

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC121721AL\
 Data File : FC057586.D
 Signal(s) : FID1A.CH
 Acq On : 17 Dec 2021 23:30
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :

Integration File: sample.E
 Quant Time: Dec 18 00:35:47 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 121421.M
 Quant Title : GC Extractables
 QLast Update : Tue Dec 14 20:43:13 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)	10.806	2741808	19.703 ug/ml
Spiked Amount 50.000		Recovery =	39.41%
12) S 1-chlorooctadecane (S...	12.298	10343	0.093 ug/ml
Spiked Amount 50.000		Recovery =	0.19%
Target Compounds			
1) T n-Nonane (C9)	2.729	3349	0.027 ug/ml
2) T n-Decane (C10)	3.730	6078	0.049 ug/ml
3) T A~Naphthalene (C11.7)	5.281	24069	0.173 ug/ml
4) T n-Dodecane (C12)	5.666	2642271	21.396 ug/ml
5) T A~2-methylnaphthalene...	6.282	2982459	21.327 ug/ml
6) T n-Tetradecane (C14)	7.510	9414	0.076 ug/ml
7) T n-Hexadecane (C16)	9.053	2615004	20.855 ug/ml
8) T n-Octadecane (C18)	10.494	2622411	20.260 ug/ml
10) T n-Eicosane (C20)	11.871	4996	0.038 ug/ml
11) T n-Heneicosane (C21)	12.414	2514861	19.162 ug/ml
13) T n-Docosane (C22)	12.999	2454685	18.676 ug/ml
14) T n-Tetracosane (C24)	14.101	2417642	18.177 ug/ml
15) T n-Hexacosane (C26)	15.120	2289810	17.462 ug/ml
16) T n-Octacosane (C28)	16.070	2262187	17.202 ug/ml
17) T n-Tricontane (C30)	16.958	2367675	17.324 ug/ml
18) T n-Dotriacontane (C32)	17.791	2658015	19.824 ug/ml
19) T n-Tetratriacontane (C34)	18.575	3690782	28.305 ug/ml
20) T n-Hexatriacontane (C36)	19.376	1005094	8.465 ug/ml
21) T n-Octatriacontane (C38)	20.035	7231343	65.841 ug/ml
22) T n-Tetracontane (C40)	20.989	2131516	21.349 ug/ml

