

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC032421AL\
 Data File : FC0CCCC.D
 Signal(s) : FID1A.CH
 Acq On : 24 Mar 2021 16:55
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Mar 25 01:26:44 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 031721.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 17 03:47:28 2021
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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)	11.570	2605747	19.440 ug/ml
Spiked Amount 50.000		Recovery =	38.88%
12) S 1-chlorooctadecane (S...	13.008	2017689	18.707 ug/ml
Spiked Amount 50.000		Recovery =	37.41%
Target Compounds			
1) T n-Nonane (C9)	3.326	2547827	21.936 ug/ml
2) T n-Decane (C10)	4.393	2587518	22.081 ug/ml
3) T A~Naphthalene (C11.7)	5.979	2855985	21.814 ug/ml
4) T n-Dodecane (C12)	6.413	2647073	22.047 ug/ml
5) T A~2-methylnaphthalene...	7.038	2913563	21.766 ug/ml
6) T n-Tetradecane (C14)	8.209	2623291	21.690 ug/ml
7) T n-Hexadecane (C16)	9.811	2529953	21.036 ug/ml
8) T n-Octadecane (C18)	11.253	2548508	20.199 ug/ml
10) T n-Eicosane (C20)	12.563	2452355	19.205 ug/ml
11) T n-Heneicosane (C21)	13.174	2388498	18.791 ug/ml
13) T n-Docosane (C22)	13.761	2343064	18.496 ug/ml
14) T n-Tetracosane (C24)	14.864	2220370	17.774 ug/ml
15) T n-Hexacosane (C26)	15.884	2112467	17.544 ug/ml
16) T n-Octacosane (C28)	16.832	2054698	17.821 ug/ml
17) T n-Tricontane (C30)	17.721	2051601	18.831 ug/ml
18) T n-Dotriacontane (C32)	18.553	2023004	20.162 ug/ml
19) T n-Tetratriacontane (C34)	19.335	2045694	22.255 ug/ml
20) T n-Hexatriacontane (C36)	20.073	2088991	22.909 ug/ml
21) T n-Octatriacontane (C38)	20.807	2037894	24.970 ug/ml
22) T n-Tetracontane (C40)	21.715	2002720	23.250 ug/ml

