

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC102623AL\
 Data File : FC064927.D
 Signal(s) : FID1A.ch
 Acq On : 26 Oct 2023 23:04
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Oct 27 01:14:45 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 101023.M
 Quant Title : GC Extractables
 QLast Update : Tue Oct 10 12:17:45 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)	11.519	4211974	19.727 ug/ml
Spiked Amount 50.000		Recovery =	39.45%
12) S 1-chlorooctadecane (S...	12.951	3055805	20.380 ug/ml
Spiked Amount 50.000		Recovery =	40.76%
Target Compounds			
1) T n-Nonane (C9)	3.320	3613362	19.673 ug/ml
2) T n-Decane (C10)	4.379	3648893	19.947 ug/ml
3) T A~Naphthalene (C11.7)	5.959	3783648	19.949 ug/ml
4) T n-Dodecane (C12)	6.388	3695547	19.827 ug/ml
5) T A~2-methylnaphthalene...	7.012	3617363	20.656 ug/ml
6) T n-Tetradecane (C14)	8.176	3624141	20.179 ug/ml
7) T n-Hexadecane (C16)	9.771	3641085	20.469 ug/ml
8) T n-Octadecane (C18)	11.206	3629976	20.229 ug/ml
10) T n-Eicosane (C20)	12.511	3456157	20.072 ug/ml
11) T n-Heneicosane (C21)	13.119	3371061	19.905 ug/ml
13) T n-Docosane (C22)	13.702	3308539	20.080 ug/ml
14) T n-Tetracosane (C24)	14.800	3184682	20.009 ug/ml
15) T n-Hexacosane (C26)	15.819	3062653	19.993 ug/ml
16) T n-Octacosane (C28)	16.763	2963828	20.112 ug/ml
17) T n-Tricontane (C30)	17.648	2971255	20.308 ug/ml
18) T n-Dotriacontane (C32)	18.475	2947641	20.414 ug/ml
19) T n-Tetratriacontane (C34)	19.256	2861047	20.334 ug/ml
20) T n-Hexatriacontane (C36)	19.993	2825021	20.419 ug/ml
21) T n-Octatriacontane (C38)	20.714	2803551	21.165 ug/ml
22) T n-Tetracontane (C40)	21.597	2777983	22.197 ug/ml

