

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC060421AL\
 Data File : FC0DFEE.D
 Signal(s) : FID1A.CH
 Acq On : 06 Jun 2021 00:52
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jun 07 03:11:44 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 052721.M
 Quant Title : GC Extractables
 QLast Update : Fri May 28 09:04:47 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)	11.365	2727280	19.533 ug/ml
Spiked Amount 50.000		Recovery =	39.07%
12) S 1-chlorooctadecane (S...	12.810	2113806	18.853 ug/ml
Spiked Amount 50.000		Recovery =	37.71%
Target Compounds			
1) T n-Nonane (C9)	3.163	2569712	21.751 ug/ml
2) T n-Decane (C10)	4.220	2620313	21.984 ug/ml
3) T A~Naphthalene (C11.7)	5.790	2858073	21.853 ug/ml
4) T n-Dodecane (C12)	6.231	2670773	21.756 ug/ml
5) T A~2-methylnaphthalene...	6.844	2916890	21.851 ug/ml
6) T n-Tetradecane (C14)	8.022	2681108	21.615 ug/ml
7) T n-Hexadecane (C16)	9.620	2608156	20.934 ug/ml
8) T n-Octadecane (C18)	11.060	2650742	20.125 ug/ml
10) T n-Eicosane (C20)	12.367	2582598	19.268 ug/ml
11) T n-Heneicosane (C21)	12.978	2541678	18.950 ug/ml
13) T n-Docosane (C22)	13.564	2487742	18.510 ug/ml
14) T n-Tetracosane (C24)	14.666	2396371	17.848 ug/ml
15) T n-Hexacosane (C26)	15.686	2314659	17.464 ug/ml
16) T n-Octacosane (C28)	16.636	2276978	17.245 ug/ml
17) T n-Tricontane (C30)	17.522	2268237	17.299 ug/ml
18) T n-Dotriacontane (C32)	18.357	2233163	17.311 ug/ml
19) T n-Tetratriacontane (C34)	19.140	2195764	17.999 ug/ml
20) T n-Hexatriacontane (C36)	19.880	2109266	18.683 ug/ml
21) T n-Octatriacontane (C38)	20.590	1996907	19.804 ug/ml
22) T n-Tetracontane (C40)	21.425	2076809	20.578 ug/ml