(f)=RT Delta > 1/2 Window

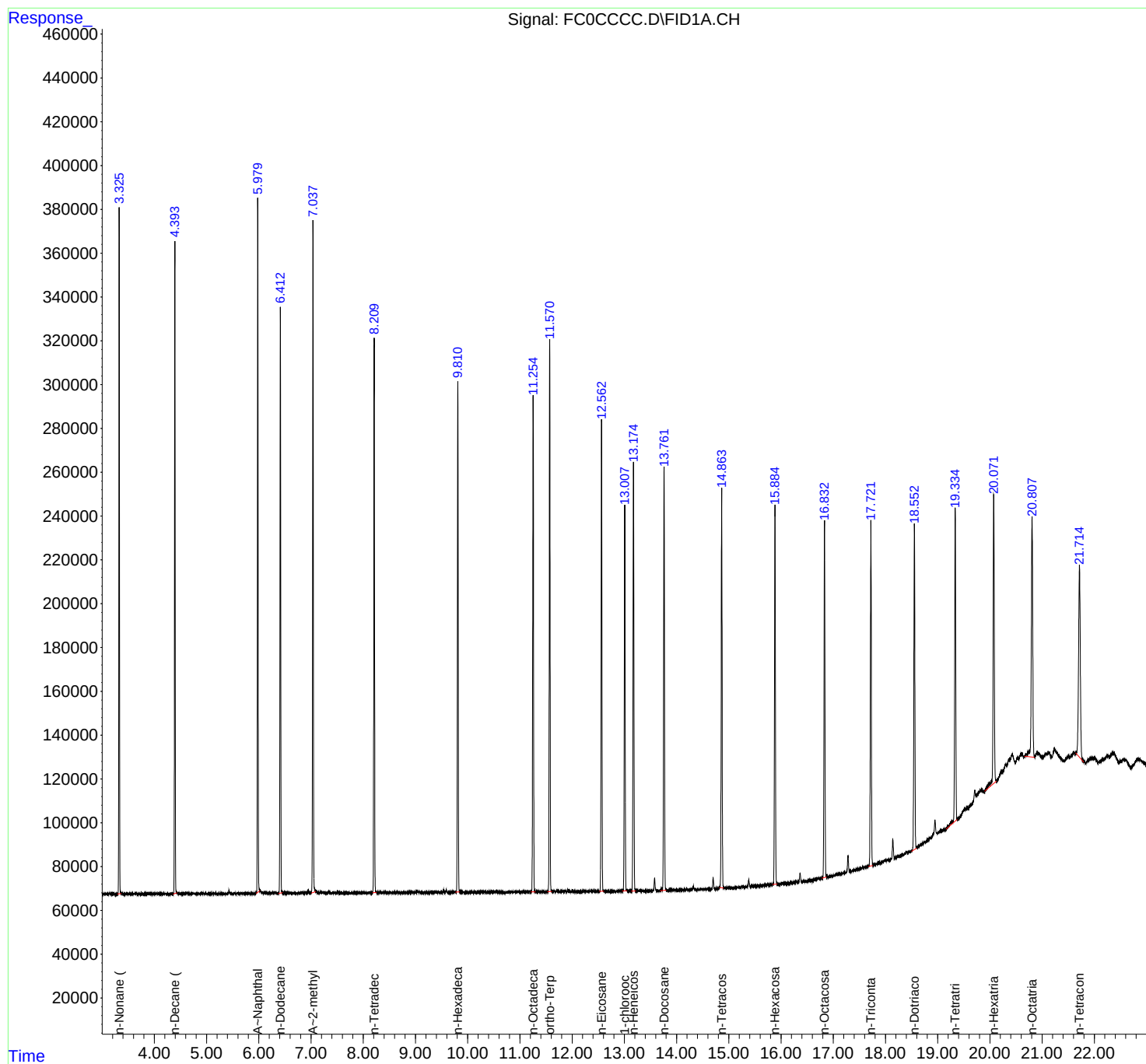
(m)=manual int.

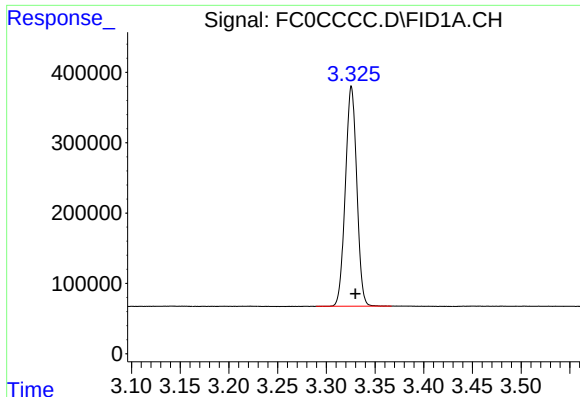
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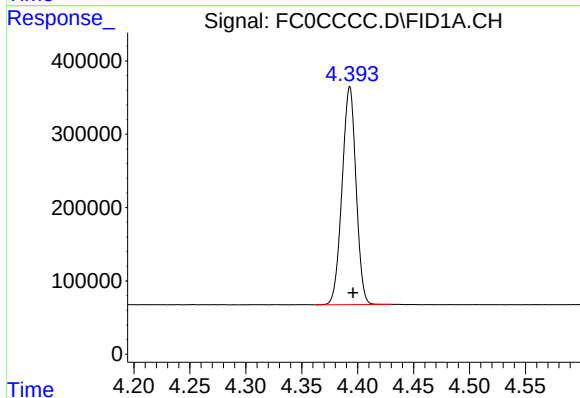




#1 n-Nonane (C9)

