

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC091623AL\
 Data File : FC064590.D
 Signal(s) : FID1A.ch
 Acq On : 15 Sep 2023 14:04
 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 16 00:27:25 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)	11.502	3901680	19.282 ug/ml
Spiked Amount 50.000		Recovery =	38.56%
12) S 1-chlorooctadecane (S...	12.937	2856094	19.608 ug/ml
Spiked Amount 50.000		Recovery =	39.22%
Target Compounds			
1) T n-Nonane (C9)	3.301	3364074	19.036 ug/ml
2) T n-Decane (C10)	4.359	3380398	18.817 ug/ml
3) T A~Naphthalene (C11.7)	5.937	3574027	19.024 ug/ml
4) T n-Dodecane (C12)	6.368	3453728	19.014 ug/ml
5) T A~2-methylnaphthalene...	6.992	3489247	19.566 ug/ml
6) T n-Tetradecane (C14)	8.157	3387196	19.089 ug/ml
7) T n-Hexadecane (C16)	9.753	3378508	18.795 ug/ml
8) T n-Octadecane (C18)	11.190	3381777	18.678 ug/ml
10) T n-Eicosane (C20)	12.495	3218684	18.896 ug/ml
11) T n-Heneicosane (C21)	13.103	3139615	18.956 ug/ml
13) T n-Docosane (C22)	13.688	3063063	18.802 ug/ml
14) T n-Tetracosane (C24)	14.787	2941573	18.529 ug/ml
15) T n-Hexacosane (C26)	15.805	2798212	18.331 ug/ml
16) T n-Octacosane (C28)	16.751	2688991	18.169 ug/ml
17) T n-Tricontane (C30)	17.634	2644414	17.801 ug/ml
18) T n-Dotriacontane (C32)	18.464	2605546	17.854 ug/ml
19) T n-Tetratriacontane (C34)	19.243	2531994	17.810 ug/ml
20) T n-Hexatriacontane (C36)	19.979	2513660	18.250 ug/ml
21) T n-Octatriacontane (C38)	20.697	2493114	18.191 ug/ml
22) T n-Tetracontane (C40)	21.578	2474677	18.192 ug/ml