(f)=RT Delta > 1/2 Window

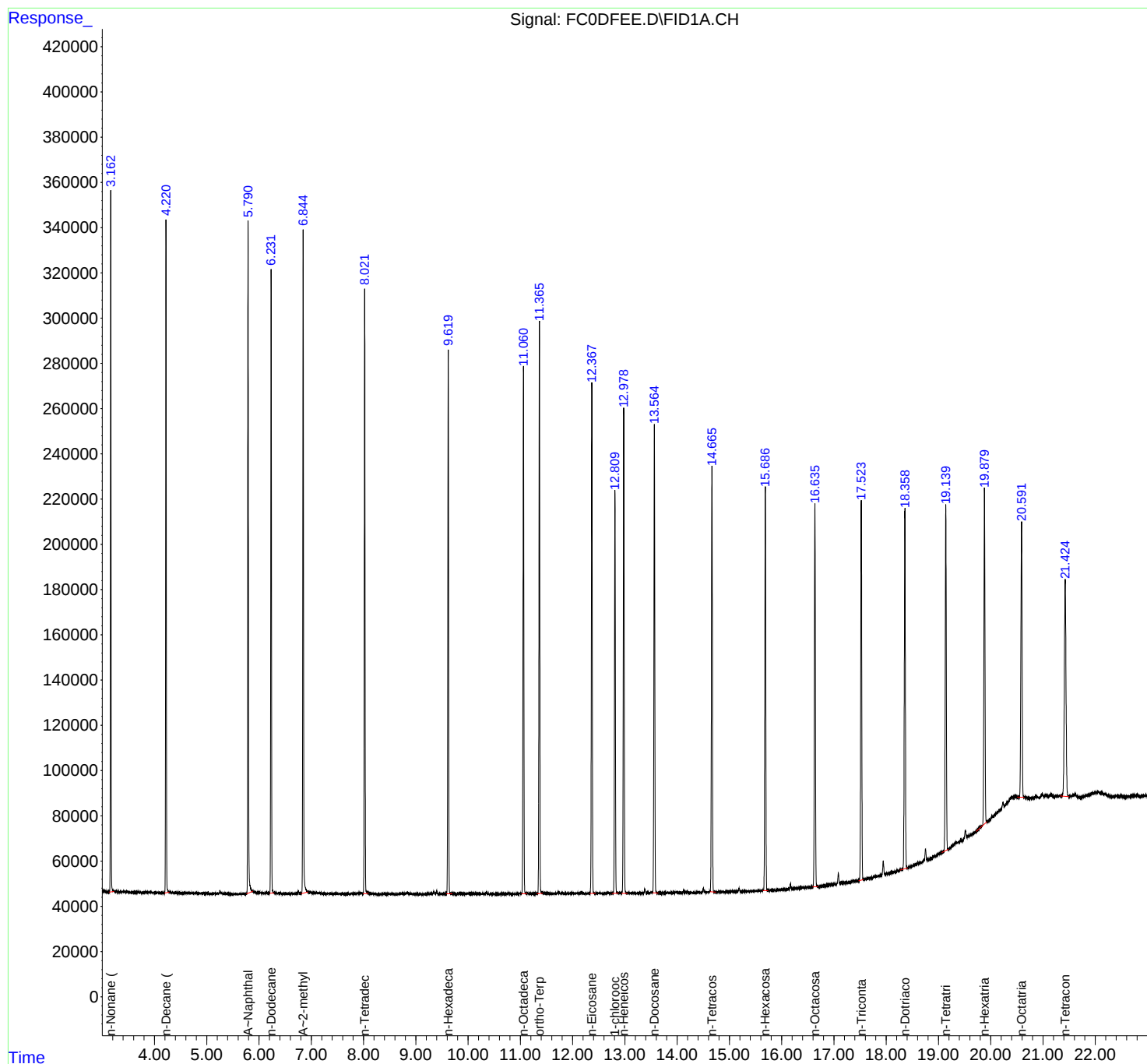
(m)=manual int.

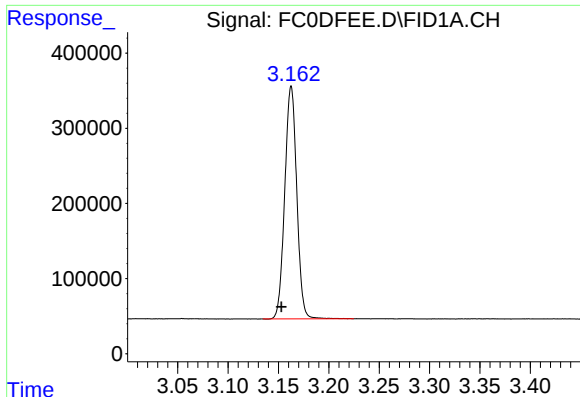
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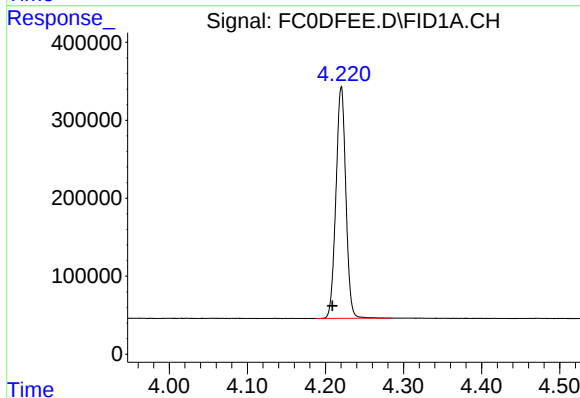




#1 n-Nonane (C9)