(f)=RT Delta > 1/2 Window

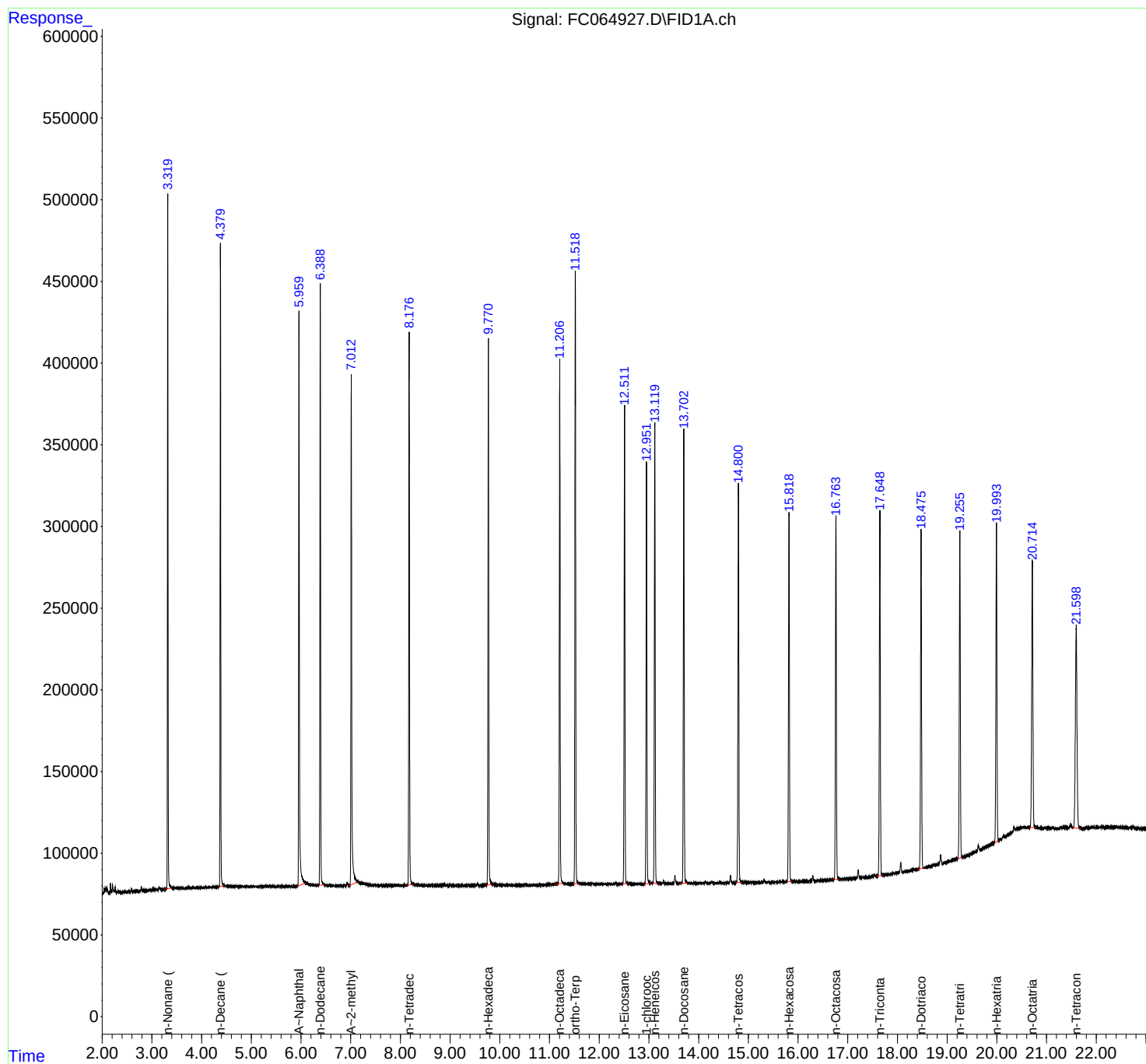
(m)=manual int.

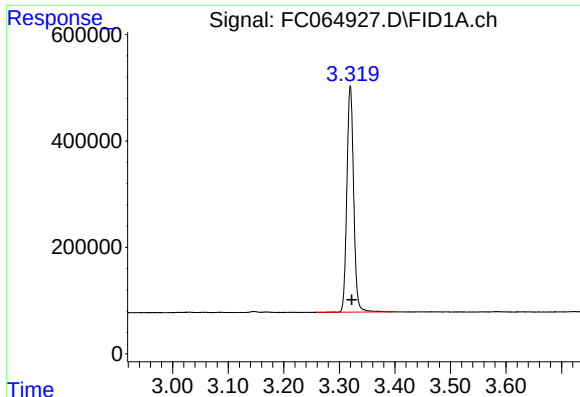
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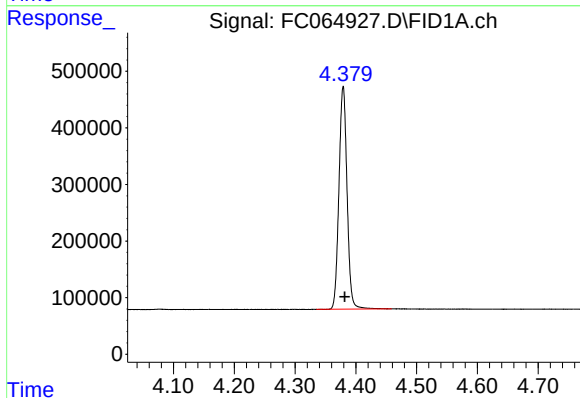




