

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC091823AL\
 Data File : FC064597.D
 Signal(s) : FID1A.ch
 Acq On : 18 Sep 2023 09:36
 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 18 11:08:48 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 091523.M
 Quant Title : GC Extractables
 QLast Update : Fri Sep 15 01:25:53 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)	11.505	4226520	20.888 ug/ml
Spiked Amount 50.000		Recovery =	41.78%
12) S 1-chlorooctadecane (S...	12.939	3073475	21.101 ug/ml
Spiked Amount 50.000		Recovery =	42.20%
Target Compounds			
1) T n-Nonane (C9)	3.299	3552730	20.104 ug/ml
2) T n-Decane (C10)	4.359	3604752	20.066 ug/ml
3) T A~Naphthalene (C11.7)	5.938	3785815	20.152 ug/ml
4) T n-Dodecane (C12)	6.370	3660168	20.151 ug/ml
5) T A~2-methylnaphthalene...	6.993	3678972	20.630 ug/ml
6) T n-Tetradecane (C14)	8.159	3568870	20.113 ug/ml
7) T n-Hexadecane (C16)	9.754	3569980	19.860 ug/ml
8) T n-Octadecane (C18)	11.191	3596662	19.865 ug/ml
10) T n-Eicosane (C20)	12.497	3467700	20.358 ug/ml
11) T n-Heneicosane (C21)	13.107	3409961	20.588 ug/ml
13) T n-Docosane (C22)	13.691	3356288	20.602 ug/ml
14) T n-Tetracosane (C24)	14.790	3258675	20.526 ug/ml
15) T n-Hexacosane (C26)	15.805	3136030	20.544 ug/ml
16) T n-Octacosane (C28)	16.751	3007273	20.320 ug/ml
17) T n-Tricontane (C30)	17.637	2949379	19.854 ug/ml
18) T n-Dotriacontane (C32)	18.465	2861203	19.605 ug/ml
19) T n-Tetratriacontane (C34)	19.244	2735015	19.238 ug/ml
20) T n-Hexatriacontane (C36)	19.981	2657851	19.297 ug/ml
21) T n-Octatriacontane (C38)	20.703	2540470	18.537 ug/ml
22) T n-Tetracontane (C40)	21.580	2392377	17.587 ug/ml