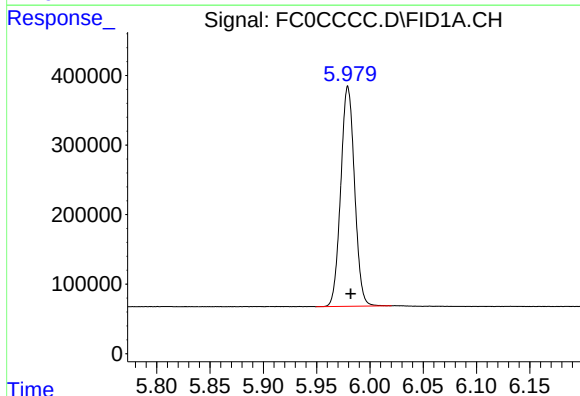
R.T.: 3.326 min
Delta R.T.: -0.004 min
Response: 2547827
Conc: 21.94 ug/ml

Instrument :
FID_C
ClientSampleId :



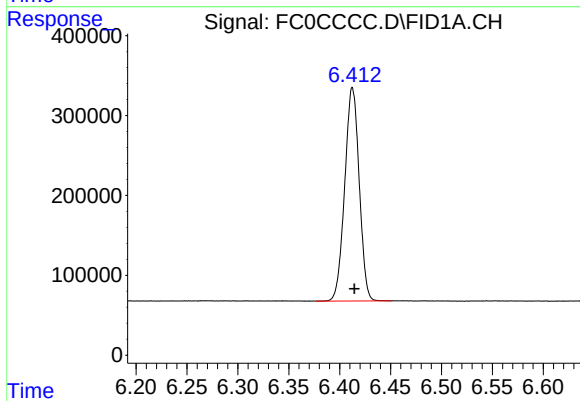
#2 n-Decane (C10)

R.T.: 4.393 min
Delta R.T.: -0.003 min
Response: 2587518
Conc: 22.08 ug/ml



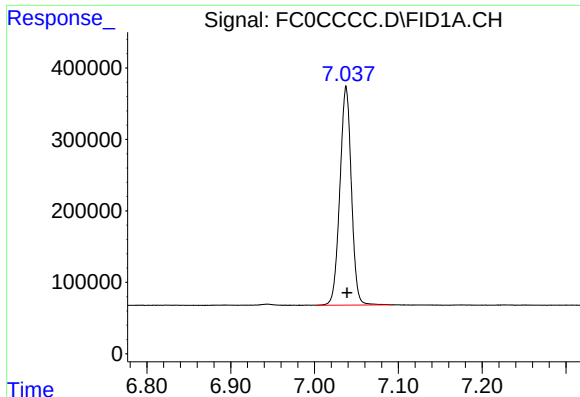
#3 A~Naphthalene (C11.7)

R.T.: 5.979 min
Delta R.T.: -0.003 min
Response: 2855985
Conc: 21.81 ug/ml



#4 n-Dodecane (C12)

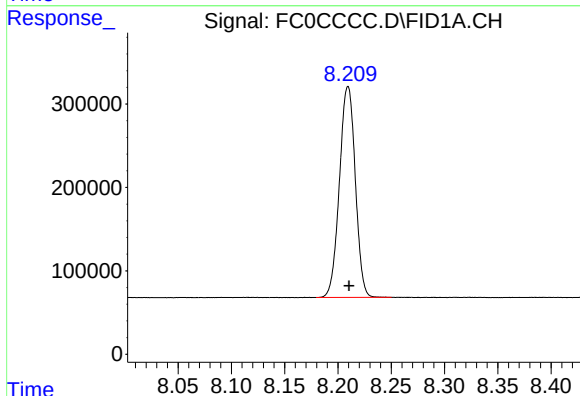
R.T.: 6.413 min
Delta R.T.: -0.002 min
Response: 2647073
Conc: 22.05 ug/ml



