

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC042121AL\
 Data File : FC053301.D
 Signal(s) : FID1A.CH
 Acq On : 21 Apr 2021 17:43
 Operator : DD\AJ
 Sample : M2109-01MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Apr 22 04:15:29 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 042021.M
 Quant Title : GC Extractables
 QLast Update : Wed Apr 21 11:02:12 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)	11.577	28943259	209.135 ug/ml
Spiked Amount 50.000		Recovery =	418.27%
12) S 1-chlorooctadecane (S...	13.007	14630325	135.176 ug/ml
Spiked Amount 50.000		Recovery =	270.35%
Target Compounds			
1) T n-Nonane (C9)	3.278	145575	1.255 ug/ml
2) T n-Decane (C10)	4.388	10968725	93.722 ug/ml
3) T A~Naphthalene (C11.7)	5.970	20969919	161.190 ug/ml
4) T n-Dodecane (C12)	6.405	15216942	127.515 ug/ml
5) T A~2-methylnaphthalene...	7.046	30716474	232.387 ug/ml
6) T n-Tetradecane (C14)	8.177	20778601	170.729 ug/ml
7) T n-Hexadecane (C16)	9.771	16508933	137.201 ug/ml
8) T n-Octadecane (C18)	11.261	22073098	174.198 ug/ml
10) T n-Eicosane (C20)	12.567	23242193	181.240 ug/ml
11) T n-Heneicosane (C21)	13.175	13563000	105.608 ug/ml
13) T n-Docosane (C22)	13.759	12719058	98.689 ug/ml
14) T n-Tetracosane (C24)	14.851	16570257	128.297 ug/ml
15) T n-Hexacosane (C26)	15.880	7764723	60.419 ug/ml
16) T n-Octacosane (C28)	16.828	7894544	60.958 ug/ml
17) T n-Tricontane (C30)	17.718	8300697	61.642 ug/ml
18) T n-Dotriacontane (C32)	18.550	8953728	65.287 ug/ml
19) T n-Tetratriacontane (C34)	19.334	8090670	61.999 ug/ml
20) T n-Hexatriacontane (C36)	20.072	7307957	60.358 ug/ml
21) T n-Octatriacontane (C38)	20.805	6209527	58.930 ug/ml
22) T n-Tetracontane (C40)	21.707	6436505	61.474 ug/ml

