

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC082919AL\
 Data File : FC043231.D
 Signal(s) : FID1A.CH
 Acq On : 30 Aug 2019 15:25
 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: Aug 30 16:02:45 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 082719.M
 Quant Title : GC Extractables
 QLast Update : Wed Aug 28 04:05:56 2019
 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)	11.625	2989758	20.881 ug/ml
Spiked Amount 50.000		Recovery =	41.76%
12) S 1-chlorooctadecane (S...	13.047	2246253	20.561 ug/ml
Spiked Amount 50.000		Recovery =	41.12%
Target Compounds			
1) T n-Nonane (C9)	3.455	2773458	23.286 ug/ml
2) T n-Decane (C10)	4.511	2838603	23.872 ug/ml
3) T A~Naphthalene (C11.7)	6.091	2962605	24.287 ug/ml
4) T n-Dodecane (C12)	6.508	2891989	23.639 ug/ml
5) T A~2-methylnaphthalene...	7.138	2988088	24.343 ug/ml
6) T n-Tetradecane (C14)	8.285	2863671	23.166 ug/ml
7) T n-Hexadecane (C16)	9.873	2828953	22.691 ug/ml
8) T n-Octadecane (C18)	11.304	2771110	21.786 ug/ml
10) T n-Eicosane (C20)	12.603	2700626	21.036 ug/ml
11) T n-Heneicosane (C21)	13.212	2672866	20.639 ug/ml
13) T n-Docosane (C22)	13.793	2629668	20.470 ug/ml
14) T n-Tetracosane (C24)	14.889	2593757	20.246 ug/ml
15) T n-Hexacosane (C26)	15.904	2540820	20.174 ug/ml
16) T n-Octacosane (C28)	16.851	2525231	20.566 ug/ml
17) T n-Tricontane (C30)	17.735	2535448	21.022 ug/ml
18) T n-Dotriacontane (C32)	18.563	2462514	21.588 ug/ml
19) T n-Tetratriacontane (C34)	19.344	2355316	21.891 ug/ml
20) T n-Hexatriacontane (C36)	20.079	2428992	23.071 ug/ml
21) T n-Octatriacontane (C38)	20.812	2302016	24.605 ug/ml
22) T n-Tetracontane (C40)	21.717	2776014	28.732 ug/ml

(f)=RT Delta > 1/2 Window

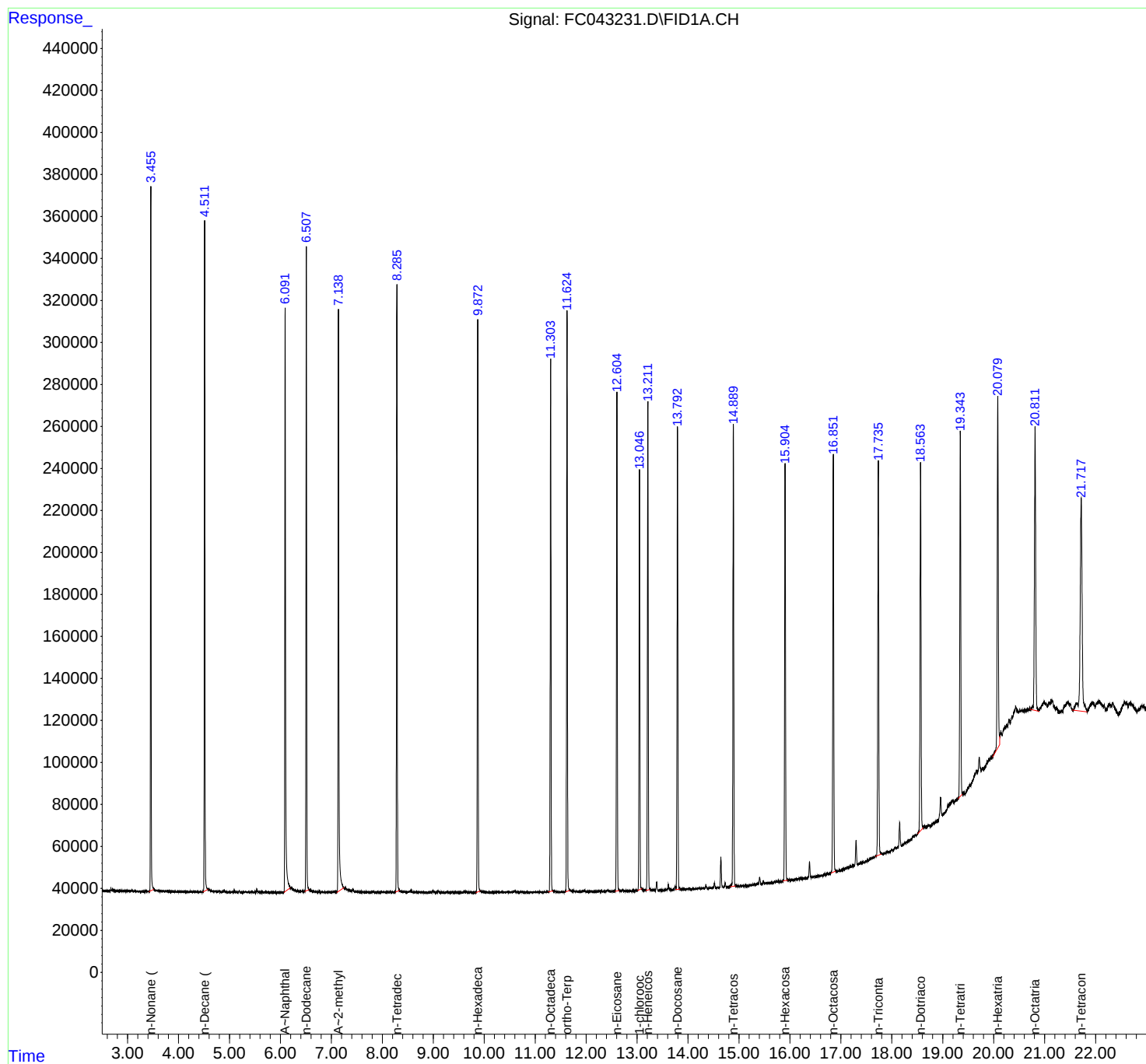
(m)=manual int.