#1 n-Nonane (C9)

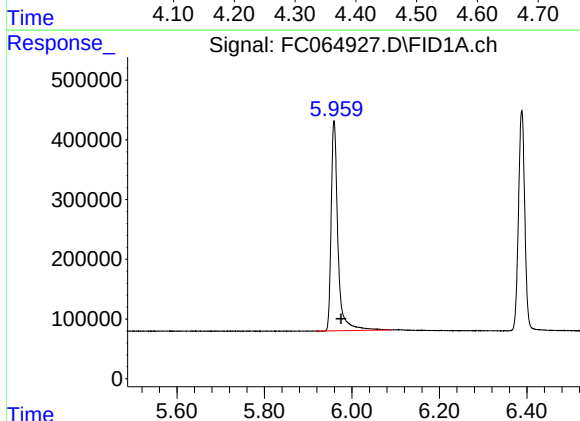
R.T.: 3.320 min
Delta R.T.: -0.002 min
Response: 3613362
Conc: 19.67 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



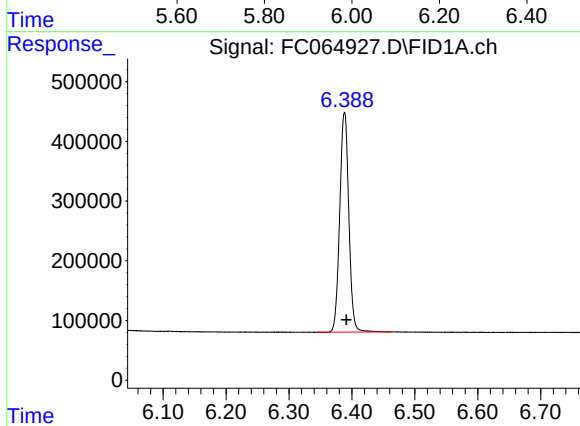
#2 n-Decane (C10)

R.T.: 4.379 min
Delta R.T.: -0.003 min
Response: 3648893
Conc: 19.95 ug/ml



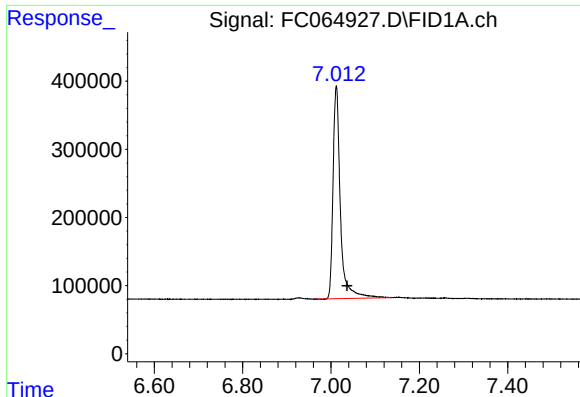
#3 A~Naphthalene (C11.7)

R.T.: 5.959 min
Delta R.T.: -0.016 min
Response: 3783648
Conc: 19.95 ug/ml



#4 n-Dodecane (C12)

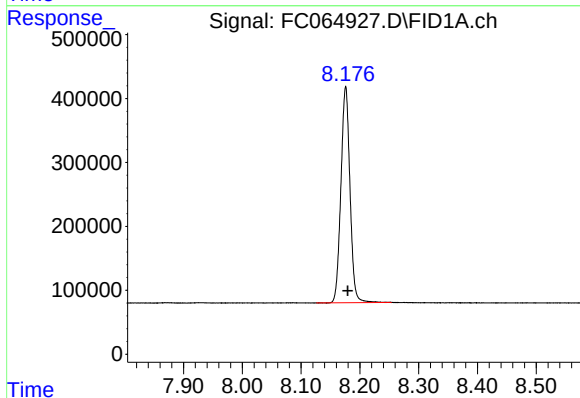
R.T.: 6.388 min
Delta R.T.: -0.003 min
Response: 3695547
Conc: 19.83 ug/ml