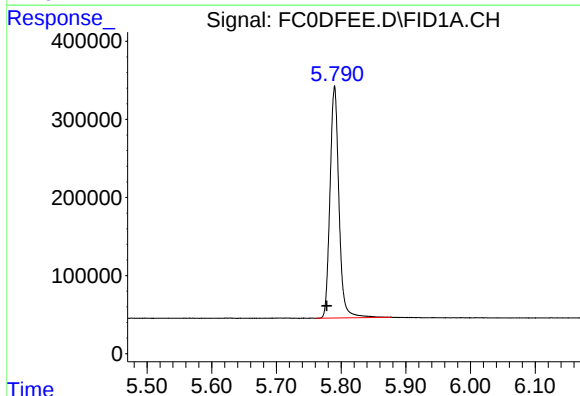
R.T.: 3.163 min
Delta R.T.: 0.010 min
Response: 2569712
Conc: 21.75 ug/ml

Instrument :
FID_C
ClientSampleId :



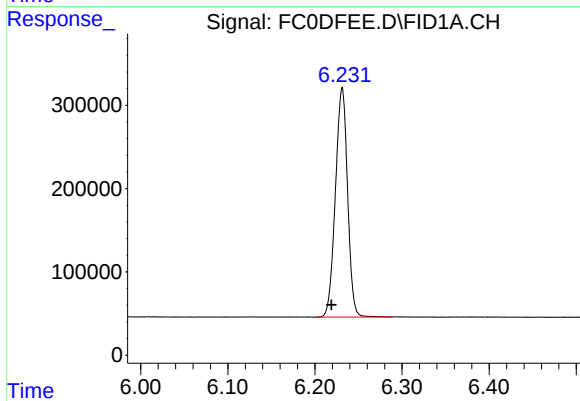
#2 n-Decane (C10)

R.T.: 4.220 min
Delta R.T.: 0.011 min
Response: 2620313
Conc: 21.98 ug/ml



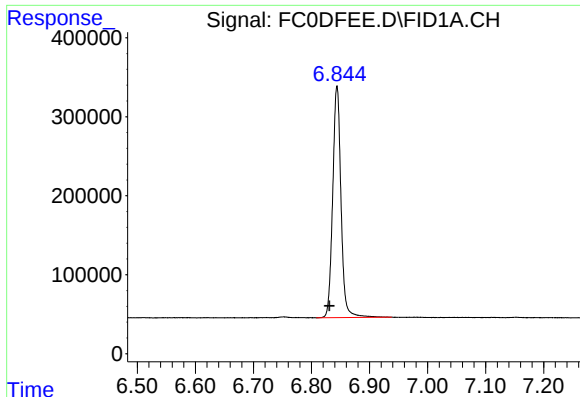
#3 A~Naphthalene (C11.7)

R.T.: 5.790 min
Delta R.T.: 0.012 min
Response: 2858073
Conc: 21.85 ug/ml



#4 n-Dodecane (C12)

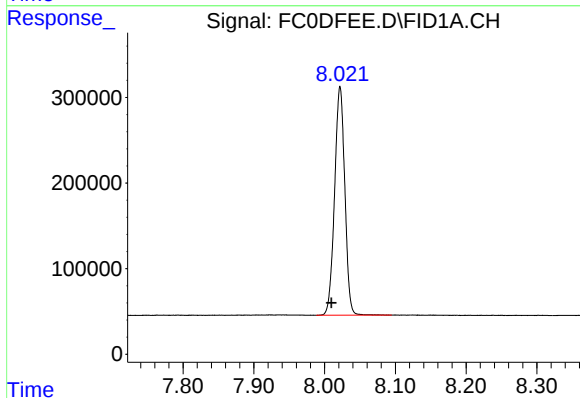
R.T.: 6.231 min
Delta R.T.: 0.012 min
Response: 2670773
Conc: 21.76 ug/ml