(f)=RT Delta > 1/2 Window

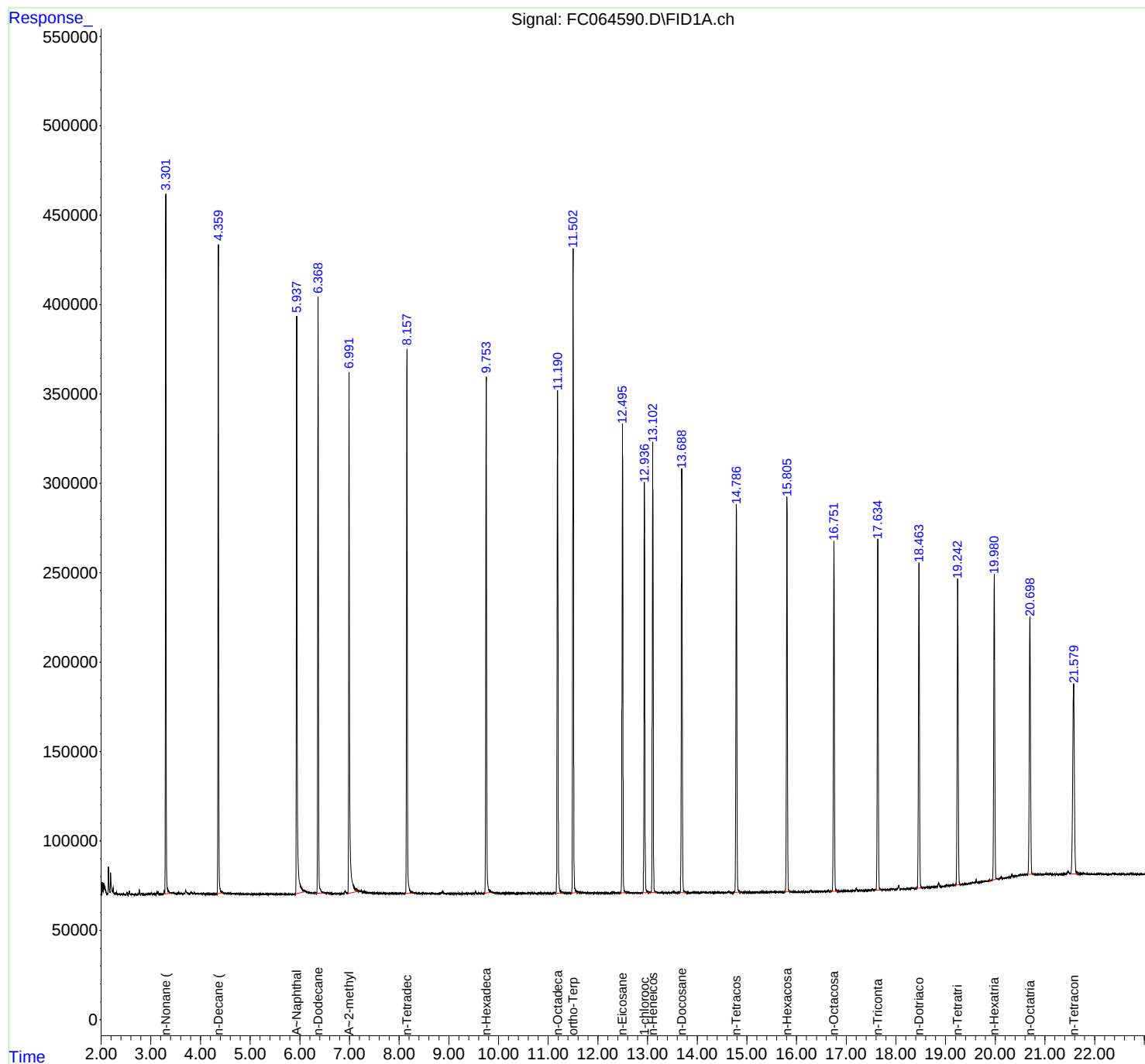
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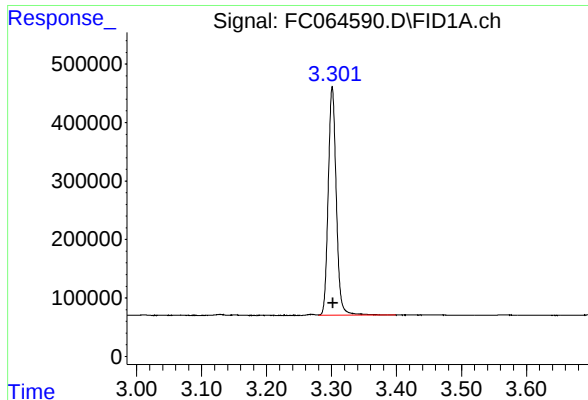
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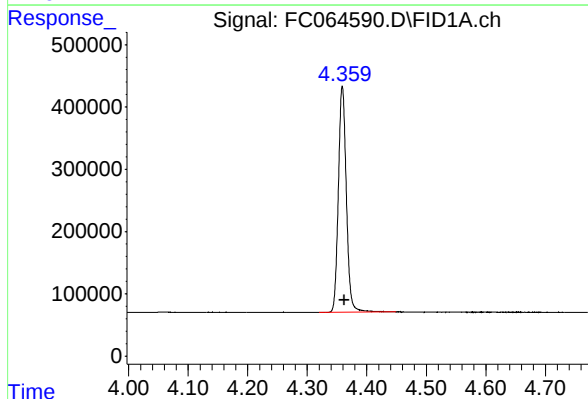




#1 n-Nonane (C9)

