

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC030922AL\
 Data File : FC058660.D
 Signal(s) : FID1A.CH
 Acq On : 10 Mar 2022 4:23
 Operator : UA/NP
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Mar 10 05:05:34 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 022322.M
 Quant Title : GC Extractables
 QLast Update : Wed Feb 23 17:15:11 2022
 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)	11.394	2638895	18.118 ug/ml
Spiked Amount 50.000		Recovery =	36.24%
12) S 1-chlorooctadecane (S...	12.826	2011498	17.746 ug/ml
Spiked Amount 50.000		Recovery =	35.49%
Target Compounds			
1) T n-Nonane (C9)	3.251	2375916	19.758 ug/ml
2) T n-Decane (C10)	4.300	2363831	19.864 ug/ml
3) T A~Naphthalene (C11.7)	5.862	2494944	19.224 ug/ml
4) T n-Dodecane (C12)	6.295	2436872	19.809 ug/ml
5) T A~2-methylnaphthalene...	6.906	2550203	19.561 ug/ml
6) T n-Tetradecane (C14)	8.071	2454696	19.589 ug/ml
7) T n-Hexadecane (C16)	9.658	2460859	19.109 ug/ml
8) T n-Octadecane (C18)	11.088	2441170	18.551 ug/ml
10) T n-Eicosane (C20)	12.387	2393894	18.205 ug/ml
11) T n-Heneicosane (C21)	12.994	2385318	18.049 ug/ml
13) T n-Docosane (C22)	13.578	2337119	17.927 ug/ml
14) T n-Tetracosane (C24)	14.673	2269502	17.575 ug/ml
15) T n-Hexacosane (C26)	15.687	2182685	17.645 ug/ml
16) T n-Octacosane (C28)	16.631	2127870	17.876 ug/ml
17) T n-Tricontane (C30)	17.515	2092421	18.589 ug/ml
18) T n-Dotriacontane (C32)	18.342	1997519	18.576 ug/ml
19) T n-Tetratriacontane (C34)	19.123	1907886	19.691 ug/ml
20) T n-Hexatriacontane (C36)	19.859	1830941	20.295 ug/ml
21) T n-Octatriacontane (C38)	20.563	1809529	20.794 ug/ml
22) T n-Tetracontane (C40)	21.390	1796954	21.413 ug/ml