(f)=RT Delta > 1/2 Window

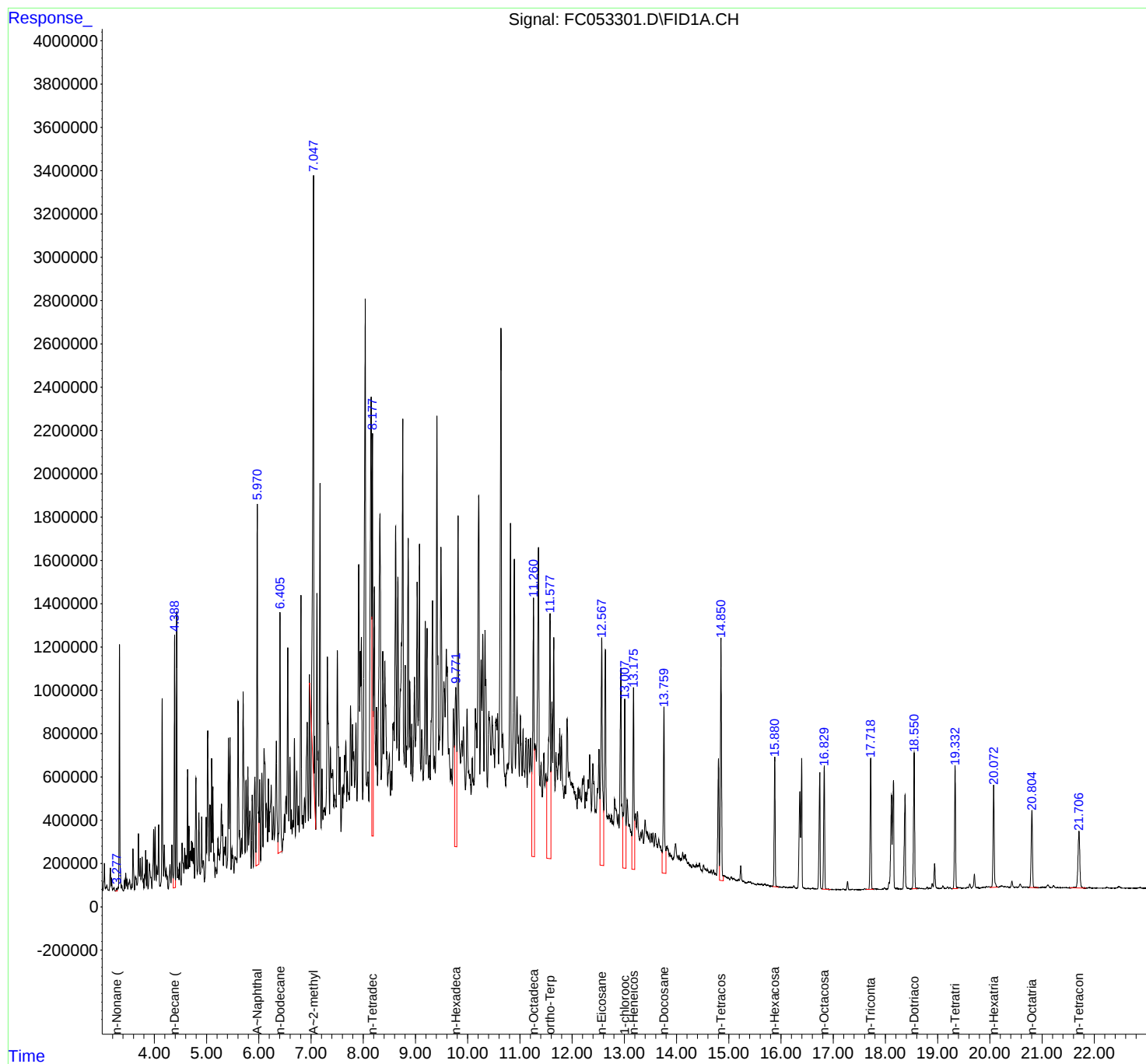
(m)=manual int.

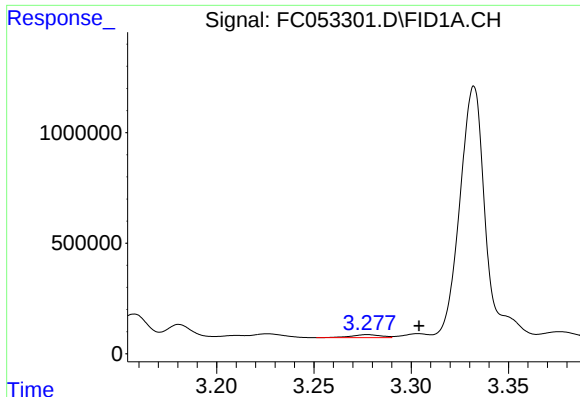
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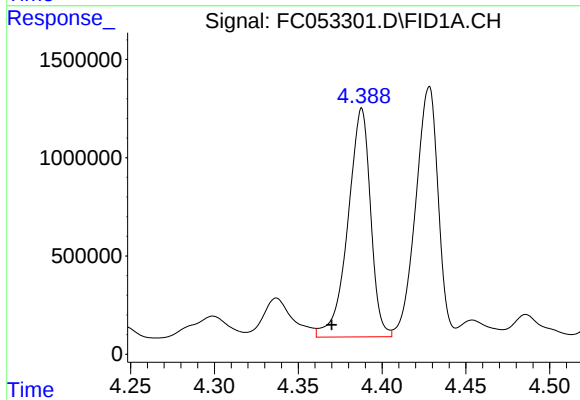




#1 n-Nonane (C9)