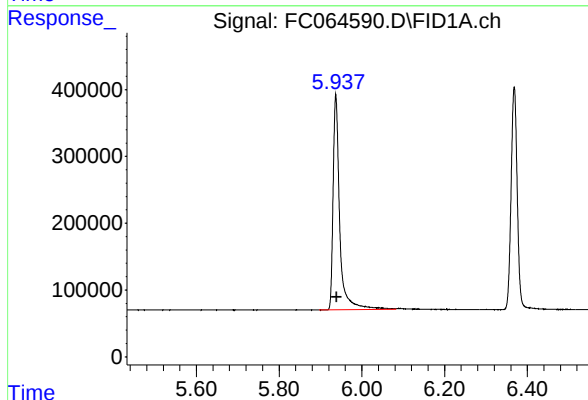
R.T.: 3.301 min
Delta R.T.: 0.000 min
Response: 3364074
Conc: 19.04 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



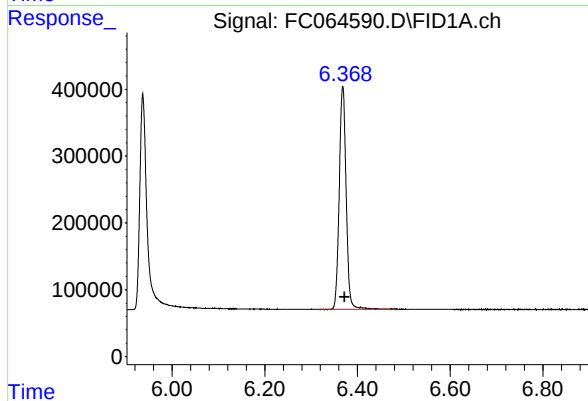
#2 n-Decane (C10)

R.T.: 4.359 min
Delta R.T.: -0.003 min
Response: 3380398
Conc: 18.82 ug/ml



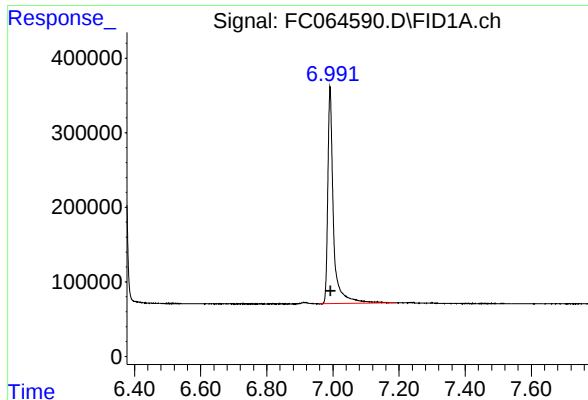
#3 A~Naphthalene (C11.7)

R.T.: 5.937 min
Delta R.T.: -0.002 min
Response: 3574027
Conc: 19.02 ug/ml



#4 n-Dodecane (C12)

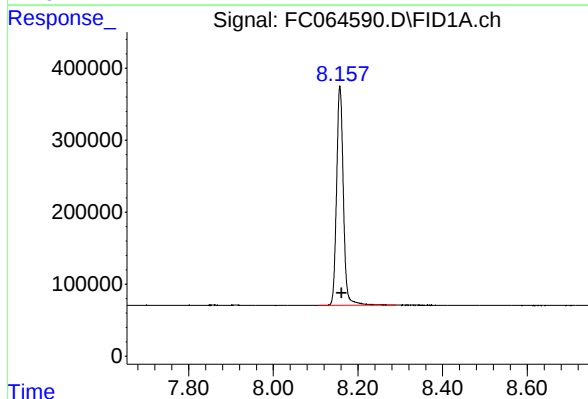
R.T.: 6.368 min
Delta R.T.: -0.004 min
Response: 3453728
Conc: 19.01 ug/ml