(f)=RT Delta > 1/2 Window

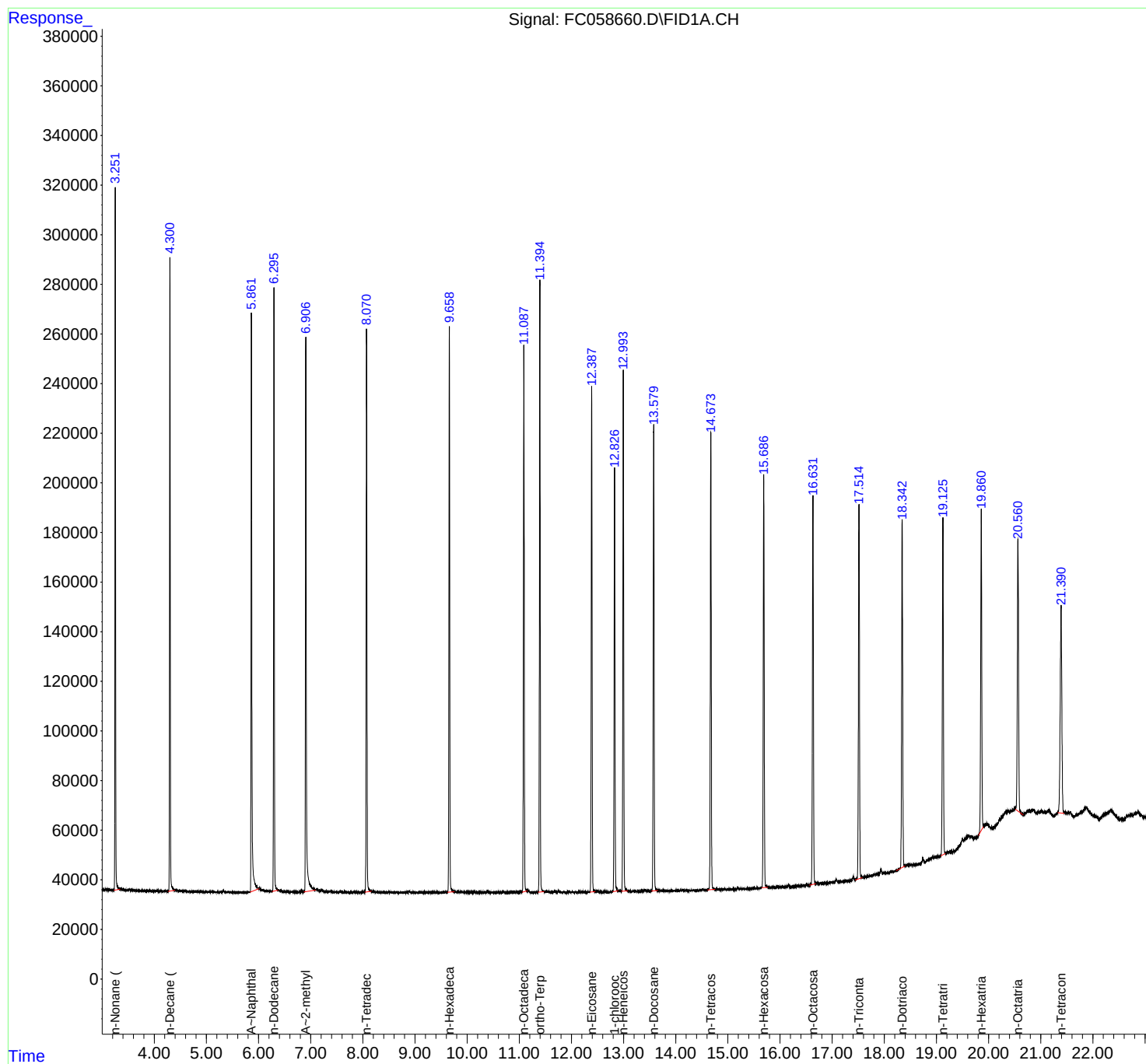
(m)=manual int.

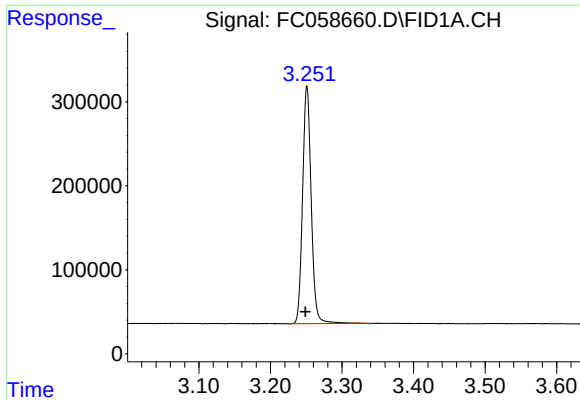
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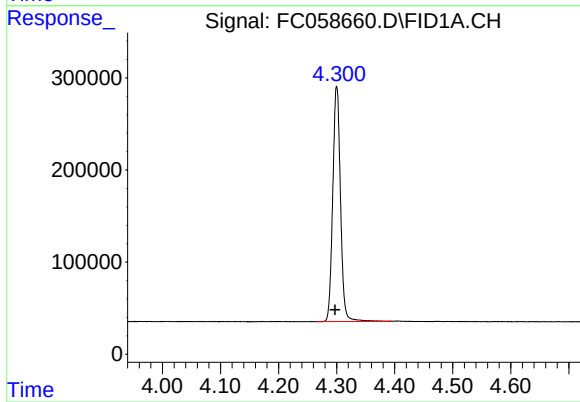




