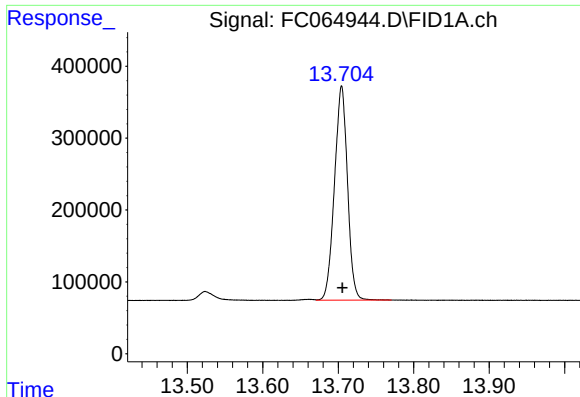
#11 n-Heneicosane (C21)

R.T.: 13.120 min
Delta R.T.: -0.001 min
Response: 3644651
Conc: 20.76 ug/ml



#12 1-chlorooctadecane (SURR)

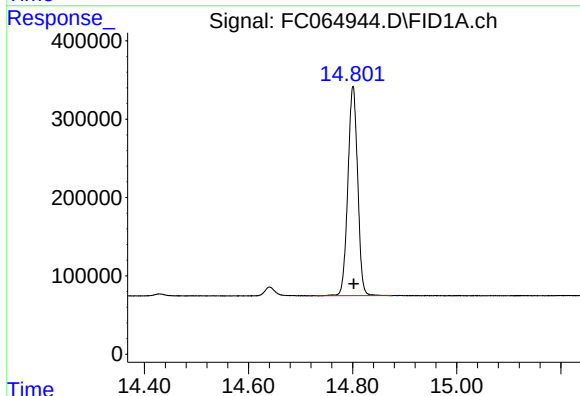
R.T.: 12.953 min
Delta R.T.: -0.002 min
Response: 3289822
Conc: 20.81 ug/ml



#13 n-Docosane (C22)

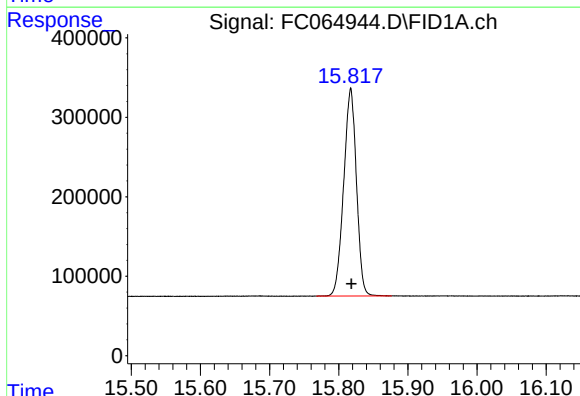
R.T.: 13.705 min
Delta R.T.: 0.000 min
Response: 3578833
Conc: 20.83 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



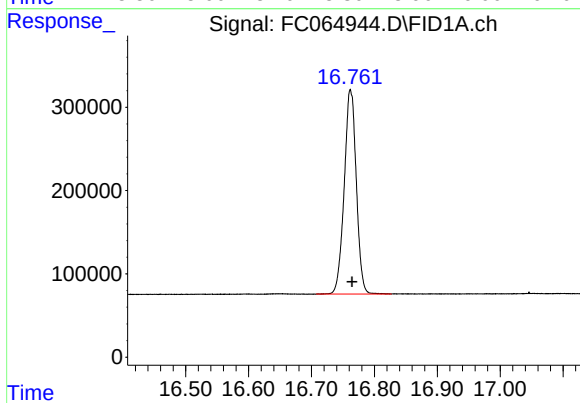
#14 n-Tetracosane (C24)

R.T.: 14.801 min
Delta R.T.: -0.001 min
Response: 3486337
Conc: 20.93 ug/ml



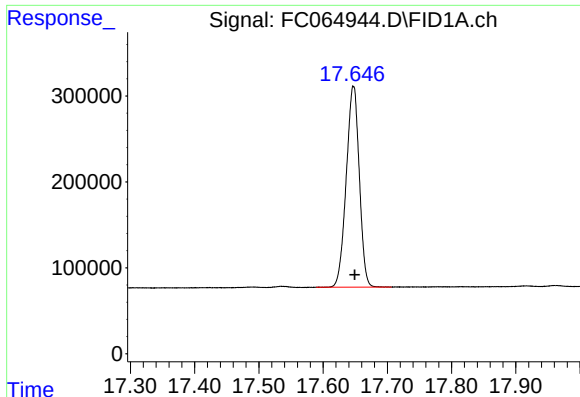
#15 n-Hexacosane (C26)

R.T.: 15.817 min
Delta R.T.: -0.001 min
Response: 3348650
Conc: 20.86 ug/ml



#16 n-Octacosane (C28)