(f)=RT Delta > 1/2 Window

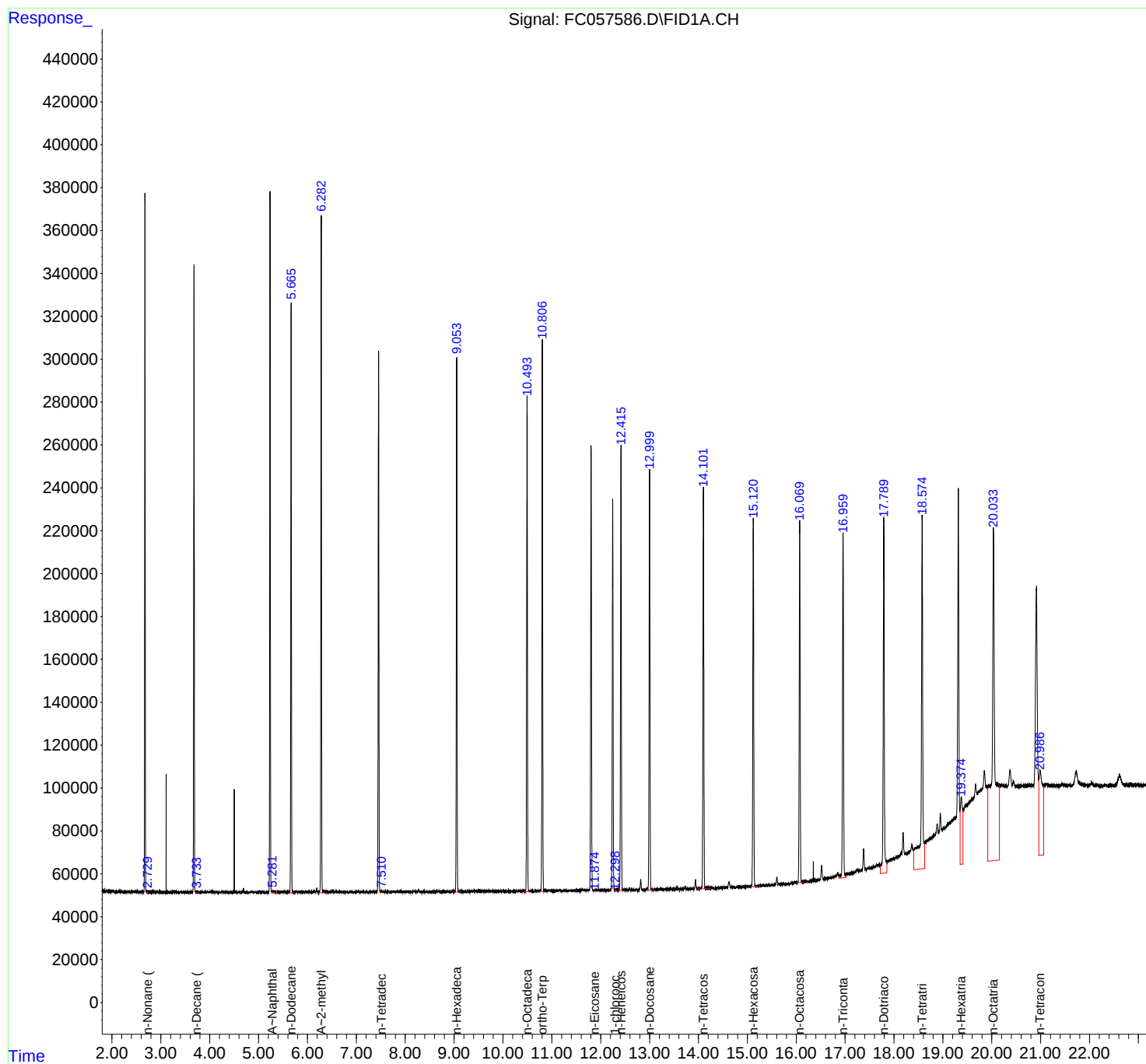
(m)=manual int.

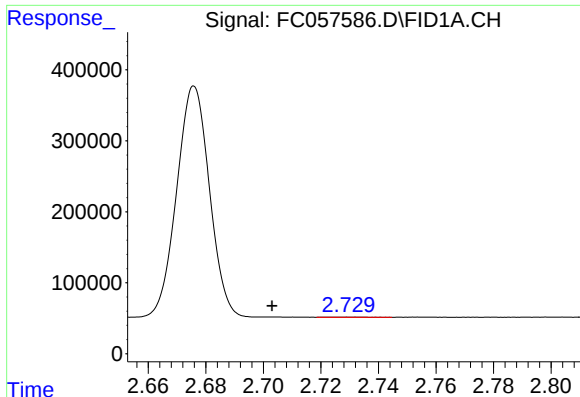
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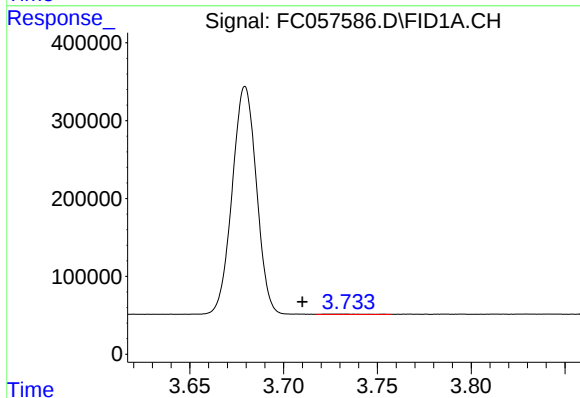