#1 n-Nonane (C9)

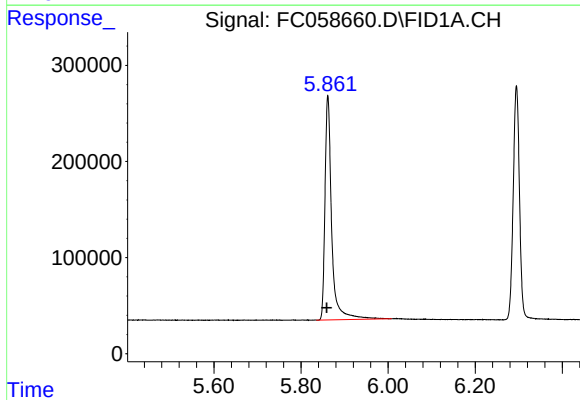
R.T.: 3.251 min
Delta R.T.: 0.002 min
Response: 2375916
Conc: 19.76 ug/ml

Instrument :
FID_C
ClientSampleId :



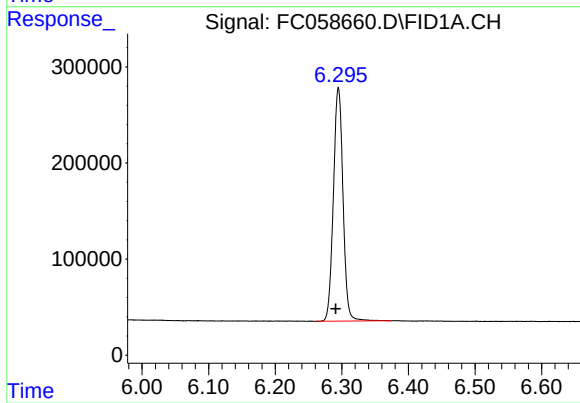
#2 n-Decane (C10)

R.T.: 4.300 min
Delta R.T.: 0.003 min
Response: 2363831
Conc: 19.86 ug/ml



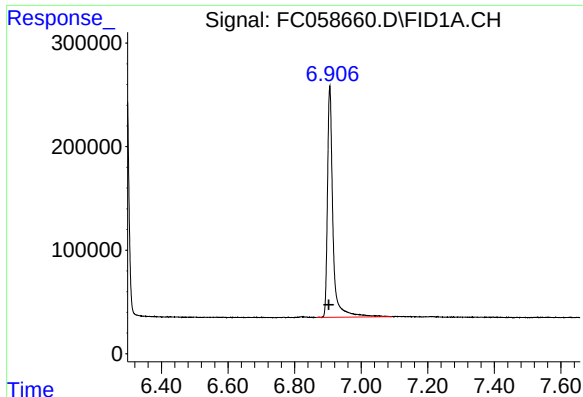
#3 A~Naphthalene (C11.7)

R.T.: 5.862 min
Delta R.T.: 0.003 min
Response: 2494944
Conc: 19.22 ug/ml



#4 n-Dodecane (C12)

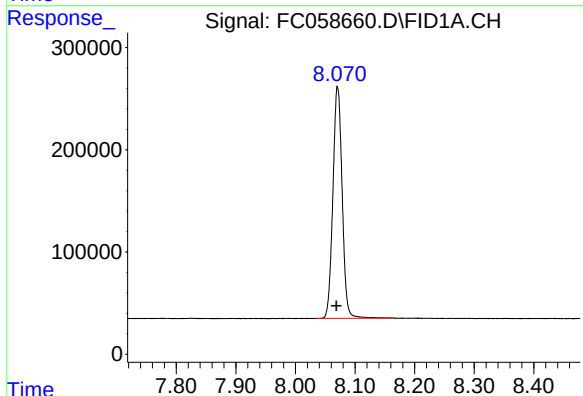
R.T.: 6.295 min
Delta R.T.: 0.004 min
Response: 2436872
Conc: 19.81 ug/ml