(f)=RT Delta > 1/2 Window

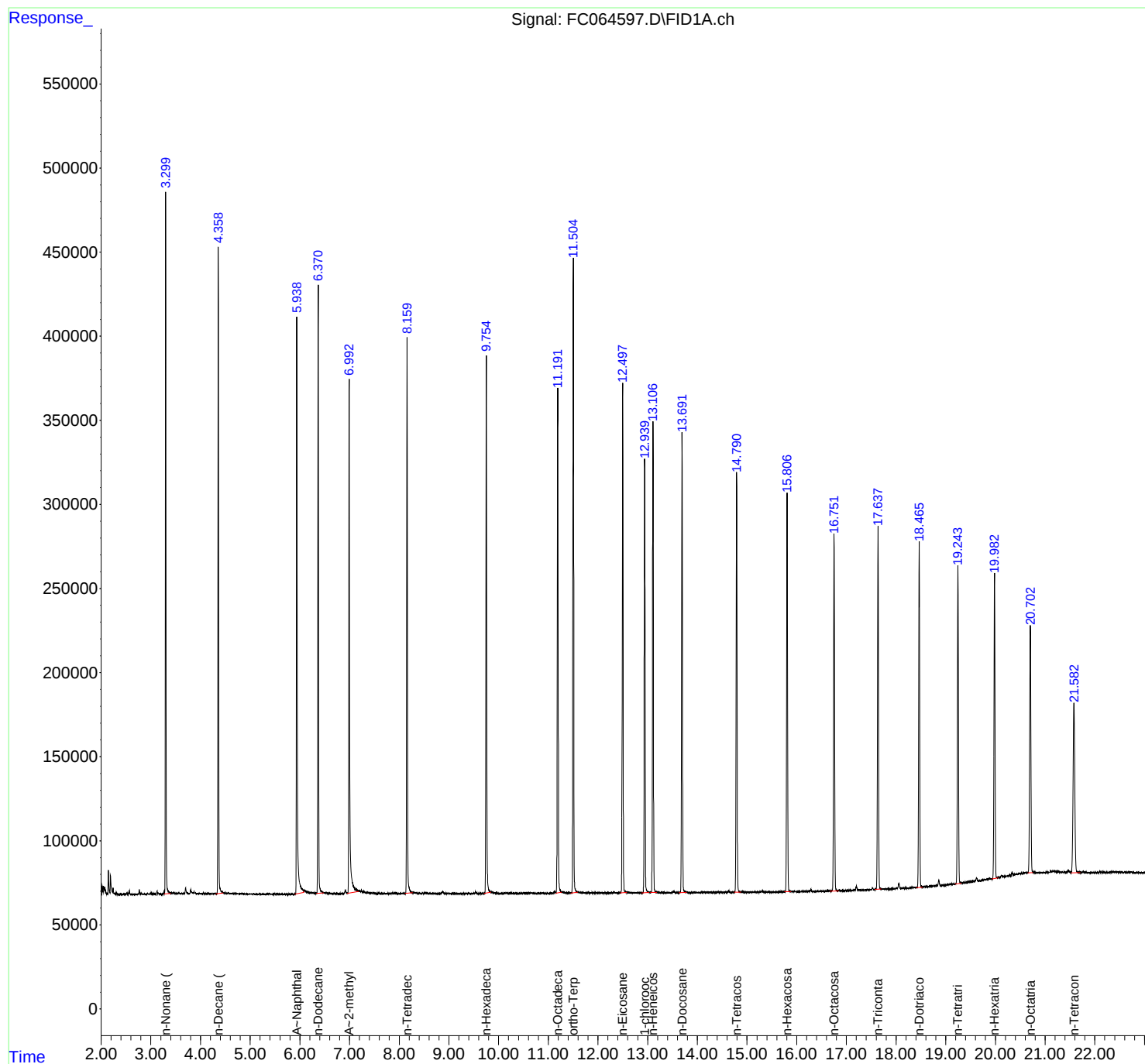
(m)=manual int.

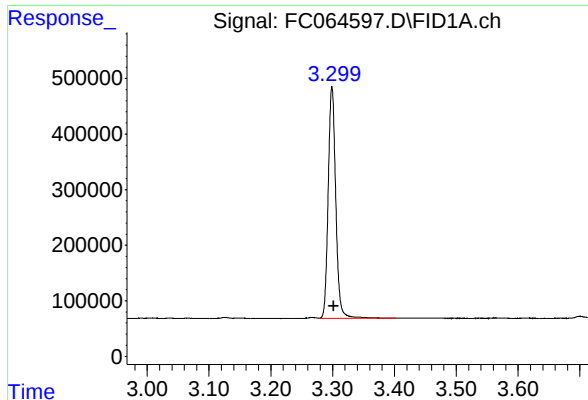
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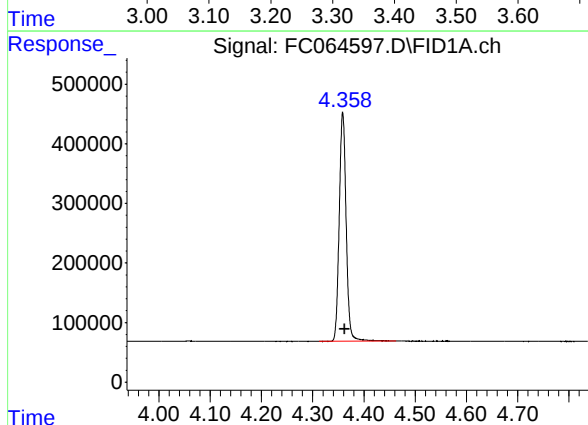




#1 n-Nonane (C9)