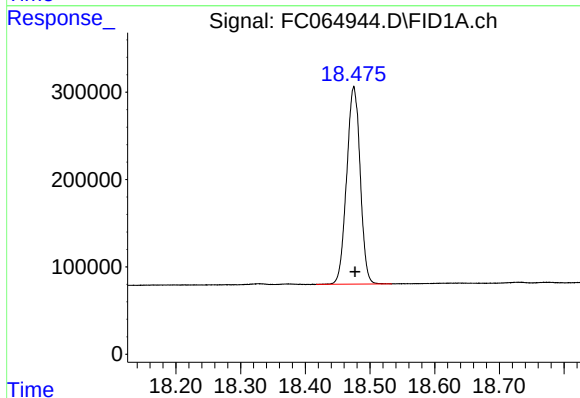
R.T.: 16.762 min
Delta R.T.: -0.003 min
Response: 3271849
Conc: 20.91 ug/ml



#17 n-Tricontane (C30)

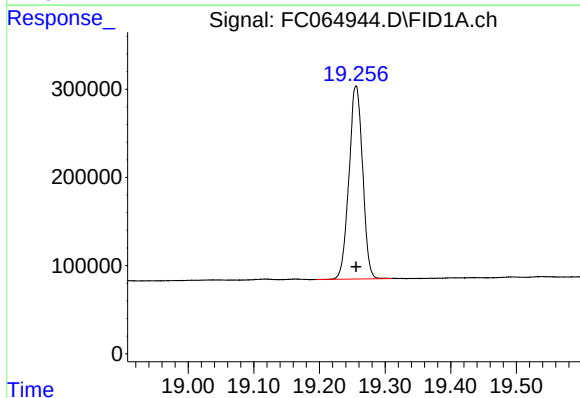
R.T.: 17.647 min
Delta R.T.: -0.002 min
Response: 3304144
Conc: 20.86 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



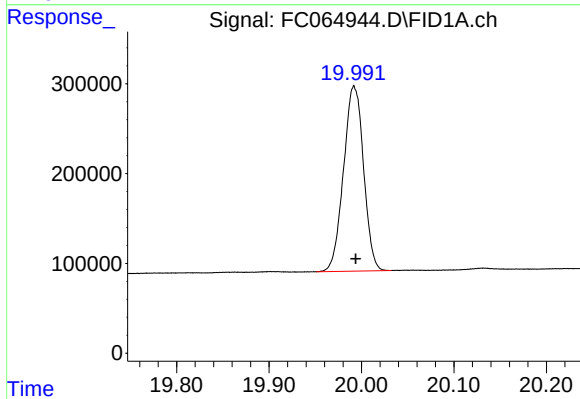
#18 n-Dotriacontane (C32)

R.T.: 18.475 min
Delta R.T.: -0.002 min
Response: 3283169
Conc: 20.79 ug/ml



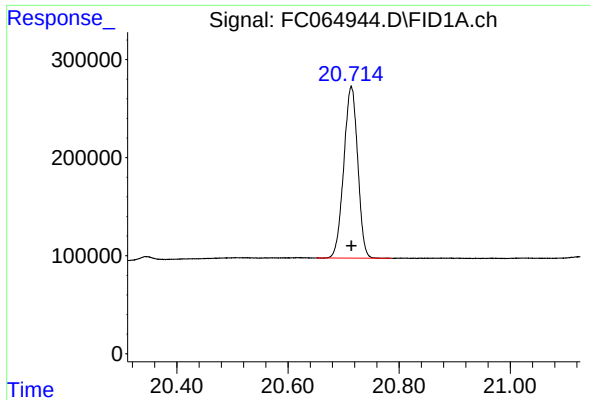
#19 n-Tetratriacontane (C34)

R.T.: 19.256 min
Delta R.T.: 0.000 min
Response: 3160432
Conc: 20.71 ug/ml



#20 n-Hexatriacontane (C36)

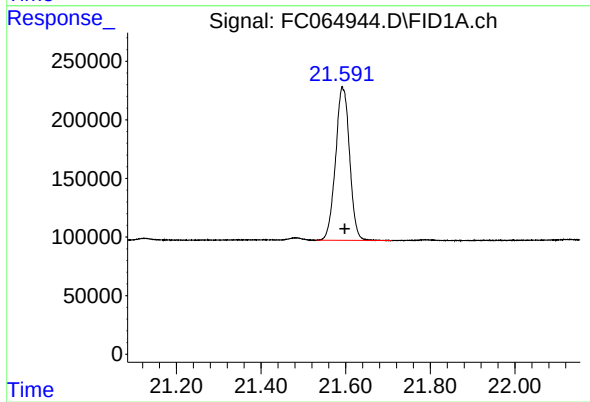
R.T.: 19.992 min
Delta R.T.: -0.002 min
Response: 3100007
Conc: 20.55 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.714 min
Delta R.T.: 0.000 min
Response: 3045792
Conc: 20.47 ug/ml

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FID_C
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#22 n-Tetracontane (C40)

R.T.: 21.592 min
Delta R.T.: -0.006 min
Response: 3012696
Conc: 20.48 ug/ml