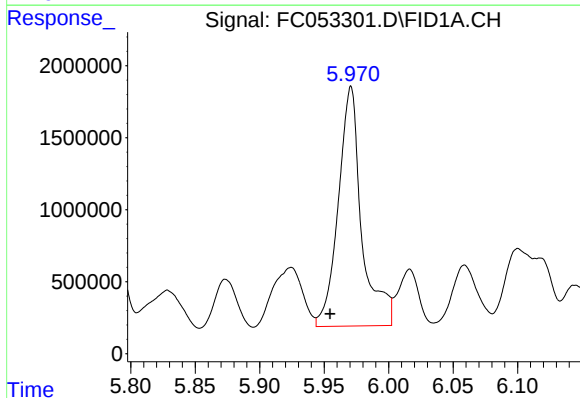
R.T.: 3.278 min
Delta R.T.: -0.026 min
Response: 145575
Conc: 1.25 ug/ml

Instrument :
FID_C
ClientSampleId :



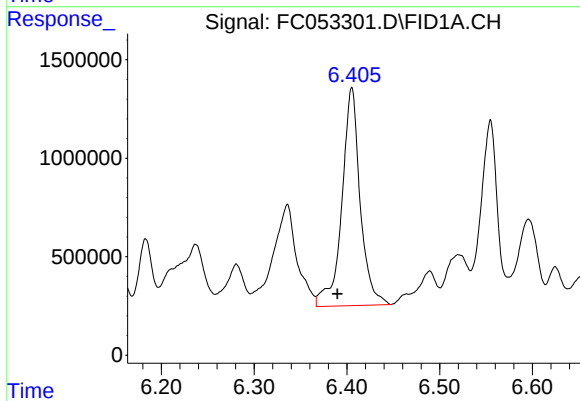
#2 n-Decane (C10)

R.T.: 4.388 min
Delta R.T.: 0.017 min
Response: 10968725
Conc: 93.72 ug/ml



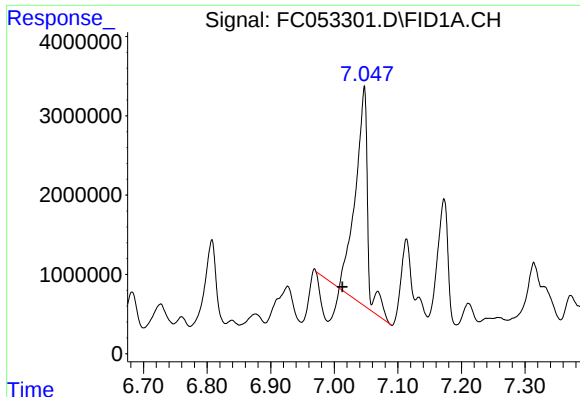
#3 A~Naphthalene (C11.7)

R.T.: 5.970 min
Delta R.T.: 0.016 min
Response: 20969919
Conc: 161.19 ug/ml



#4 n-Dodecane (C12)

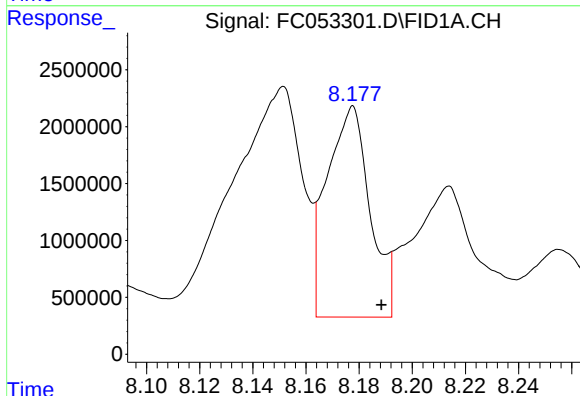
R.T.: 6.405 min
Delta R.T.: 0.015 min
Response: 15216942
Conc: 127.51 ug/ml