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

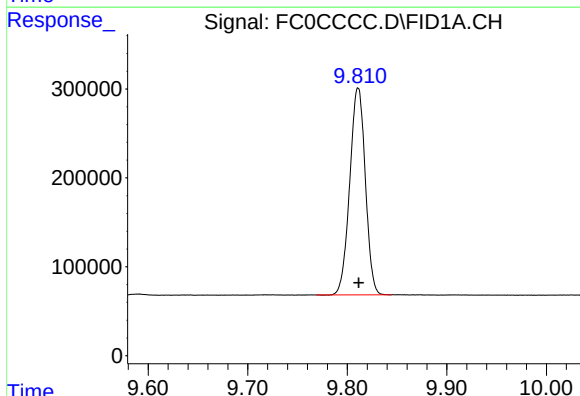
R.T.: 7.038 min
Delta R.T.: -0.001 min
Response: 2913563
Conc: 21.77 ug/ml

Instrument :
FID_C
ClientSampleId :



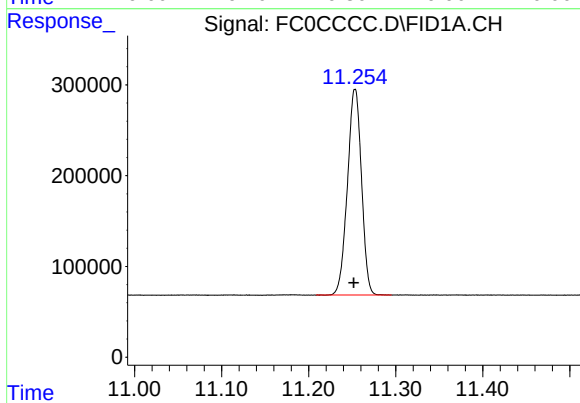
#6 n-Tetradecane (C14)

R.T.: 8.209 min
Delta R.T.: -0.001 min
Response: 2623291
Conc: 21.69 ug/ml



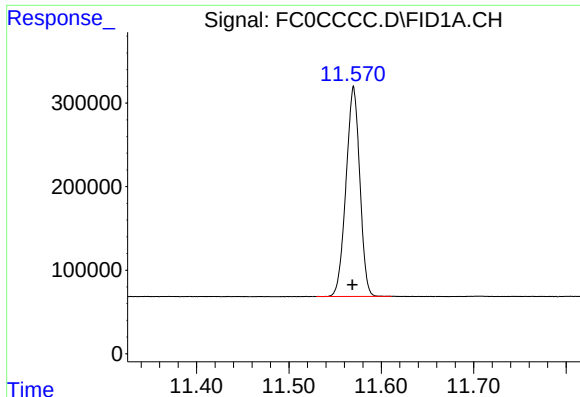
#7 n-Hexadecane (C16)

R.T.: 9.811 min
Delta R.T.: 0.000 min
Response: 2529953
Conc: 21.04 ug/ml



#8 n-Octadecane (C18)

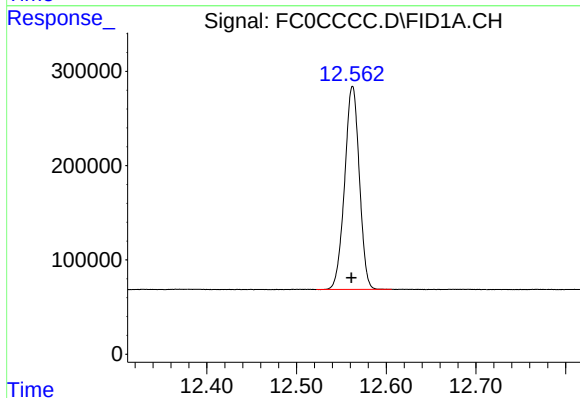
R.T.: 11.253 min
Delta R.T.: 0.002 min
Response: 2548508
Conc: 20.20 ug/ml



#9 ortho-Terphenyl (SURR)