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

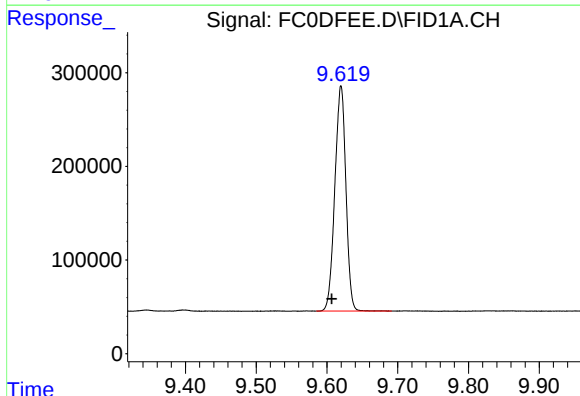
R.T.: 6.844 min
Delta R.T.: 0.013 min
Response: 2916890
Conc: 21.85 ug/ml

Instrument :
FID_C
ClientSampleId :



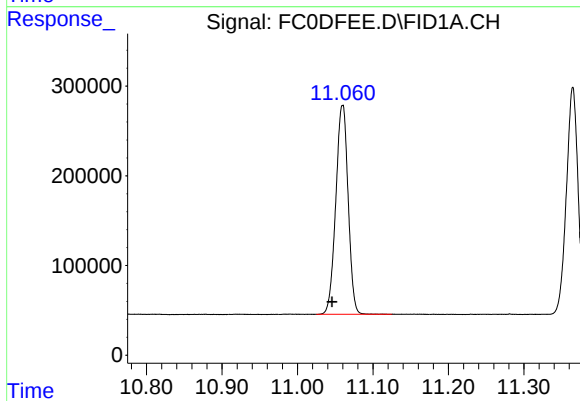
#6 n-Tetradecane (C14)

R.T.: 8.022 min
Delta R.T.: 0.012 min
Response: 2681108
Conc: 21.61 ug/ml



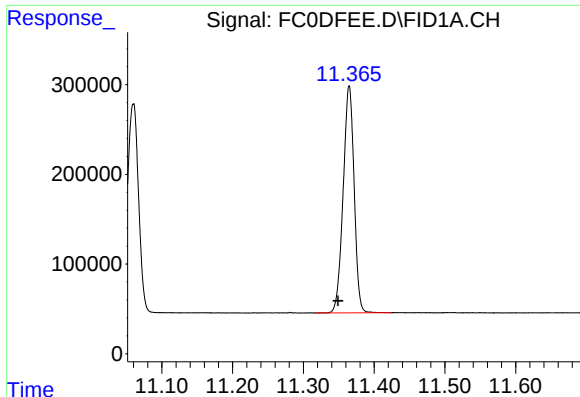
#7 n-Hexadecane (C16)

R.T.: 9.620 min
Delta R.T.: 0.013 min
Response: 2608156
Conc: 20.93 ug/ml



#8 n-Octadecane (C18)

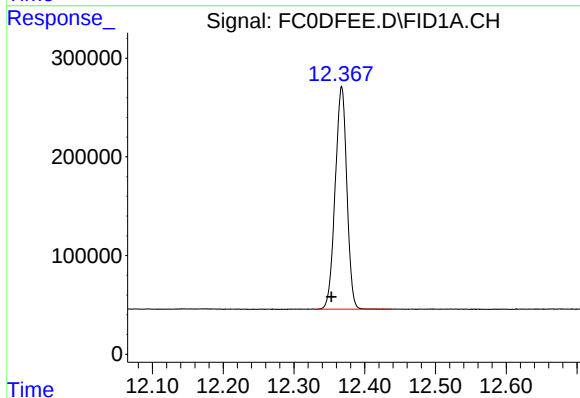
R.T.: 11.060 min
Delta R.T.: 0.014 min
Response: 2650742
Conc: 20.12 ug/ml



#9 ortho-Terphenyl (SURR)