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

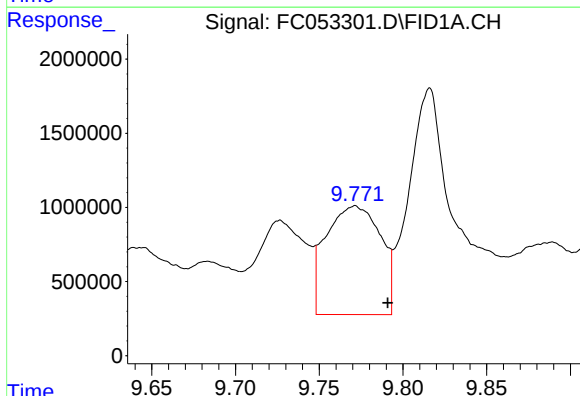
R.T.: 7.046 min
Delta R.T.: 0.033 min
Response: 30716474
Conc: 232.39 ug/ml

Instrument :
FID_C
ClientSampleId :



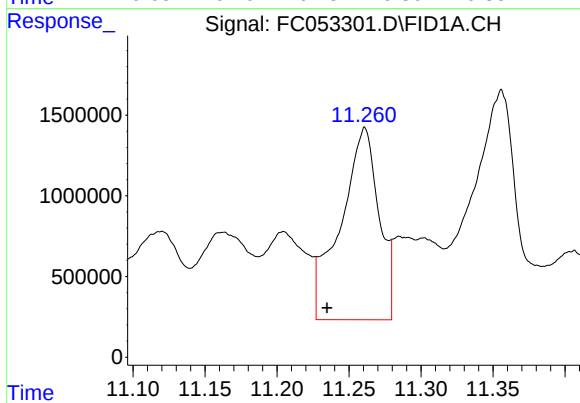
#6 n-Tetradecane (C14)

R.T.: 8.177 min
Delta R.T.: -0.012 min
Response: 20778601
Conc: 170.73 ug/ml



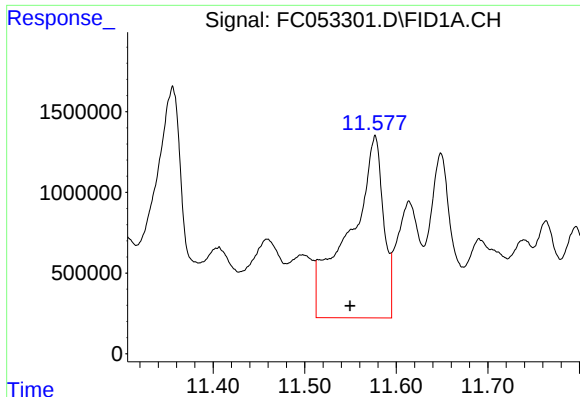
#7 n-Hexadecane (C16)

R.T.: 9.771 min
Delta R.T.: -0.020 min
Response: 16508933
Conc: 137.20 ug/ml



#8 n-Octadecane (C18)

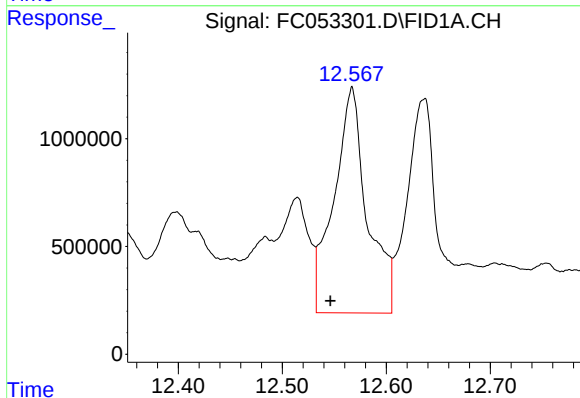
R.T.: 11.261 min
Delta R.T.: 0.026 min
Response: 22073098
Conc: 174.20 ug/ml



#9 ortho-Terphenyl (SURR)