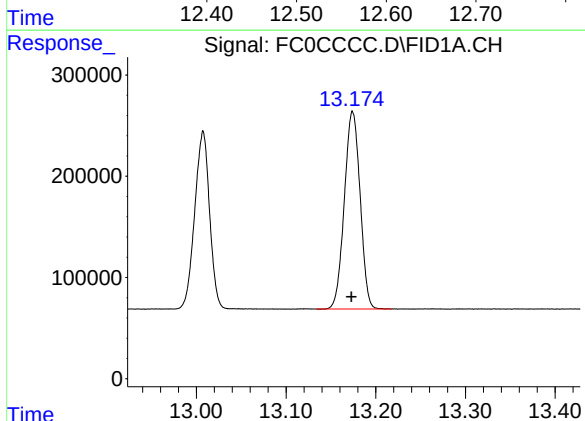
R.T.: 11.570 min
Delta R.T.: 0.002 min
Response: 2605747
Conc: 19.44 ug/ml

Instrument :
FID_C
ClientSampleId :



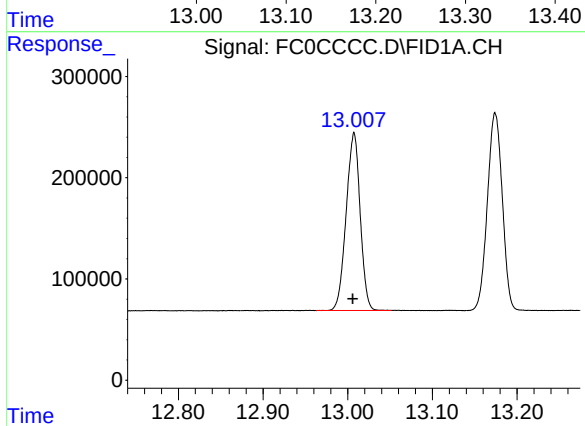
#10 n-Eicosane (C20)

R.T.: 12.563 min
Delta R.T.: 0.001 min
Response: 2452355
Conc: 19.20 ug/ml



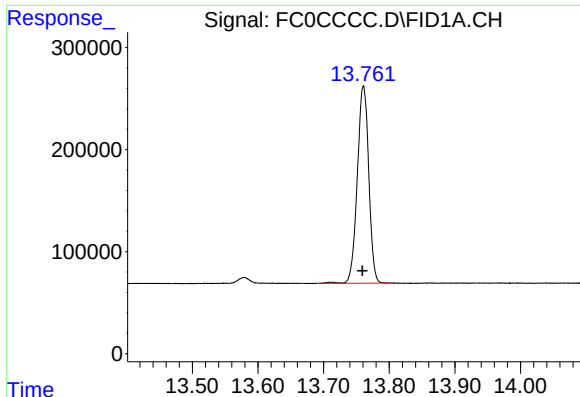
#11 n-Heneicosane (C21)

R.T.: 13.174 min
Delta R.T.: 0.001 min
Response: 2388498
Conc: 18.79 ug/ml



#12 1-chlorooctadecane (SURR)

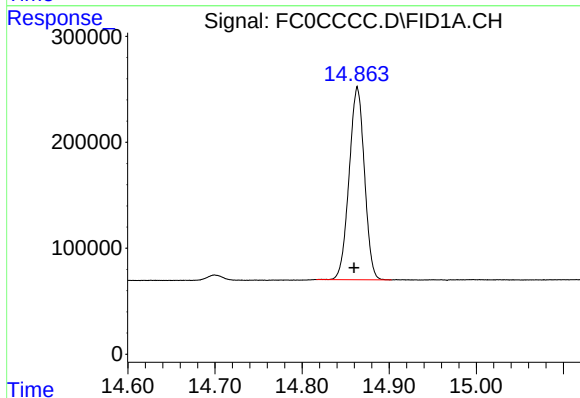
R.T.: 13.008 min
Delta R.T.: 0.002 min
Response: 2017689
Conc: 18.71 ug/ml



#13 n-Docosane (C22)