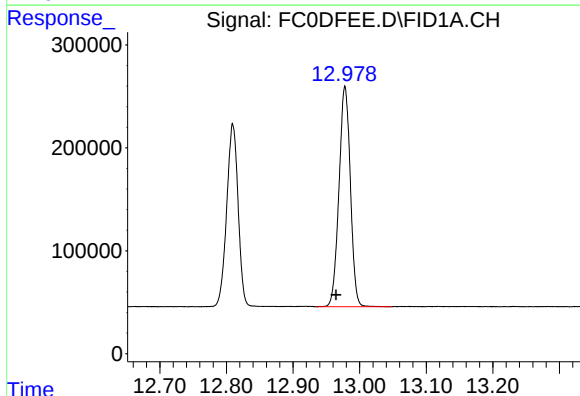
R.T.: 11.365 min
Delta R.T.: 0.016 min
Response: 2727280
Conc: 19.53 ug/ml

Instrument :
FID_C
ClientSampleId :



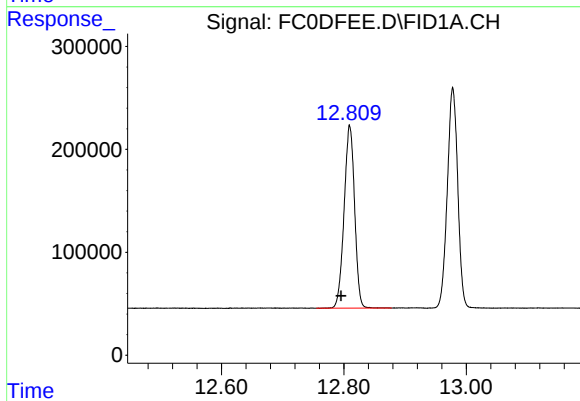
#10 n-Eicosane (C20)

R.T.: 12.367 min
Delta R.T.: 0.014 min
Response: 2582598
Conc: 19.27 ug/ml



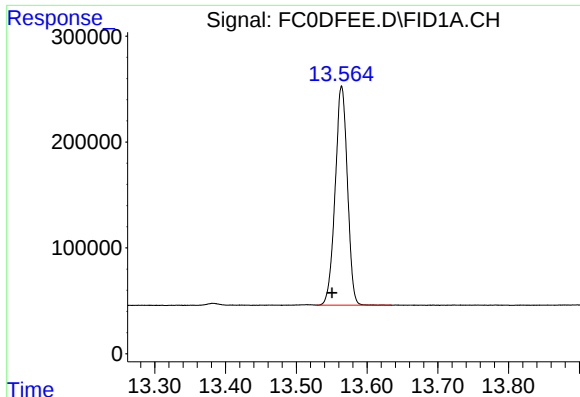
#11 n-Heneicosane (C21)

R.T.: 12.978 min
Delta R.T.: 0.013 min
Response: 2541678
Conc: 18.95 ug/ml



#12 1-chlorooctadecane (SURR)

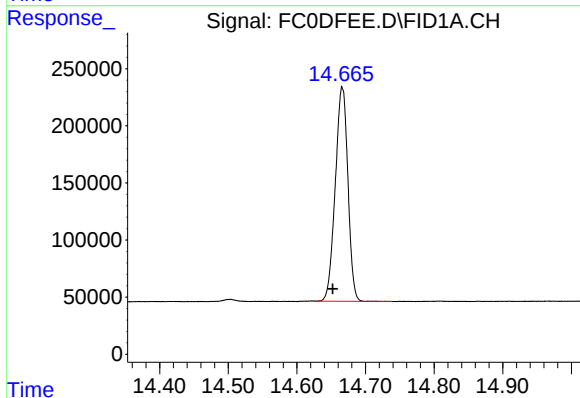
R.T.: 12.810 min
Delta R.T.: 0.014 min
Response: 2113806
Conc: 18.85 ug/ml



#13 n-Docosane (C22)