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

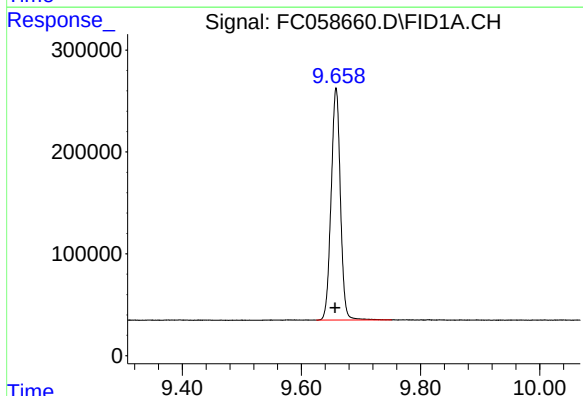
R.T.: 6.906 min
Delta R.T.: 0.003 min
Response: 2550203
Conc: 19.56 ug/ml

Instrument :
FID_C
ClientSampleId :



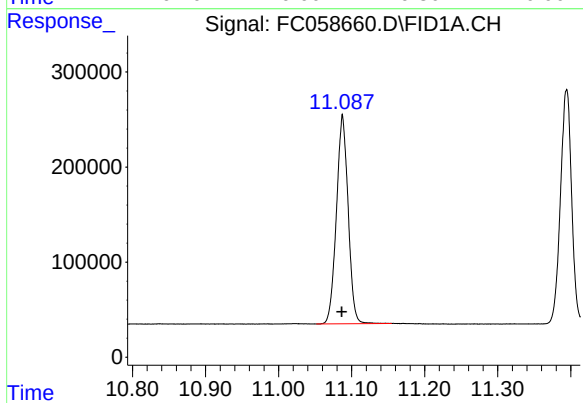
#6 n-Tetradecane (C14)

R.T.: 8.071 min
Delta R.T.: 0.002 min
Response: 2454696
Conc: 19.59 ug/ml



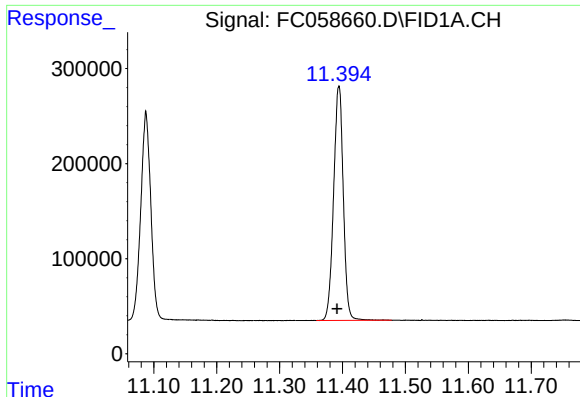
#7 n-Hexadecane (C16)

R.T.: 9.658 min
Delta R.T.: 0.002 min
Response: 2460859
Conc: 19.11 ug/ml



#8 n-Octadecane (C18)

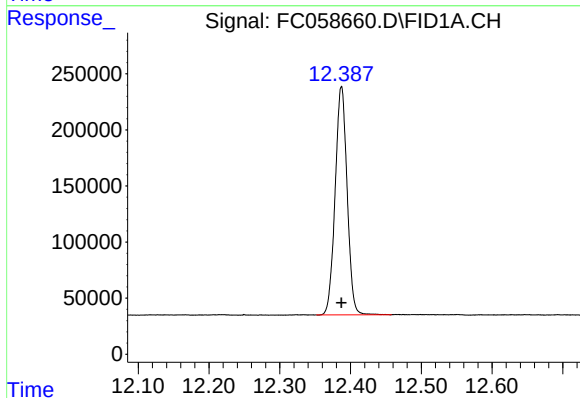
R.T.: 11.088 min
Delta R.T.: 0.001 min
Response: 2441170
Conc: 18.55 ug/ml



#9 ortho-Terphenyl (SURR)