#1 n-Nonane (C9)

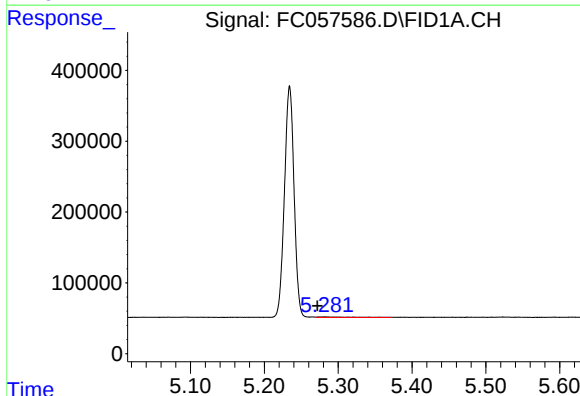
R.T.: 2.729 min
Delta R.T.: 0.026 min
Response: 3349
Conc: 0.03 ug/ml

Instrument :
FID_C
ClientSampleId :



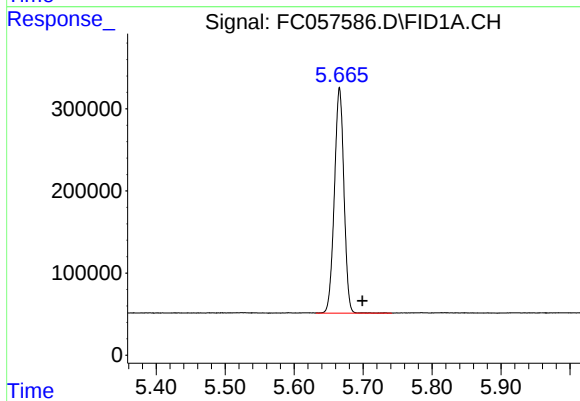
#2 n-Decane (C10)

R.T.: 3.730 min
Delta R.T.: 0.020 min
Response: 6078
Conc: 0.05 ug/ml



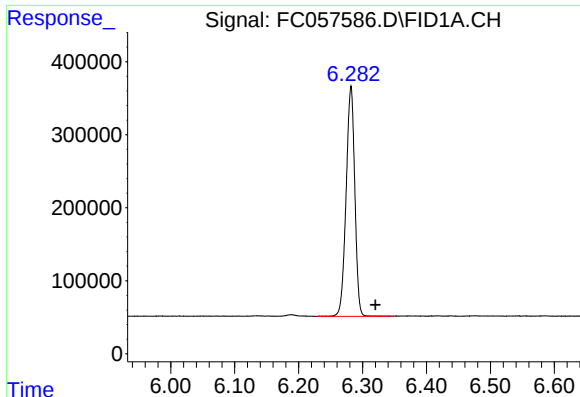
#3 A~Naphthalene (C11.7)

R.T.: 5.281 min
Delta R.T.: 0.009 min
Response: 24069
Conc: 0.17 ug/ml



#4 n-Dodecane (C12)

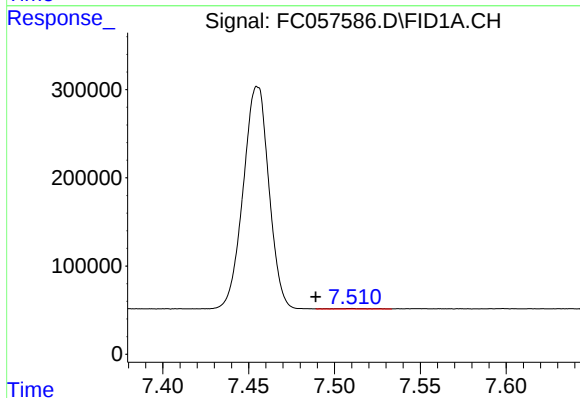
R.T.: 5.666 min
Delta R.T.: -0.033 min
Response: 2642271
Conc: 21.40 ug/ml