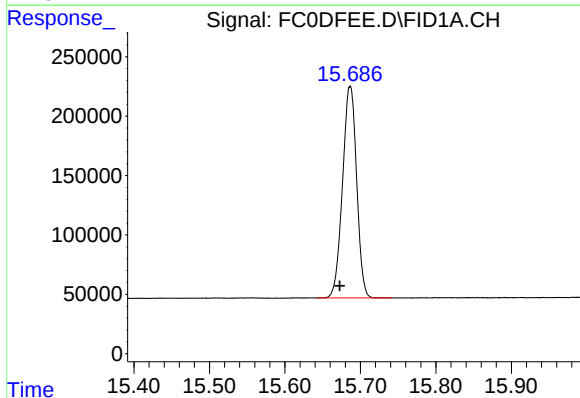
R.T.: 13.564 min
Delta R.T.: 0.014 min
Response: 2487742
Conc: 18.51 ug/ml

Instrument :
FID_C
ClientSampleId :



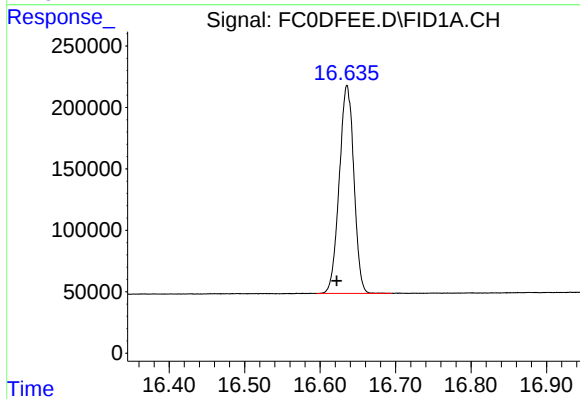
#14 n-Tetracosane (C24)

R.T.: 14.666 min
Delta R.T.: 0.014 min
Response: 2396371
Conc: 17.85 ug/ml



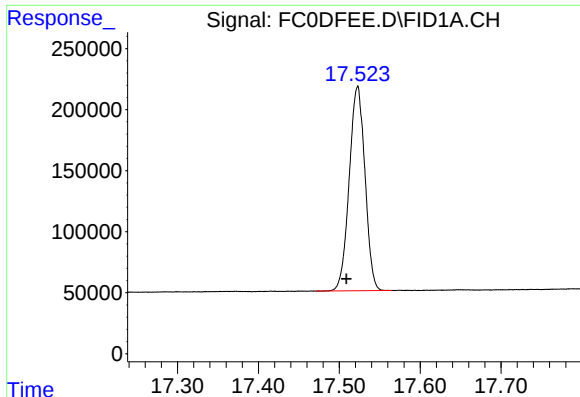
#15 n-Hexacosane (C26)

R.T.: 15.686 min
Delta R.T.: 0.014 min
Response: 2314659
Conc: 17.46 ug/ml



#16 n-Octacosane (C28)

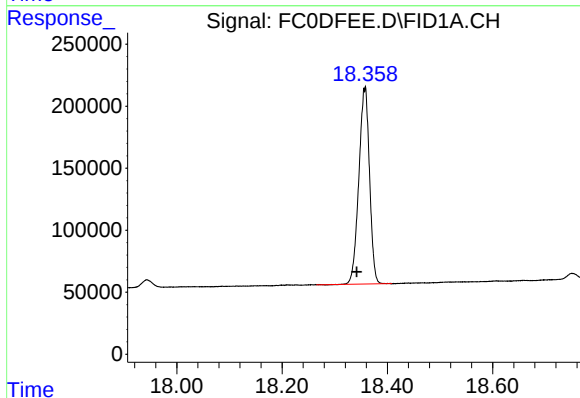
R.T.: 16.636 min
Delta R.T.: 0.014 min
Response: 2276978
Conc: 17.24 ug/ml



#17 n-Tricontane (C30)