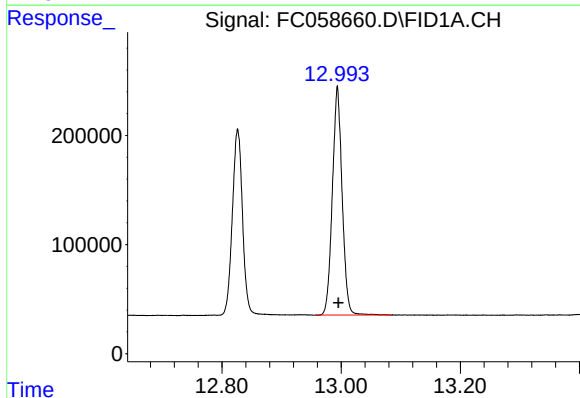
R.T.: 11.394 min
Delta R.T.: 0.003 min
Response: 2638895
Conc: 18.12 ug/ml

Instrument :
FID_C
ClientSampleId :



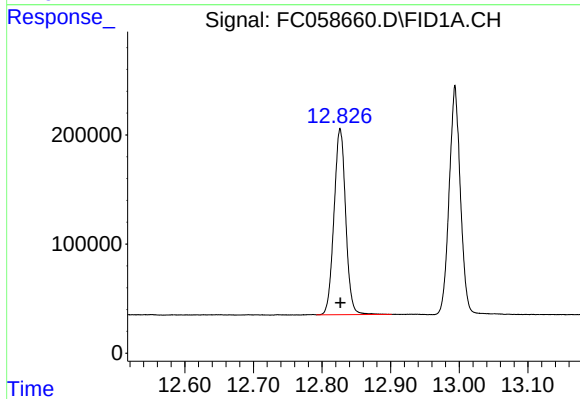
#10 n-Eicosane (C20)

R.T.: 12.387 min
Delta R.T.: 0.000 min
Response: 2393894
Conc: 18.20 ug/ml



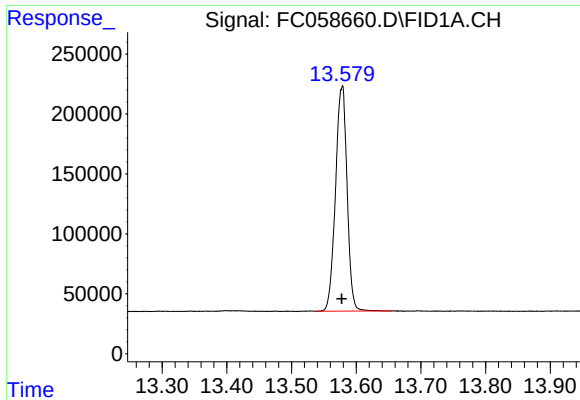
#11 n-Heneicosane (C21)

R.T.: 12.994 min
Delta R.T.: -0.002 min
Response: 2385318
Conc: 18.05 ug/ml



#12 1-chlorooctadecane (SURR)

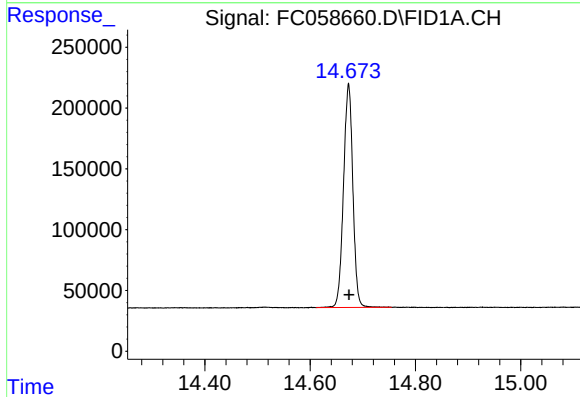
R.T.: 12.826 min
Delta R.T.: 0.000 min
Response: 2011498
Conc: 17.75 ug/ml



#13 n-Docosane (C22)