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

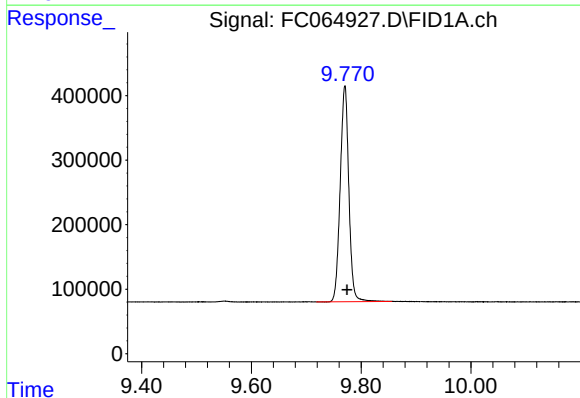
R.T.: 7.012 min
Delta R.T.: -0.024 min
Response: 3617363
Conc: 20.66 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



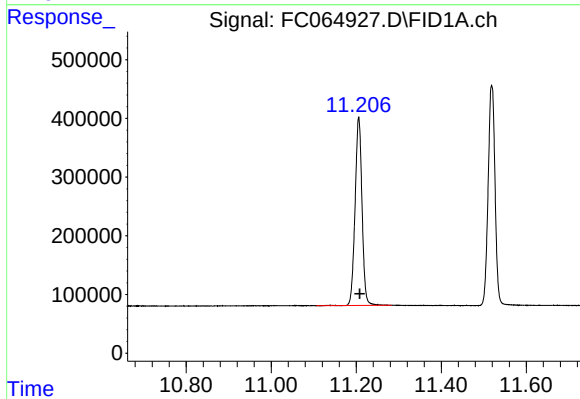
#6 n-Tetradecane (C14)

R.T.: 8.176 min
Delta R.T.: -0.003 min
Response: 3624141
Conc: 20.18 ug/ml



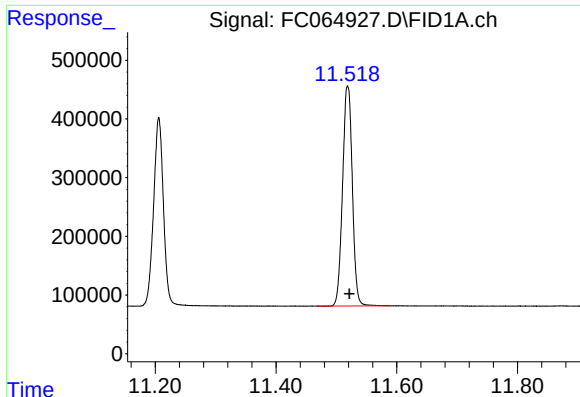
#7 n-Hexadecane (C16)

R.T.: 9.771 min
Delta R.T.: -0.004 min
Response: 3641085
Conc: 20.47 ug/ml



#8 n-Octadecane (C18)

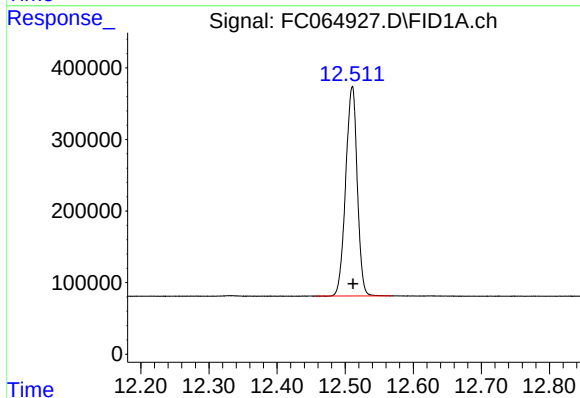
R.T.: 11.206 min
Delta R.T.: -0.002 min
Response: 3629976
Conc: 20.23 ug/ml



#9 ortho-Terphenyl (SURR)