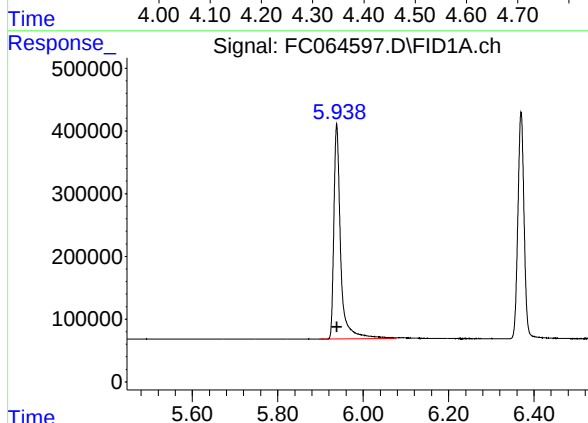
R.T.: 3.299 min
Delta R.T.: -0.003 min
Response: 3552730
Conc: 20.10 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



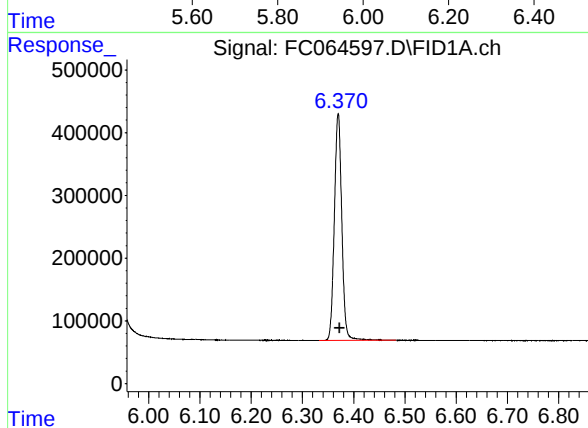
#2 n-Decane (C10)

R.T.: 4.359 min
Delta R.T.: -0.003 min
Response: 3604752
Conc: 20.07 ug/ml



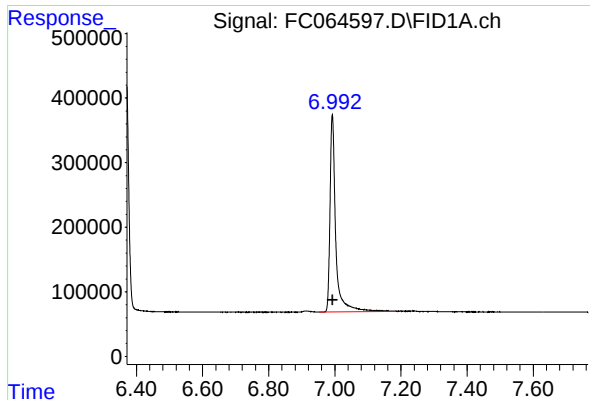
#3 A~Naphthalene (C11.7)

R.T.: 5.938 min
Delta R.T.: 0.000 min
Response: 3785815
Conc: 20.15 ug/ml



#4 n-Dodecane (C12)

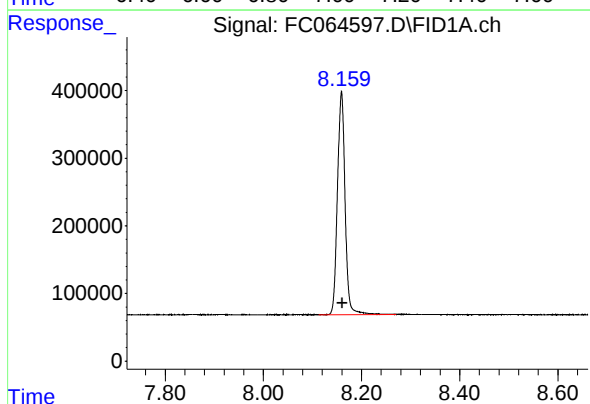
R.T.: 6.370 min
Delta R.T.: -0.003 min
Response: 3660168
Conc: 20.15 ug/ml