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

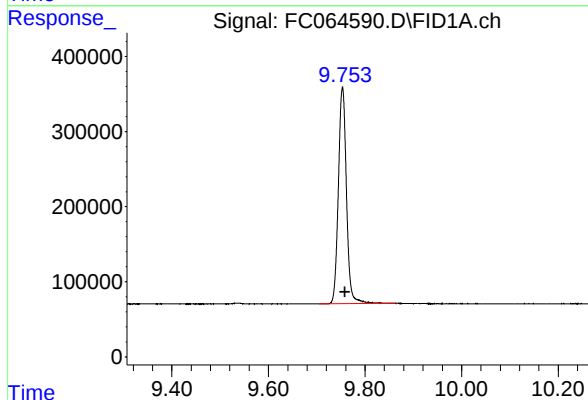
R.T.: 6.992 min
Delta R.T.: -0.001 min
Response: 3489247
Conc: 19.57 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



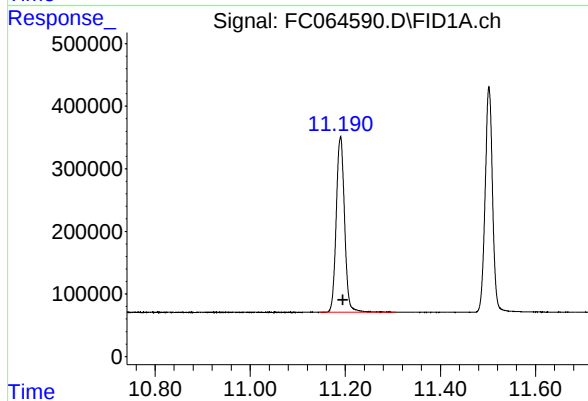
#6 n-Tetradecane (C14)

R.T.: 8.157 min
Delta R.T.: -0.004 min
Response: 3387196
Conc: 19.09 ug/ml



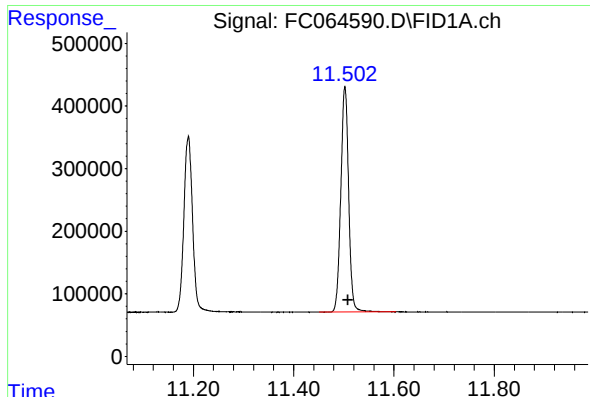
#7 n-Hexadecane (C16)

R.T.: 9.753 min
Delta R.T.: -0.005 min
Response: 3378508
Conc: 18.80 ug/ml



#8 n-Octadecane (C18)

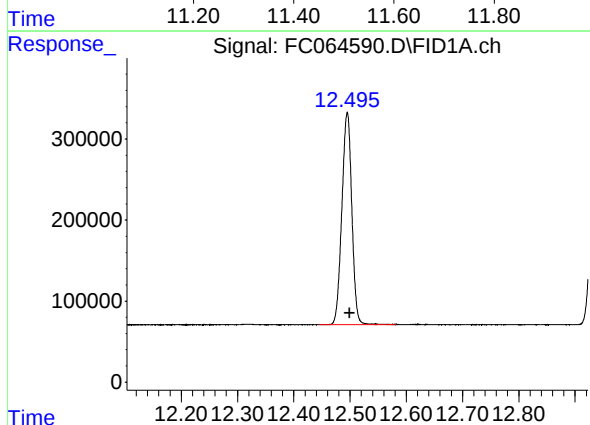
R.T.: 11.190 min
Delta R.T.: -0.006 min
Response: 3381777
Conc: 18.68 ug/ml



#9 ortho-Terphenyl (SURR)