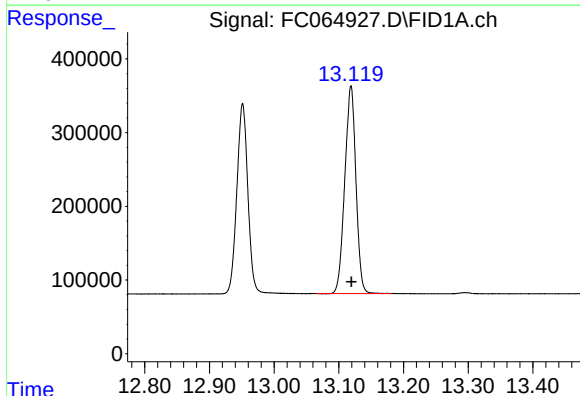
R.T.: 11.519 min
Delta R.T.: -0.003 min
Response: 4211974
Conc: 19.73 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



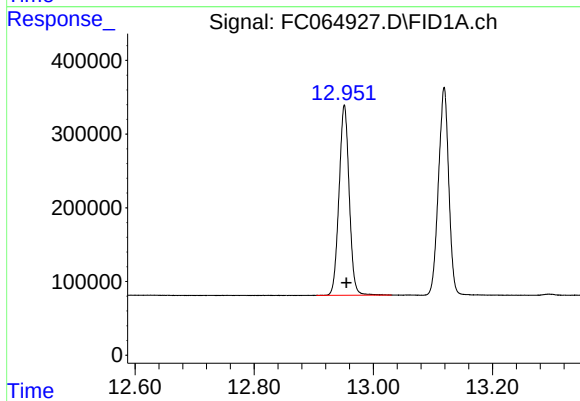
#10 n-Eicosane (C20)

R.T.: 12.511 min
Delta R.T.: 0.000 min
Response: 3456157
Conc: 20.07 ug/ml



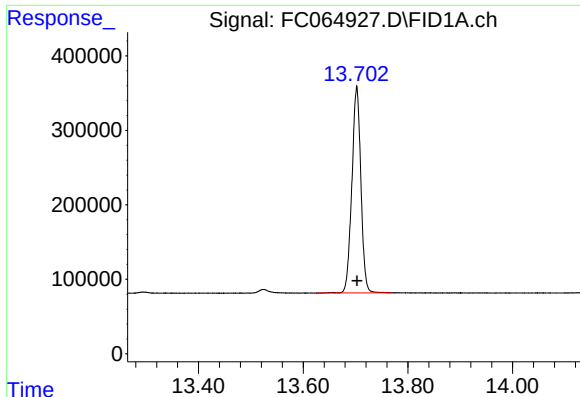
#11 n-Heneicosane (C21)

R.T.: 13.119 min
Delta R.T.: 0.000 min
Response: 3371061
Conc: 19.91 ug/ml



#12 1-chlorooctadecane (SURR)

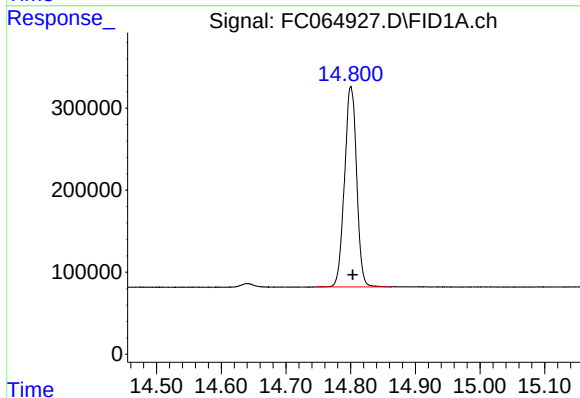
R.T.: 12.951 min
Delta R.T.: -0.003 min
Response: 3055805
Conc: 20.38 ug/ml



#13 n-Docosane (C22)