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

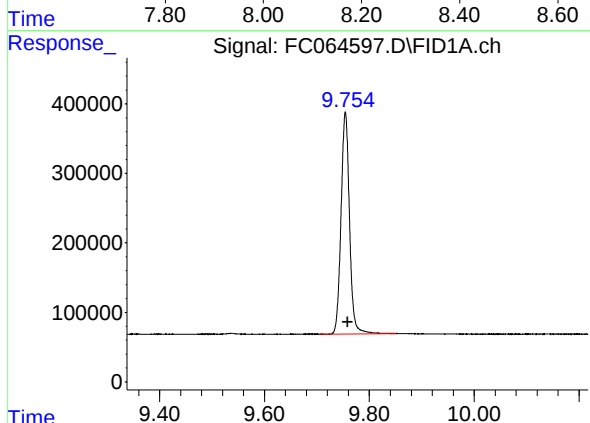
R.T.: 6.993 min
Delta R.T.: 0.000 min
Response: 3678972
Conc: 20.63 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



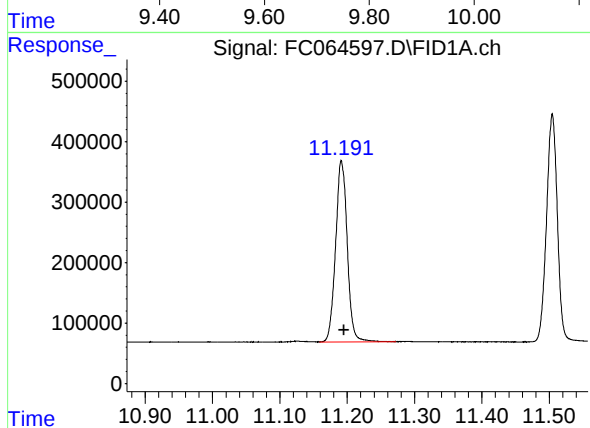
#6 n-Tetradecane (C14)

R.T.: 8.159 min
Delta R.T.: -0.002 min
Response: 3568870
Conc: 20.11 ug/ml



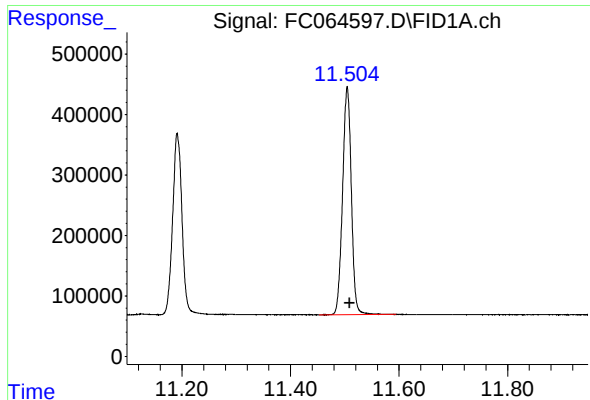
#7 n-Hexadecane (C16)

R.T.: 9.754 min
Delta R.T.: -0.004 min
Response: 3569980
Conc: 19.86 ug/ml



#8 n-Octadecane (C18)

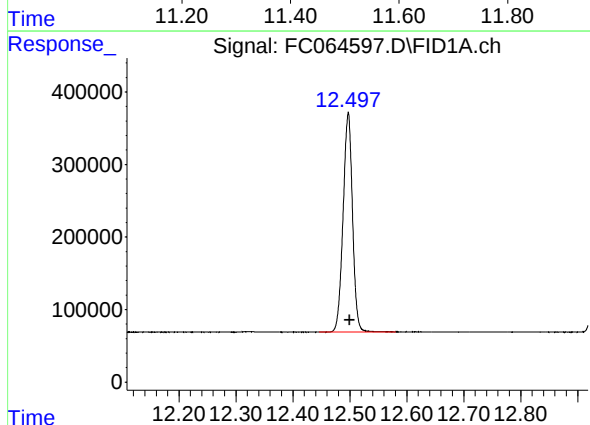
R.T.: 11.191 min
Delta R.T.: -0.004 min
Response: 3596662
Conc: 19.87 ug/ml



#9 ortho-Terphenyl (SURR)