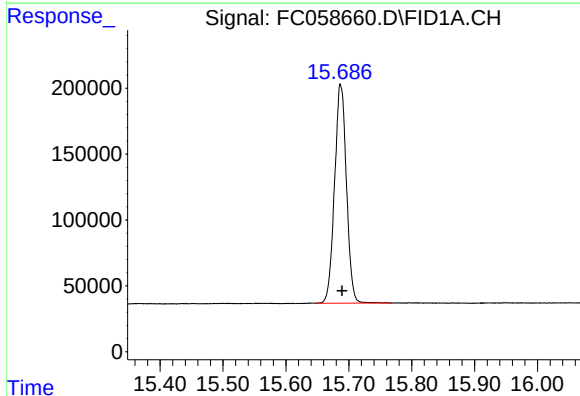
R.T.: 13.578 min
Delta R.T.: 0.000 min
Response: 2337119
Conc: 17.93 ug/ml

Instrument :
FID_C
ClientSampleId :



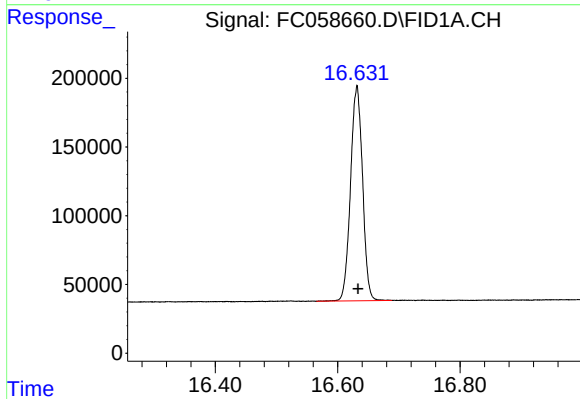
#14 n-Tetracosane (C24)

R.T.: 14.673 min
Delta R.T.: 0.000 min
Response: 2269502
Conc: 17.57 ug/ml



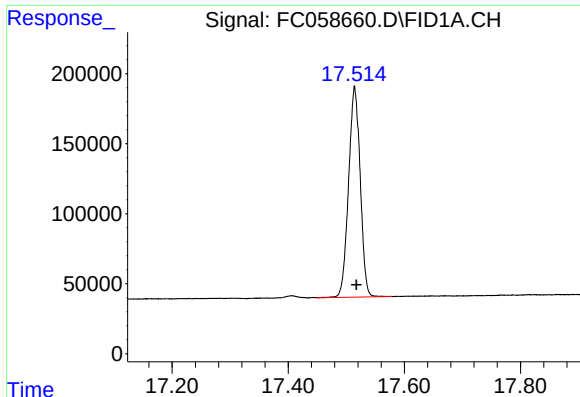
#15 n-Hexacosane (C26)

R.T.: 15.687 min
Delta R.T.: -0.002 min
Response: 2182685
Conc: 17.64 ug/ml



#16 n-Octacosane (C28)

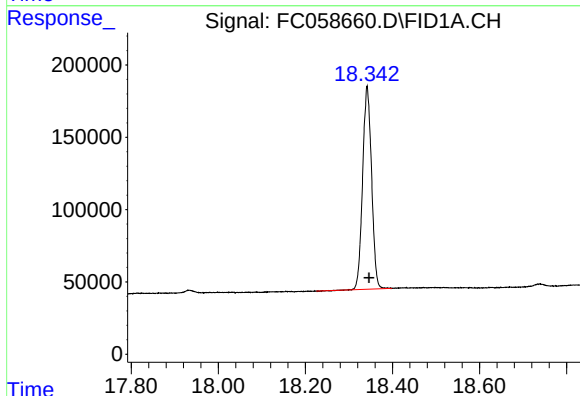
R.T.: 16.631 min
Delta R.T.: -0.002 min
Response: 2127870
Conc: 17.88 ug/ml



#17 n-Tricontane (C30)