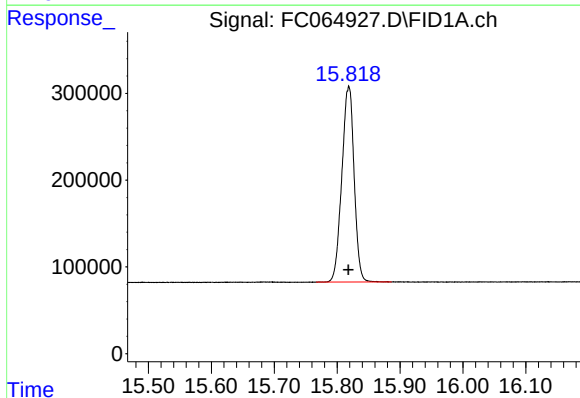
R.T.: 13.702 min
Delta R.T.: 0.000 min
Response: 3308539
Conc: 20.08 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



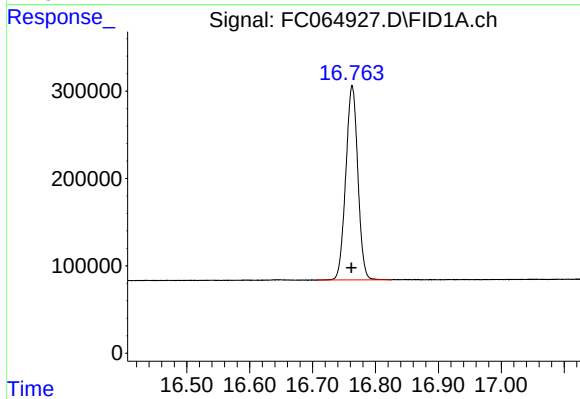
#14 n-Tetracosane (C24)

R.T.: 14.800 min
Delta R.T.: -0.003 min
Response: 3184682
Conc: 20.01 ug/ml



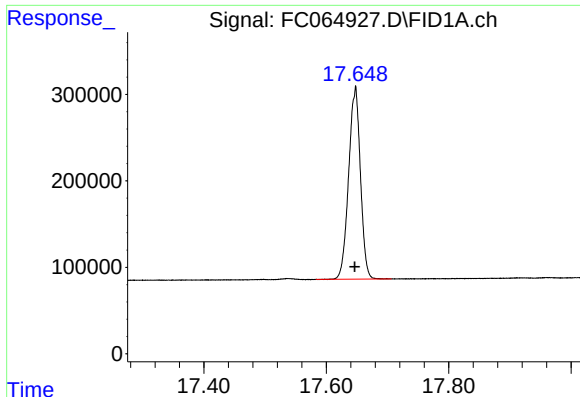
#15 n-Hexacosane (C26)

R.T.: 15.819 min
Delta R.T.: 0.000 min
Response: 3062653
Conc: 19.99 ug/ml



#16 n-Octacosane (C28)

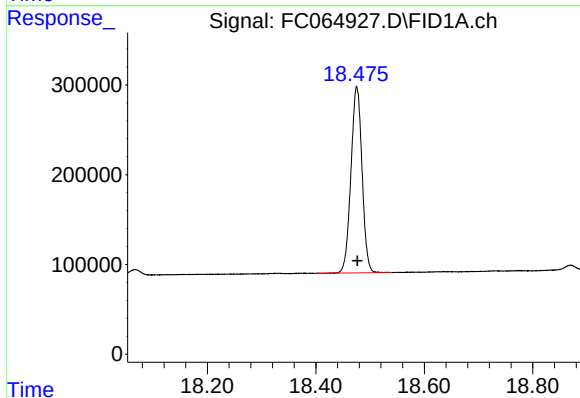
R.T.: 16.763 min
Delta R.T.: 0.001 min
Response: 2963828
Conc: 20.11 ug/ml



#17 n-Tricontane (C30)