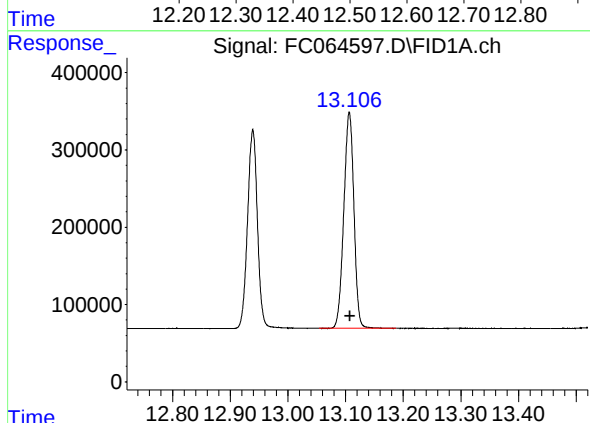
R.T.: 11.505 min
Delta R.T.: -0.004 min
Response: 4226520
Conc: 20.89 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



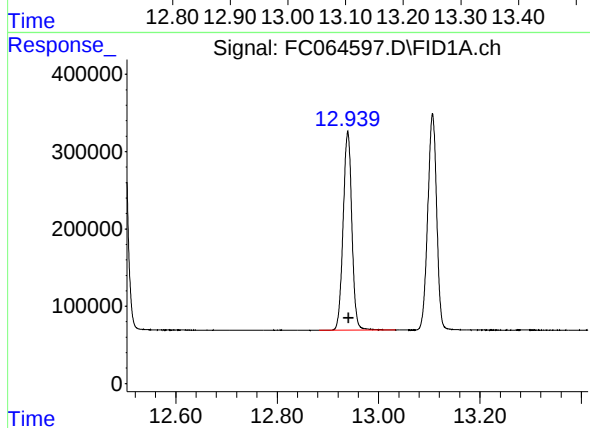
#10 n-Eicosane (C20)

R.T.: 12.497 min
Delta R.T.: -0.002 min
Response: 3467700
Conc: 20.36 ug/ml



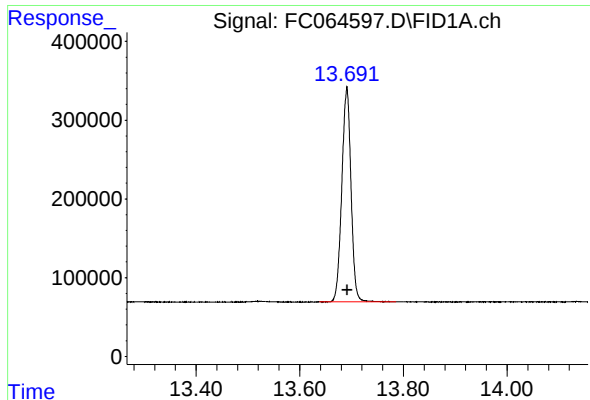
#11 n-Heneicosane (C21)

R.T.: 13.107 min
Delta R.T.: -0.001 min
Response: 3409961
Conc: 20.59 ug/ml



#12 1-chlorooctadecane (SURR)

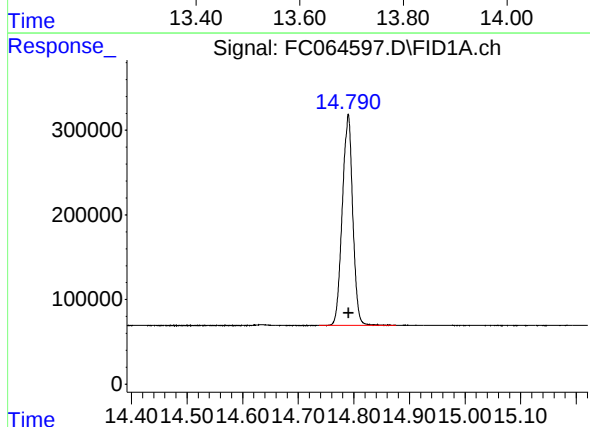
R.T.: 12.939 min
Delta R.T.: -0.001 min
Response: 3073475
Conc: 21.10 ug/ml



#13 n-Docosane (C22)