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

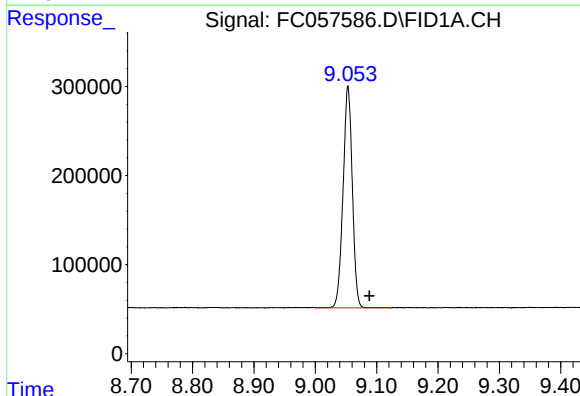
R.T.: 6.282 min
Delta R.T.: -0.038 min
Response: 2982459
Conc: 21.33 ug/ml

Instrument :
FID_C
ClientSampleId :



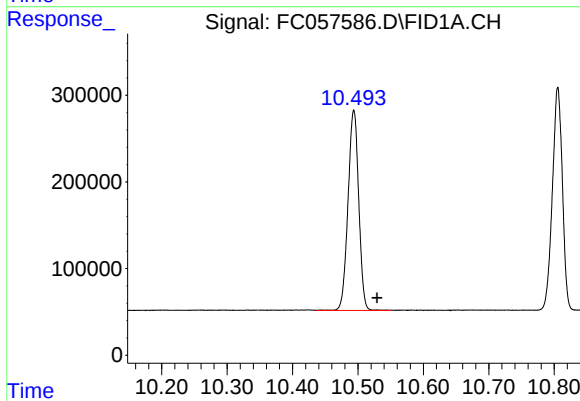
#6 n-Tetradecane (C14)

R.T.: 7.510 min
Delta R.T.: 0.021 min
Response: 9414
Conc: 0.08 ug/ml



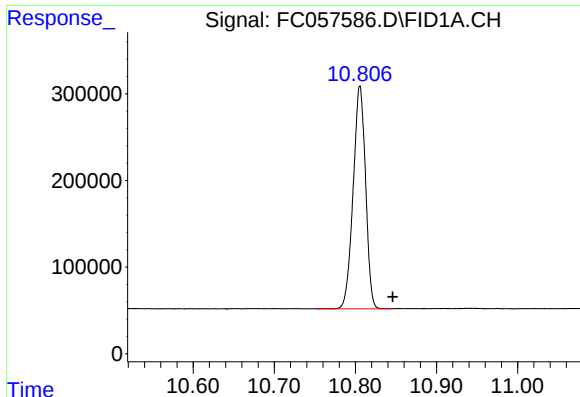
#7 n-Hexadecane (C16)

R.T.: 9.053 min
Delta R.T.: -0.035 min
Response: 2615004
Conc: 20.86 ug/ml



#8 n-Octadecane (C18)

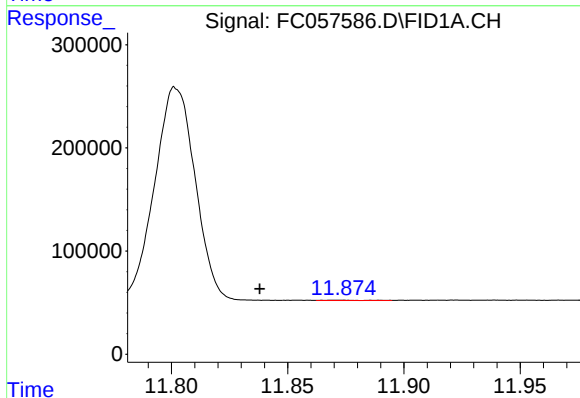
R.T.: 10.494 min
Delta R.T.: -0.035 min
Response: 2622411
Conc: 20.26 ug/ml



#9 ortho-Terphenyl (SURR)