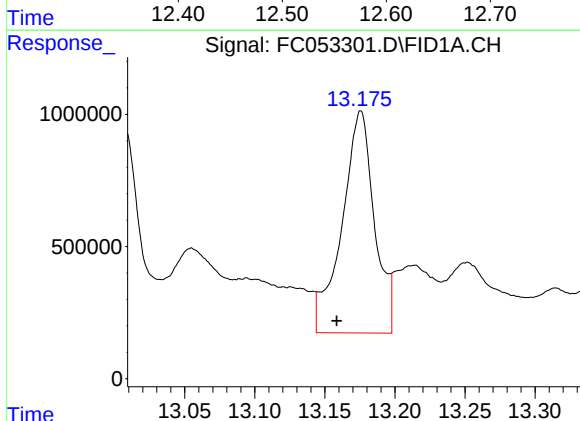
R.T.: 11.577 min
Delta R.T.: 0.027 min
Response: 28943259
Conc: 209.14 ug/ml

Instrument :
FID_C
ClientSampleId :



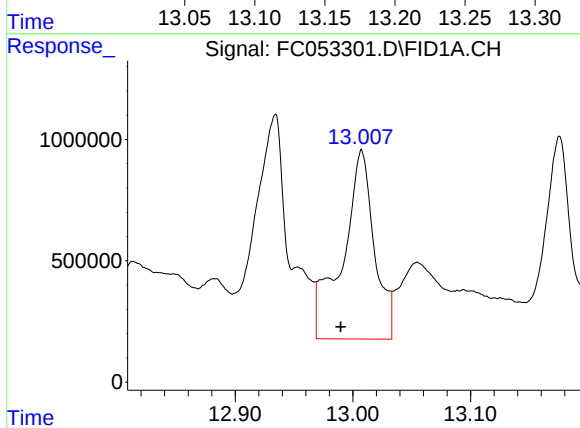
#10 n-Eicosane (C20)

R.T.: 12.567 min
Delta R.T.: 0.021 min
Response: 23242193
Conc: 181.24 ug/ml



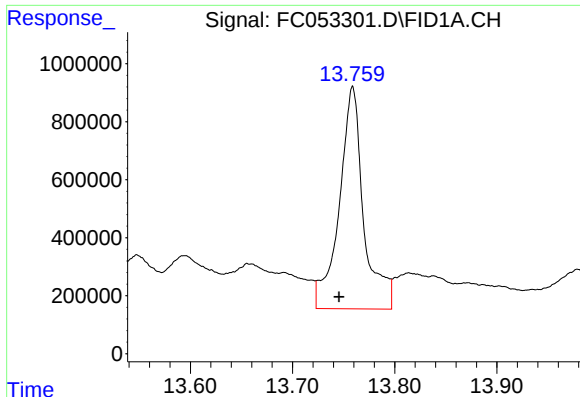
#11 n-Heneicosane (C21)

R.T.: 13.175 min
Delta R.T.: 0.017 min
Response: 13563000
Conc: 105.61 ug/ml



#12 1-chlorooctadecane (SURR)

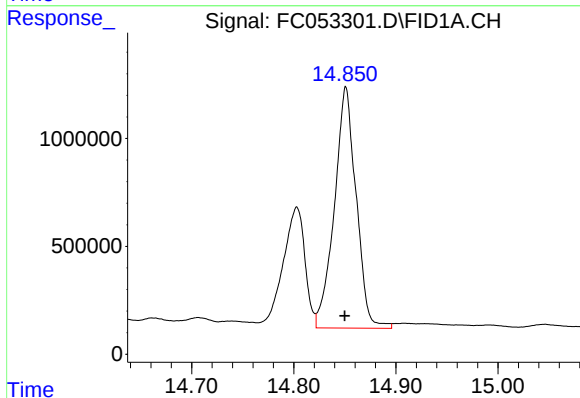
R.T.: 13.007 min
Delta R.T.: 0.018 min
Response: 14630325
Conc: 135.18 ug/ml



#13 n-Docosane (C22)