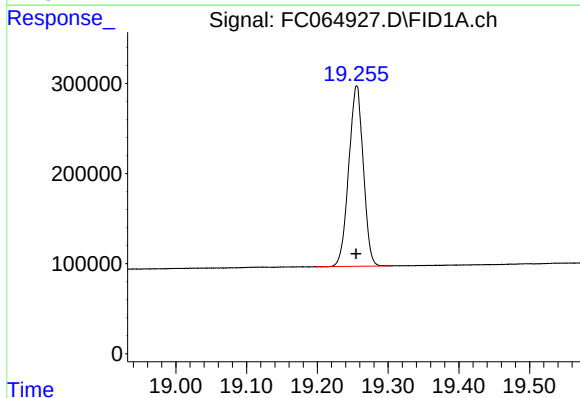
R.T.: 17.648 min
Delta R.T.: 0.001 min
Response: 2971255
Conc: 20.31 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



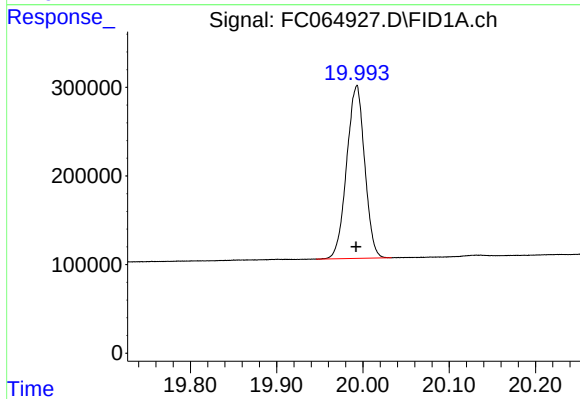
#18 n-Dotriacontane (C32)

R.T.: 18.475 min
Delta R.T.: -0.001 min
Response: 2947641
Conc: 20.41 ug/ml



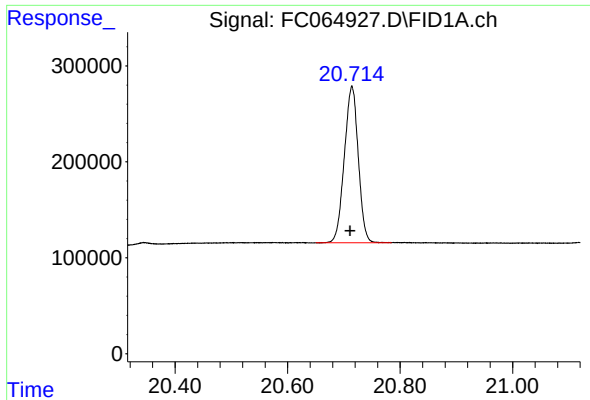
#19 n-Tetratriacontane (C34)

R.T.: 19.256 min
Delta R.T.: 0.001 min
Response: 2861047
Conc: 20.33 ug/ml



#20 n-Hexatriacontane (C36)

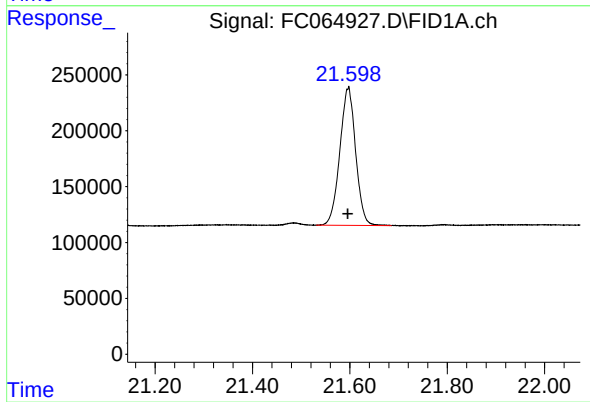
R.T.: 19.993 min
Delta R.T.: 0.000 min
Response: 2825021
Conc: 20.42 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.714 min
Delta R.T.: 0.003 min
Response: 2803551
Conc: 21.16 ug/ml

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FID_C
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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.597 min
Delta R.T.: 0.002 min
Response: 2777983
Conc: 22.20 ug/ml