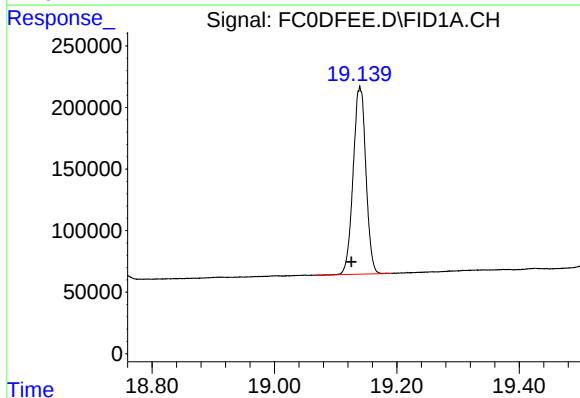
R.T.: 17.522 min
Delta R.T.: 0.014 min
Response: 2268237
Conc: 17.30 ug/ml

Instrument :
FID_C
ClientSampleId :



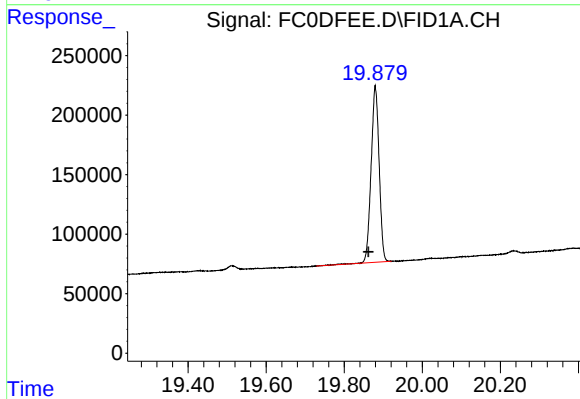
#18 n-Dotriacontane (C32)

R.T.: 18.357 min
Delta R.T.: 0.015 min
Response: 2233163
Conc: 17.31 ug/ml



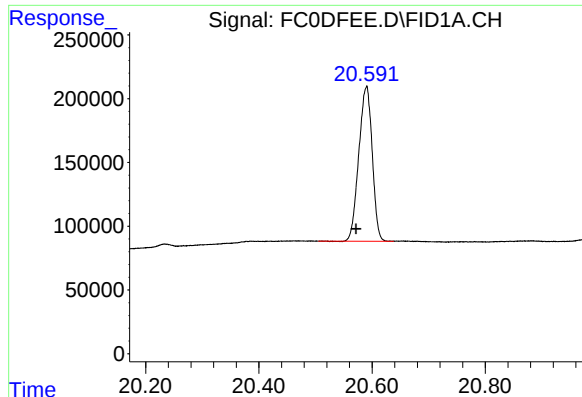
#19 n-Tetratriacontane (C34)

R.T.: 19.140 min
Delta R.T.: 0.014 min
Response: 2195764
Conc: 18.00 ug/ml



#20 n-Hexatriacontane (C36)

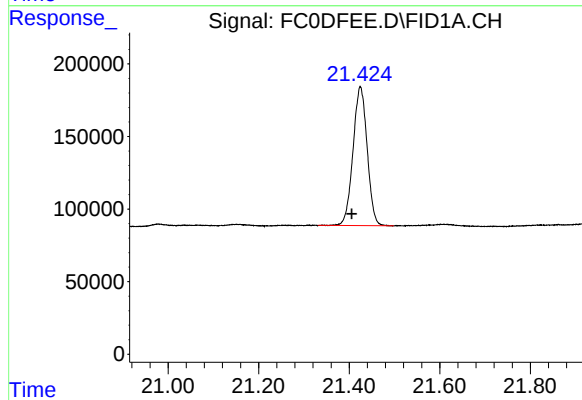
R.T.: 19.880 min
Delta R.T.: 0.018 min
Response: 2109266
Conc: 18.68 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.590 min
Delta R.T.: 0.018 min
Response: 1996907
Conc: 19.80 ug/ml

Instrument :
FID_C
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.425 min
Delta R.T.: 0.019 min
Response: 2076809
Conc: 20.58 ug/ml