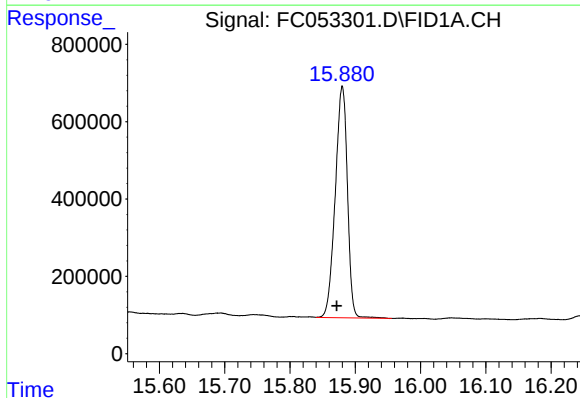
R.T.: 13.759 min
Delta R.T.: 0.013 min
Response: 12719058
Conc: 98.69 ug/ml

Instrument :
FID_C
ClientSampleId :



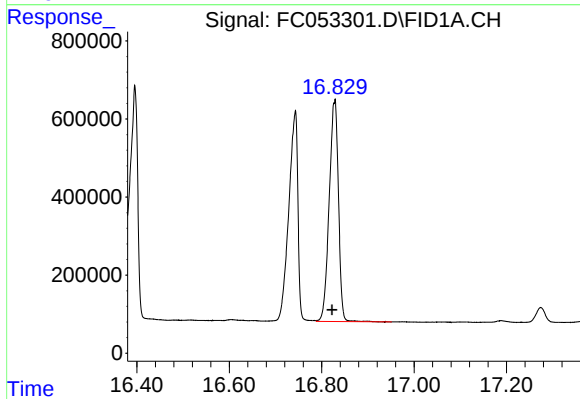
#14 n-Tetracosane (C24)

R.T.: 14.851 min
Delta R.T.: 0.001 min
Response: 16570257
Conc: 128.30 ug/ml



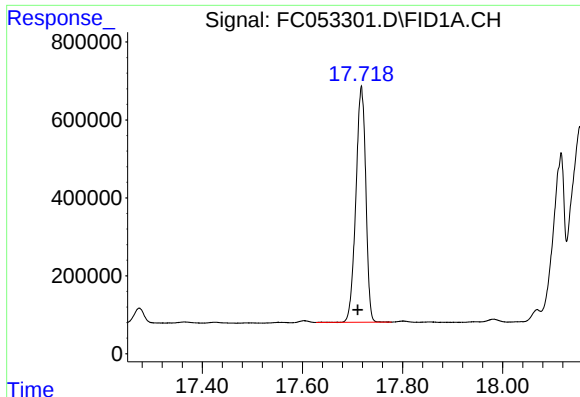
#15 n-Hexacosane (C26)

R.T.: 15.880 min
Delta R.T.: 0.009 min
Response: 7764723
Conc: 60.42 ug/ml



#16 n-Octacosane (C28)

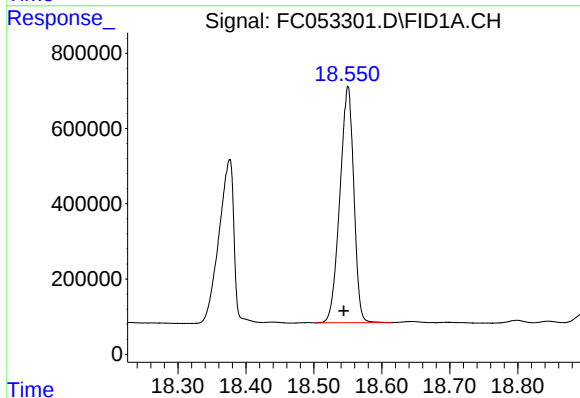
R.T.: 16.828 min
Delta R.T.: 0.006 min
Response: 7894544
Conc: 60.96 ug/ml



#17 n-Tricontane (C30)