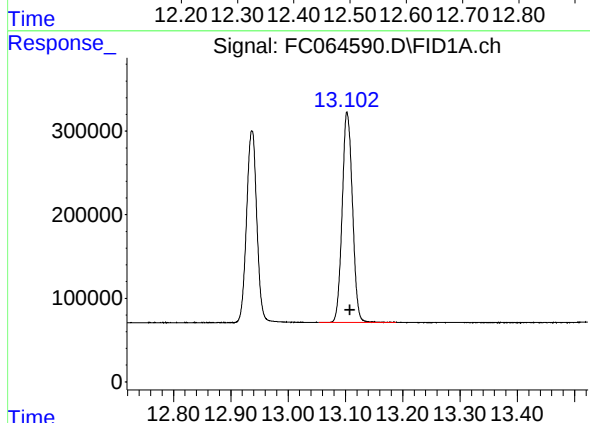
R.T.: 11.502 min
Delta R.T.: -0.006 min
Response: 3901680
Conc: 19.28 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



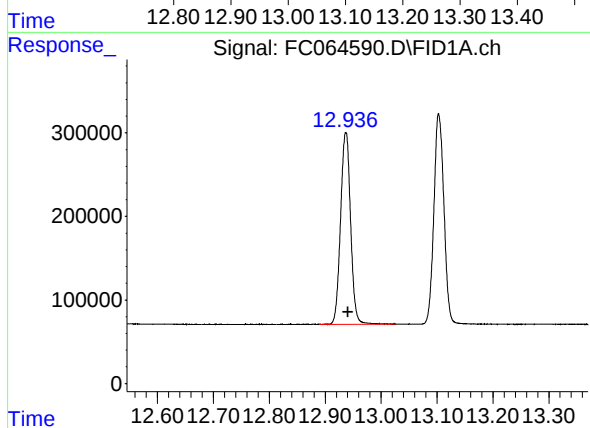
#10 n-Eicosane (C20)

R.T.: 12.495 min
Delta R.T.: -0.004 min
Response: 3218684
Conc: 18.90 ug/ml



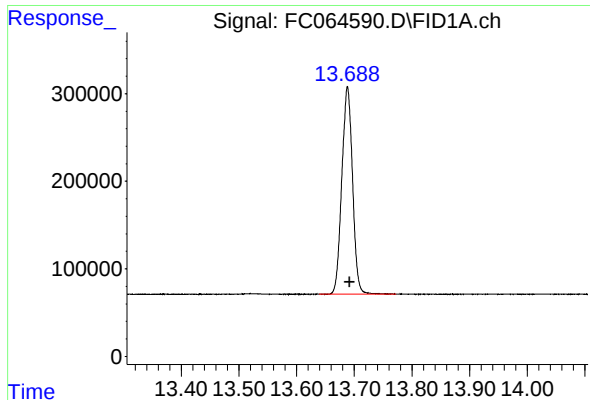
#11 n-Heneicosane (C21)

R.T.: 13.103 min
Delta R.T.: -0.005 min
Response: 3139615
Conc: 18.96 ug/ml



#12 1-chlorooctadecane (SURR)

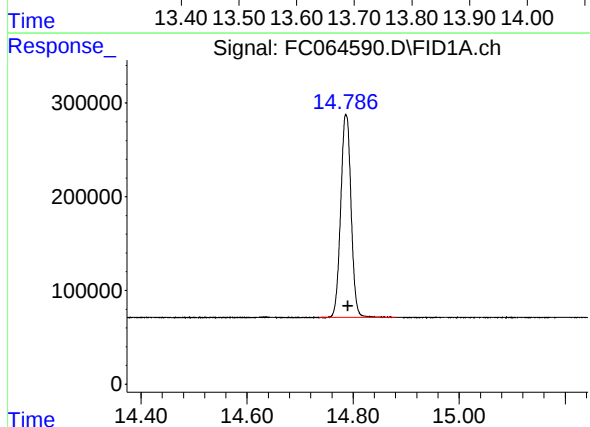
R.T.: 12.937 min
Delta R.T.: -0.003 min
Response: 2856094
Conc: 19.61 ug/ml



#13 n-Docosane (C22)