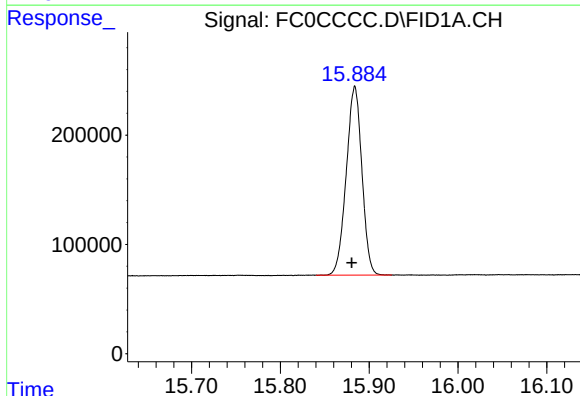
R.T.: 13.761 min
Delta R.T.: 0.001 min
Response: 2343064
Conc: 18.50 ug/ml

Instrument :
FID_C
ClientSampleId :



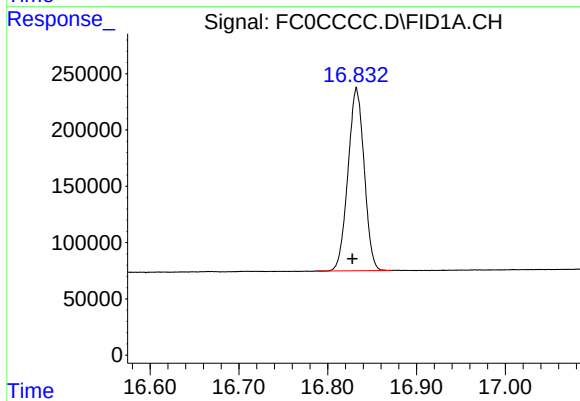
#14 n-Tetracosane (C24)

R.T.: 14.864 min
Delta R.T.: 0.004 min
Response: 2220370
Conc: 17.77 ug/ml



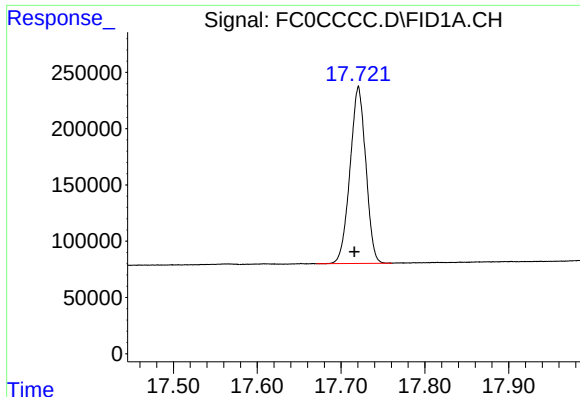
#15 n-Hexacosane (C26)

R.T.: 15.884 min
Delta R.T.: 0.003 min
Response: 2112467
Conc: 17.54 ug/ml



#16 n-Octacosane (C28)

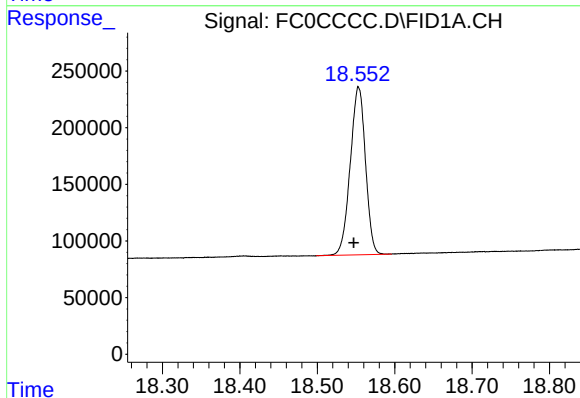
R.T.: 16.832 min
Delta R.T.: 0.005 min
Response: 2054698
Conc: 17.82 ug/ml



#17 n-Tricontane (C30)