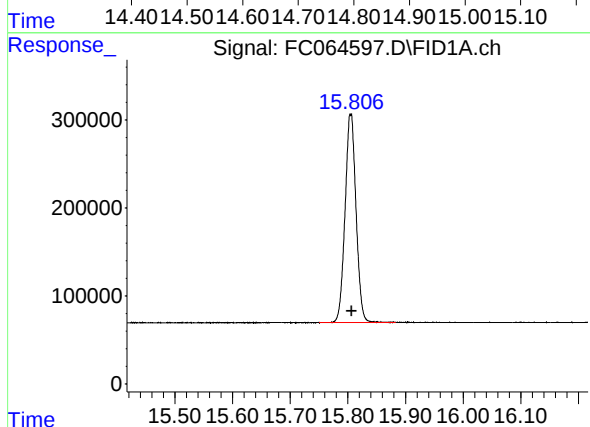
R.T.: 13.691 min
Delta R.T.: 0.000 min
Response: 3356288
Conc: 20.60 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



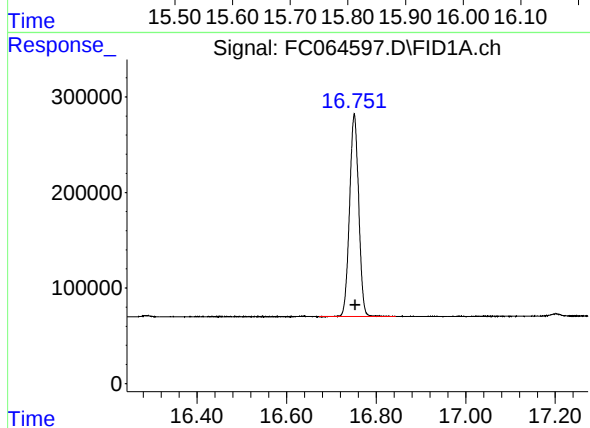
#14 n-Tetracosane (C24)

R.T.: 14.790 min
Delta R.T.: 0.000 min
Response: 3258675
Conc: 20.53 ug/ml



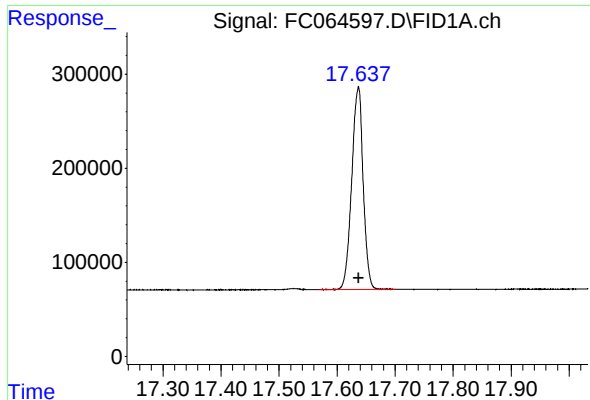
#15 n-Hexacosane (C26)

R.T.: 15.805 min
Delta R.T.: -0.002 min
Response: 3136030
Conc: 20.54 ug/ml



#16 n-Octacosane (C28)

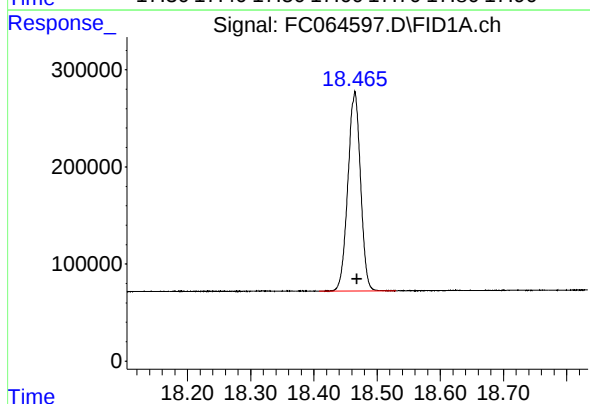
R.T.: 16.751 min
Delta R.T.: -0.002 min
Response: 3007273
Conc: 20.32 ug/ml



#17 n-Tricontane (C30)