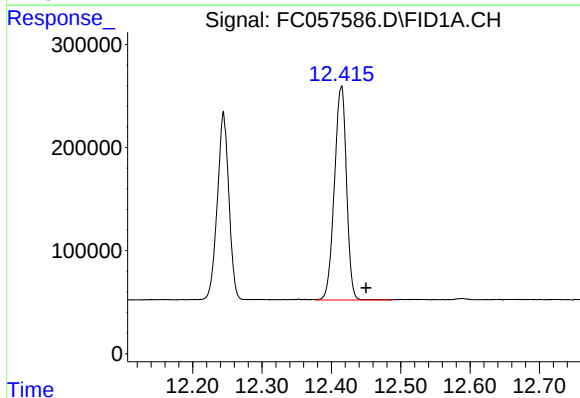
R.T.: 10.806 min
Delta R.T.: -0.040 min
Response: 2741808
Conc: 19.70 ug/ml

Instrument :
FID_C
ClientSampleId :



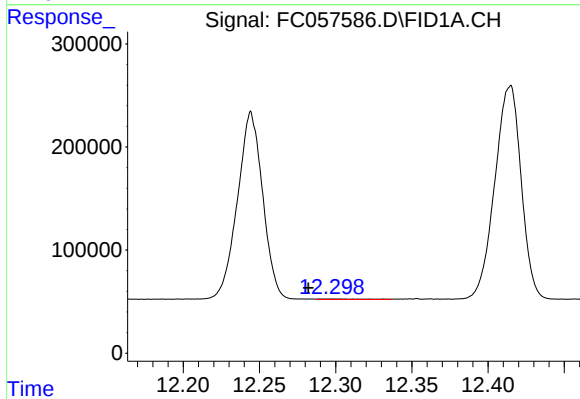
#10 n-Eicosane (C20)

R.T.: 11.871 min
Delta R.T.: 0.033 min
Response: 4996
Conc: 0.04 ug/ml



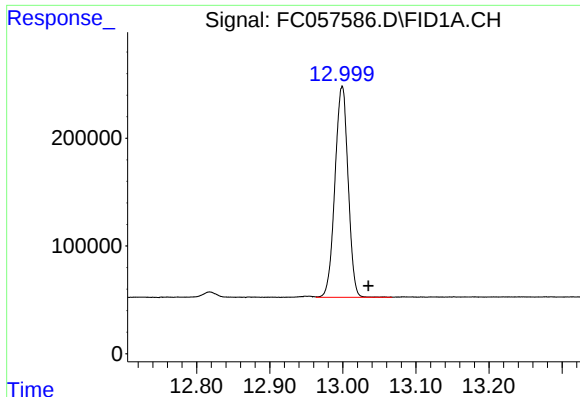
#11 n-Heneicosane (C21)

R.T.: 12.414 min
Delta R.T.: -0.036 min
Response: 2514861
Conc: 19.16 ug/ml



#12 1-chlorooctadecane (SURR)

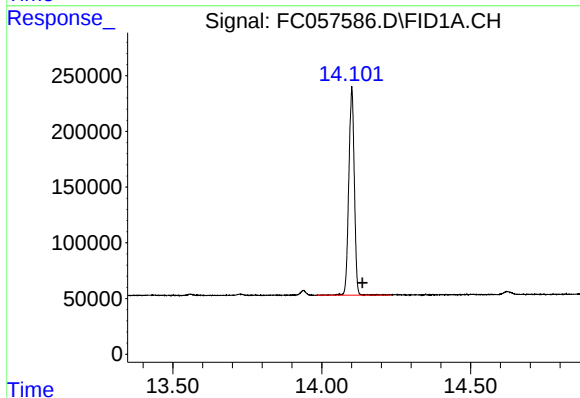
R.T.: 12.298 min
Delta R.T.: 0.016 min
Response: 10343
Conc: 0.09 ug/ml



#13 n-Docosane (C22)