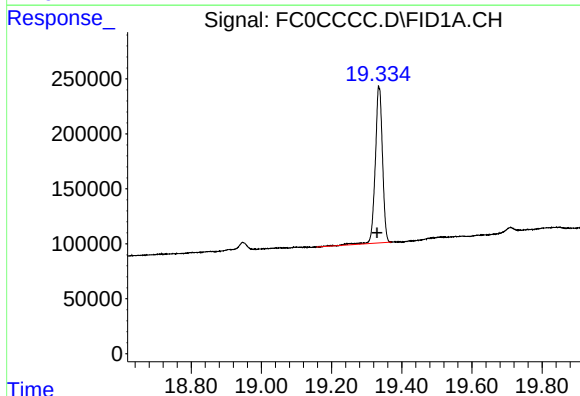
R.T.: 17.721 min
Delta R.T.: 0.005 min
Response: 2051601
Conc: 18.83 ug/ml

Instrument :
FID_C
ClientSampleId :



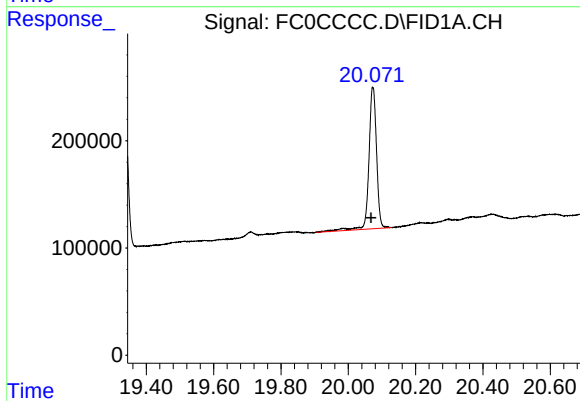
#18 n-Dotriacontane (C32)

R.T.: 18.553 min
Delta R.T.: 0.006 min
Response: 2023004
Conc: 20.16 ug/ml



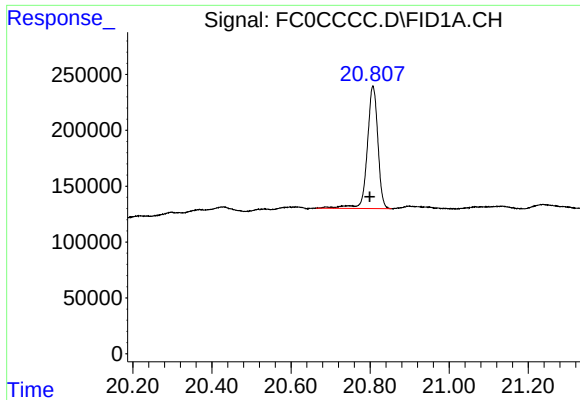
#19 n-Tetratriacontane (C34)

R.T.: 19.335 min
Delta R.T.: 0.006 min
Response: 2045694
Conc: 22.26 ug/ml



#20 n-Hexatriacontane (C36)

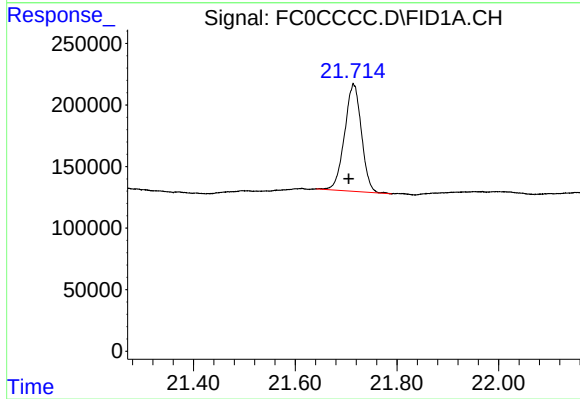
R.T.: 20.073 min
Delta R.T.: 0.005 min
Response: 2088991
Conc: 22.91 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.807 min
Delta R.T.: 0.008 min
Response: 2037894
Conc: 24.97 ug/ml

Instrument :
FID_C
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.715 min
Delta R.T.: 0.009 min
Response: 2002720
Conc: 23.25 ug/ml