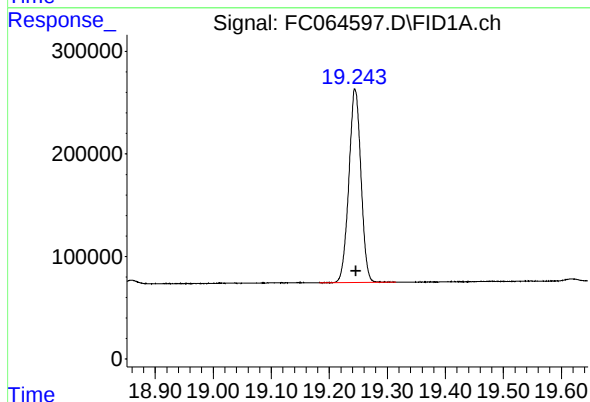
R.T.: 17.637 min
Delta R.T.: 0.000 min
Response: 2949379
Conc: 19.85 ug/ml

Instrument :
FID_C
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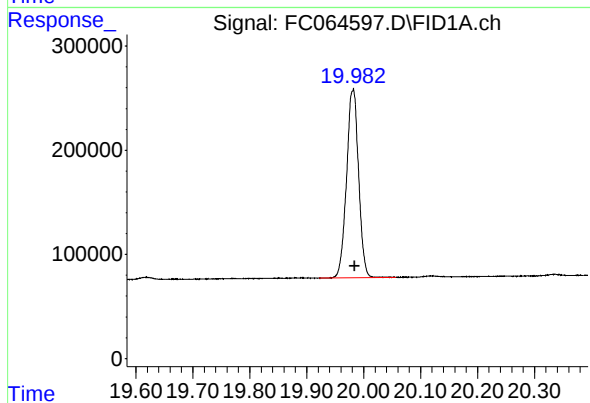
#18 n-Dotriacontane (C32)

R.T.: 18.465 min
Delta R.T.: -0.003 min
Response: 2861203
Conc: 19.61 ug/ml



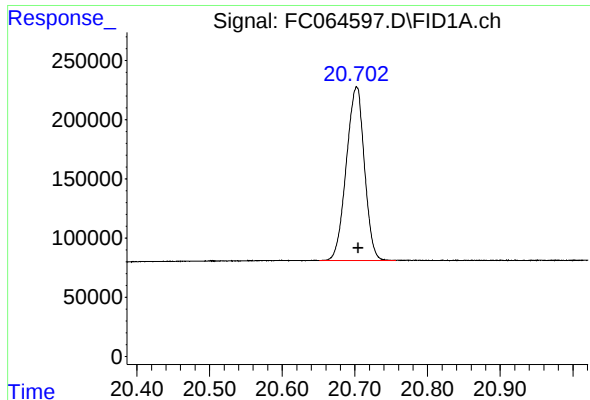
#19 n-Tetratriacontane (C34)

R.T.: 19.244 min
Delta R.T.: -0.001 min
Response: 2735015
Conc: 19.24 ug/ml



#20 n-Hexatriacontane (C36)

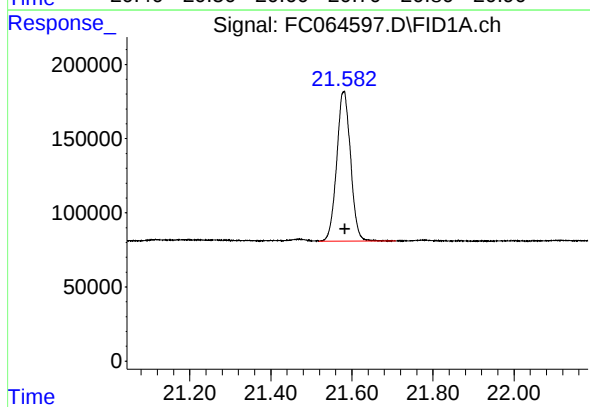
R.T.: 19.981 min
Delta R.T.: -0.002 min
Response: 2657851
Conc: 19.30 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.703 min
Delta R.T.: -0.003 min
Response: 2540470
Conc: 18.54 ug/ml

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FID_C
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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.580 min
Delta R.T.: -0.003 min
Response: 2392377
Conc: 17.59 ug/ml