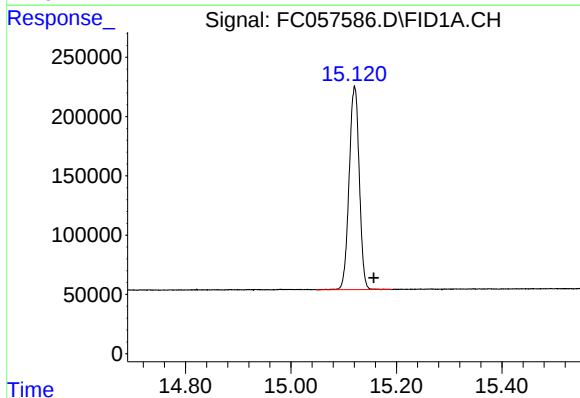
R.T.: 12.999 min
Delta R.T.: -0.036 min
Response: 2454685
Conc: 18.68 ug/ml

Instrument :
FID_C
ClientSampleId :



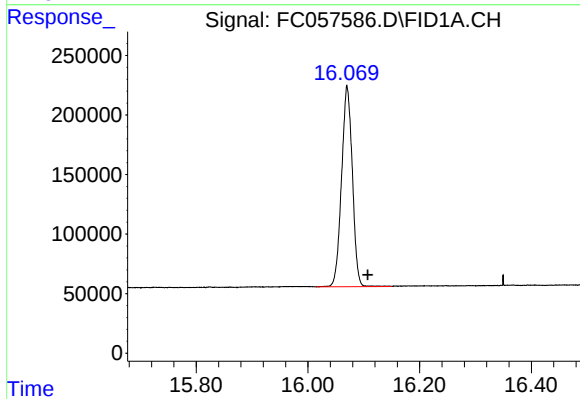
#14 n-Tetracosane (C24)

R.T.: 14.101 min
Delta R.T.: -0.036 min
Response: 2417642
Conc: 18.18 ug/ml



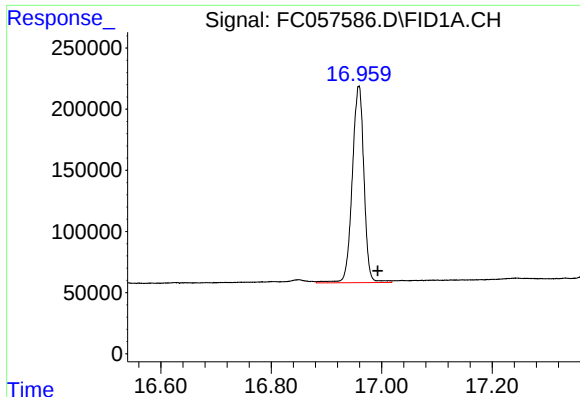
#15 n-Hexacosane (C26)

R.T.: 15.120 min
Delta R.T.: -0.037 min
Response: 2289810
Conc: 17.46 ug/ml



#16 n-Octacosane (C28)

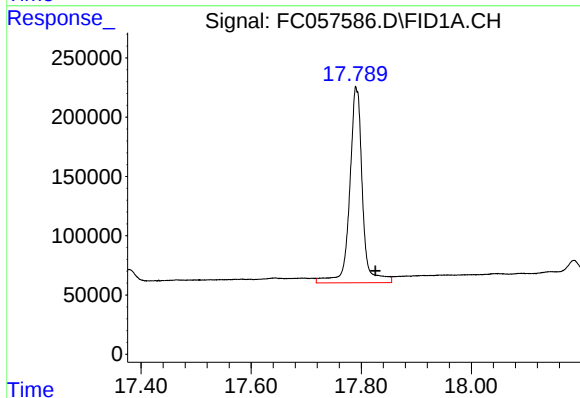
R.T.: 16.070 min
Delta R.T.: -0.037 min
Response: 2262187
Conc: 17.20 ug/ml



#17 n-Tricontane (C30)