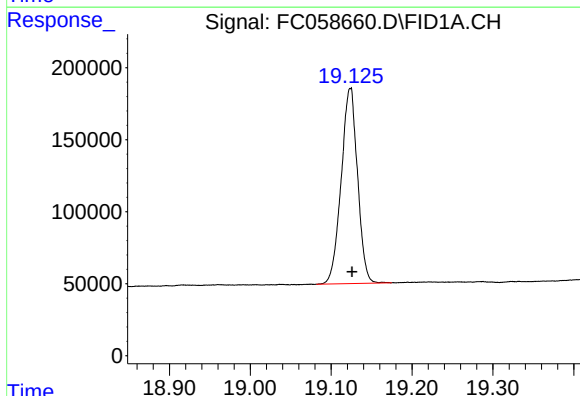
R.T.: 17.515 min
Delta R.T.: -0.003 min
Response: 2092421
Conc: 18.59 ug/ml

Instrument :
FID_C
ClientSampleId :



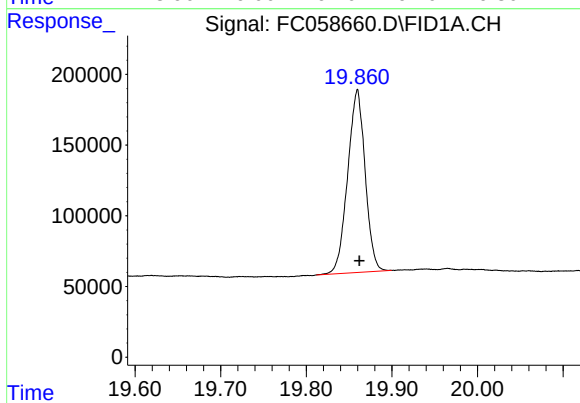
#18 n-Dotriacontane (C32)

R.T.: 18.342 min
Delta R.T.: -0.004 min
Response: 1997519
Conc: 18.58 ug/ml



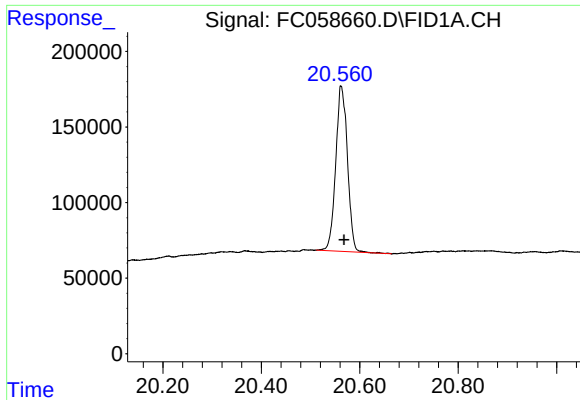
#19 n-Tetratriacontane (C34)

R.T.: 19.123 min
Delta R.T.: -0.003 min
Response: 1907886
Conc: 19.69 ug/ml



#20 n-Hexatriacontane (C36)

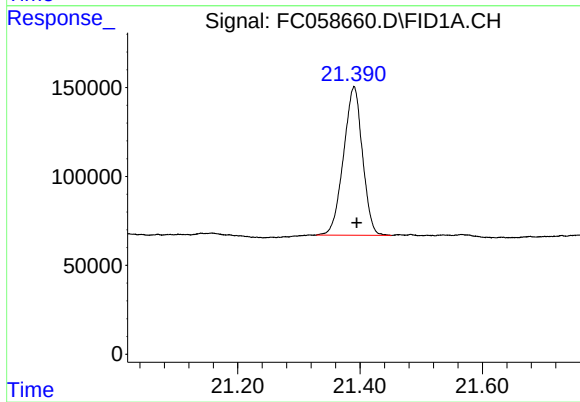
R.T.: 19.859 min
Delta R.T.: -0.003 min
Response: 1830941
Conc: 20.29 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.563 min
Delta R.T.: -0.005 min
Response: 1809529
Conc: 20.79 ug/ml

Instrument :
FID_C
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.390 min
Delta R.T.: -0.005 min
Response: 1796954
Conc: 21.41 ug/ml