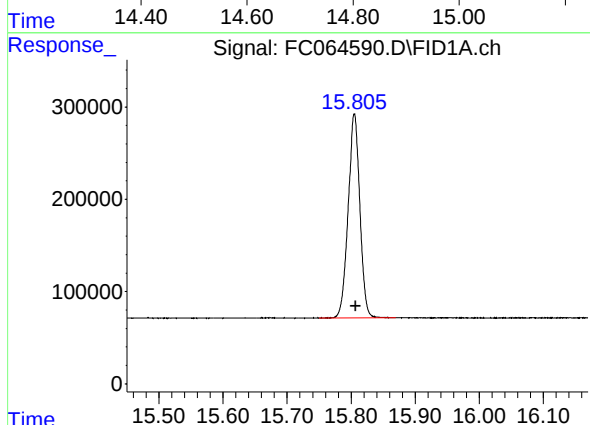
R.T.: 13.688 min
Delta R.T.: -0.003 min
Response: 3063063
Conc: 18.80 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



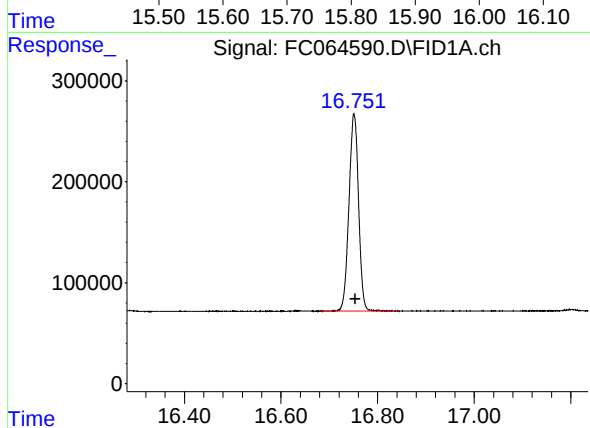
#14 n-Tetracosane (C24)

R.T.: 14.787 min
Delta R.T.: -0.004 min
Response: 2941573
Conc: 18.53 ug/ml



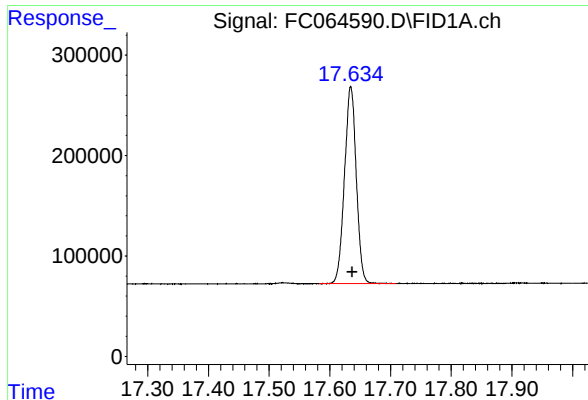
#15 n-Hexacosane (C26)

R.T.: 15.805 min
Delta R.T.: -0.002 min
Response: 2798212
Conc: 18.33 ug/ml



#16 n-Octacosane (C28)

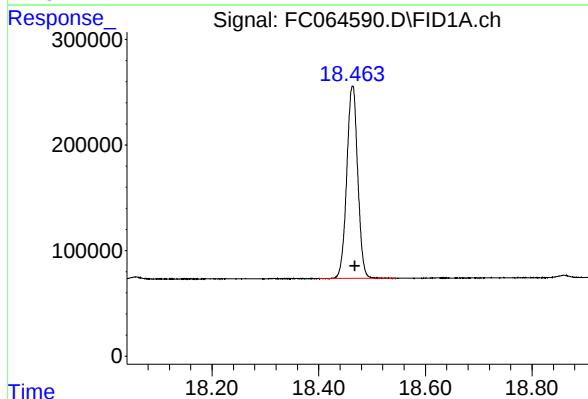
R.T.: 16.751 min
Delta R.T.: -0.002 min
Response: 2688991
Conc: 18.17 ug/ml



#17 n-Tricontane (C30)