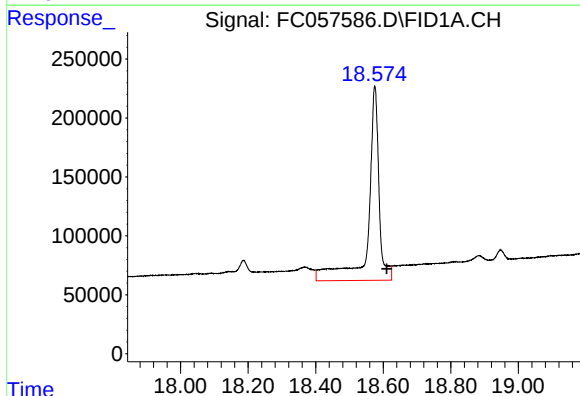
R.T.: 16.958 min
Delta R.T.: -0.035 min
Response: 2367675
Conc: 17.32 ug/ml

Instrument :
FID_C
ClientSampleId :



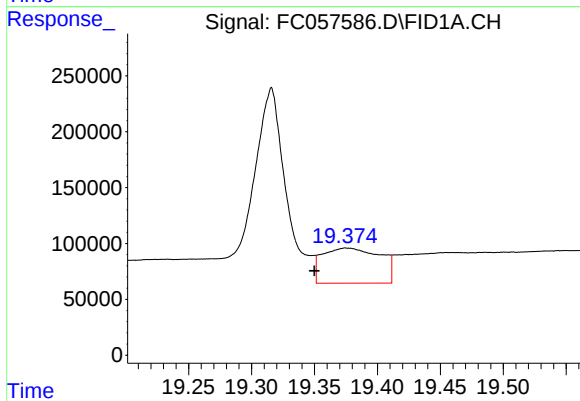
#18 n-Dotriacontane (C32)

R.T.: 17.791 min
Delta R.T.: -0.035 min
Response: 2658015
Conc: 19.82 ug/ml



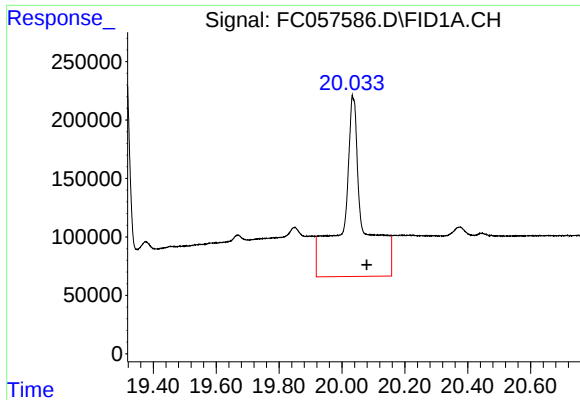
#19 n-Tetratriacontane (C34)

R.T.: 18.575 min
Delta R.T.: -0.035 min
Response: 3690782
Conc: 28.30 ug/ml



#20 n-Hexatriacontane (C36)

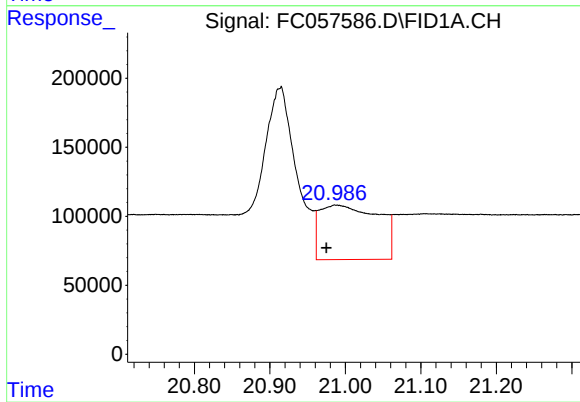
R.T.: 19.376 min
Delta R.T.: 0.026 min
Response: 1005094
Conc: 8.46 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.035 min
Delta R.T.: -0.044 min
Response: 7231343
Conc: 65.84 ug/ml

Instrument :
FID_C
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 20.989 min
Delta R.T.: 0.014 min
Response: 2131516
Conc: 21.35 ug/ml