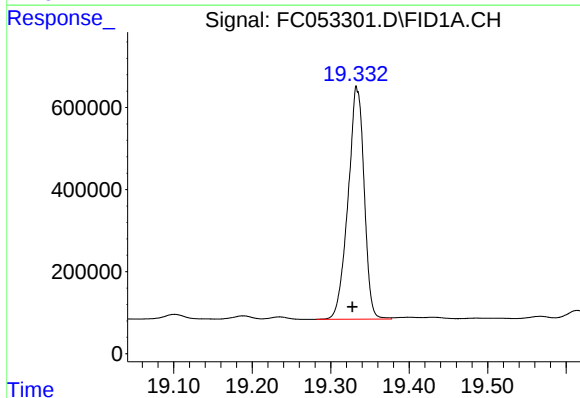
R.T.: 17.718 min
Delta R.T.: 0.007 min
Response: 8300697
Conc: 61.64 ug/ml

Instrument :
FID_C
ClientSampleId :



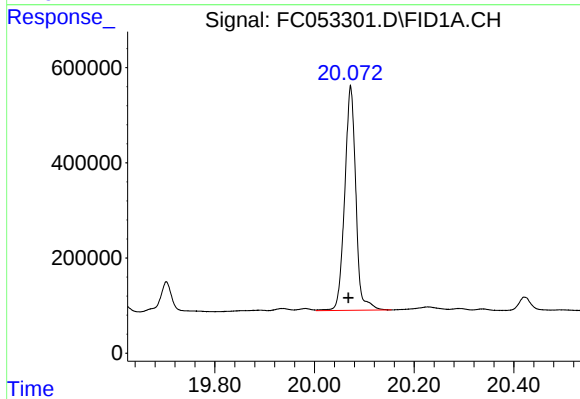
#18 n-Dotriacontane (C32)

R.T.: 18.550 min
Delta R.T.: 0.006 min
Response: 8953728
Conc: 65.29 ug/ml



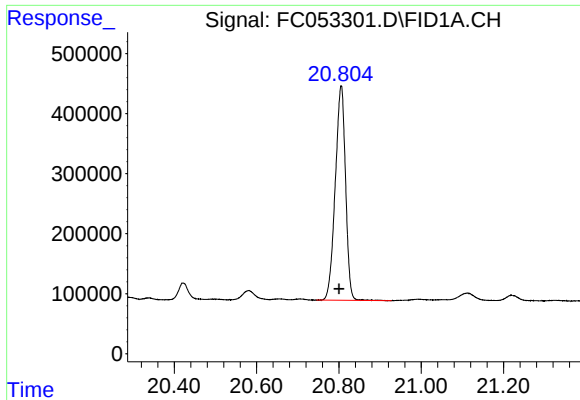
#19 n-Tetratriacontane (C34)

R.T.: 19.334 min
Delta R.T.: 0.006 min
Response: 8090670
Conc: 62.00 ug/ml



#20 n-Hexatriacontane (C36)

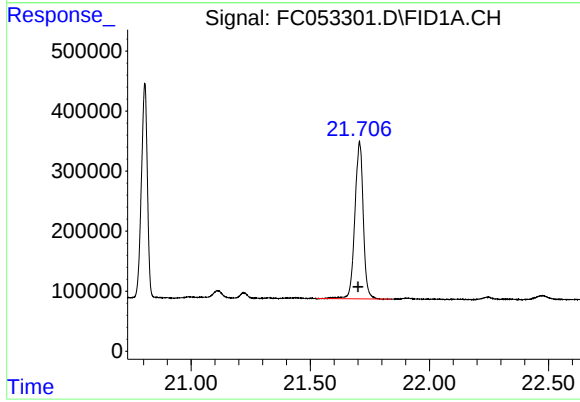
R.T.: 20.072 min
Delta R.T.: 0.005 min
Response: 7307957
Conc: 60.36 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.805 min
Delta R.T.: 0.005 min
Response: 6209527
Conc: 58.93 ug/ml

Instrument :
FID_C
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.707 min
Delta R.T.: 0.005 min
Response: 6436505
Conc: 61.47 ug/ml