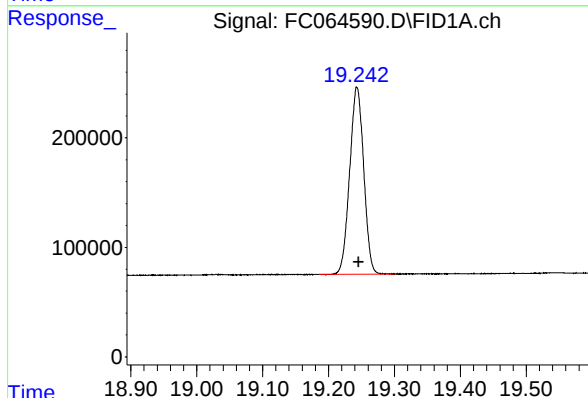
R.T.: 17.634 min
Delta R.T.: -0.003 min
Response: 2644414
Conc: 17.80 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



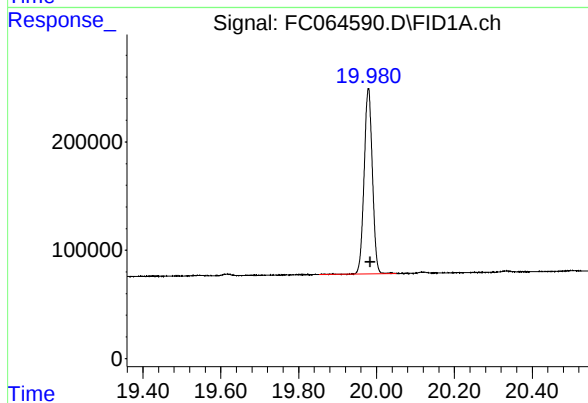
#18 n-Dotriacontane (C32)

R.T.: 18.464 min
Delta R.T.: -0.004 min
Response: 2605546
Conc: 17.85 ug/ml



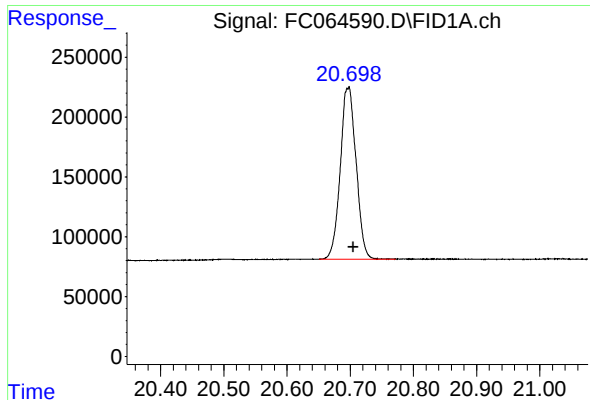
#19 n-Tetratriacontane (C34)

R.T.: 19.243 min
Delta R.T.: -0.003 min
Response: 2531994
Conc: 17.81 ug/ml



#20 n-Hexatriacontane (C36)

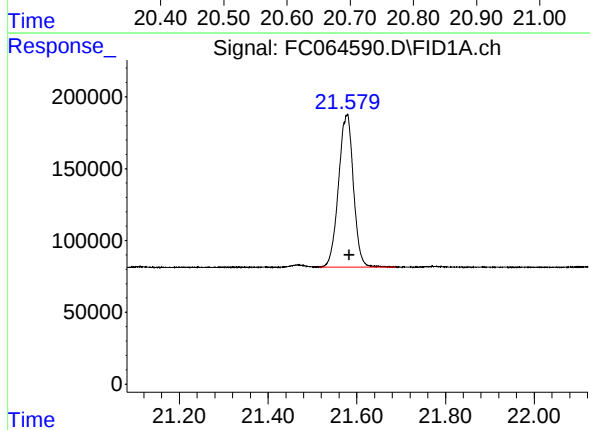
R.T.: 19.979 min
Delta R.T.: -0.004 min
Response: 2513660
Conc: 18.25 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.697 min
Delta R.T.: -0.008 min
Response: 2493114
Conc: 18.19 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.578 min
Delta R.T.: -0.005 min
Response: 2474677
Conc: 18.19 ug/ml