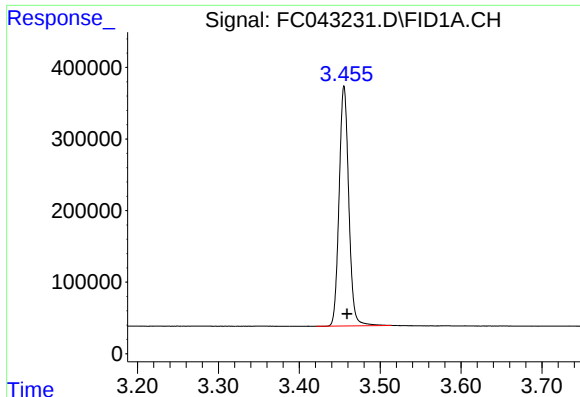
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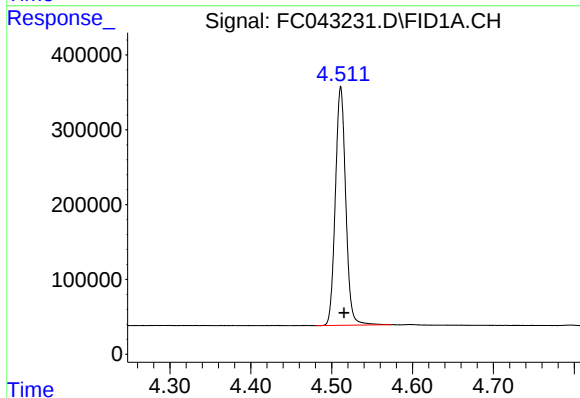




#1 n-Nonane (C9)

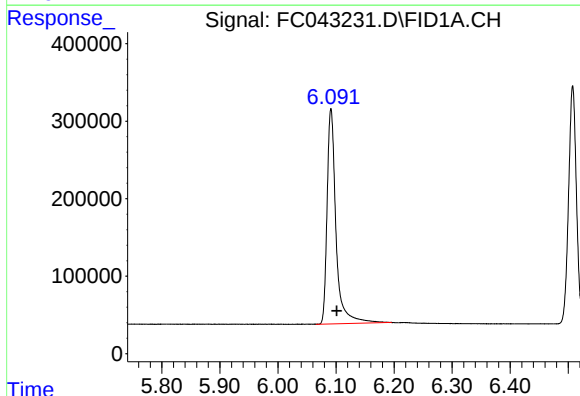
R.T.: 3.455 min
Delta R.T.: -0.004 min
Response: 2773458
Conc: 23.29 ug/ml

Instrument :
FID_C
ClientSampleId :



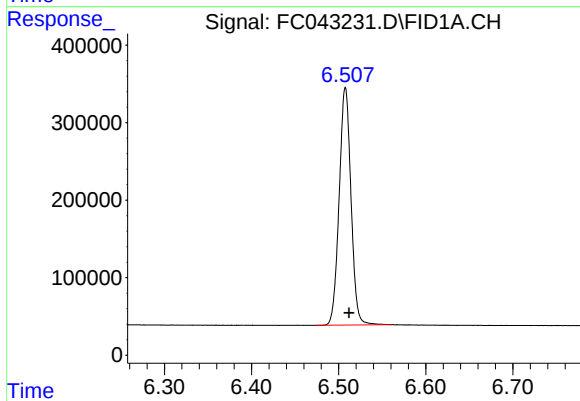
#2 n-Decane (C10)

R.T.: 4.511 min
Delta R.T.: -0.004 min
Response: 2838603
Conc: 23.87 ug/ml



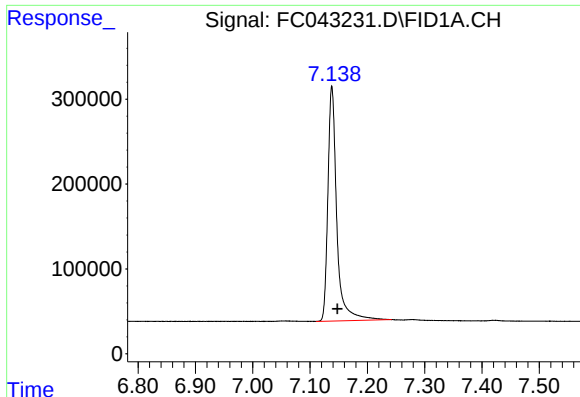
#3 A~Naphthalene (C11.7)

R.T.: 6.091 min
Delta R.T.: -0.010 min
Response: 2962605
Conc: 24.29 ug/ml



#4 n-Dodecane (C12)

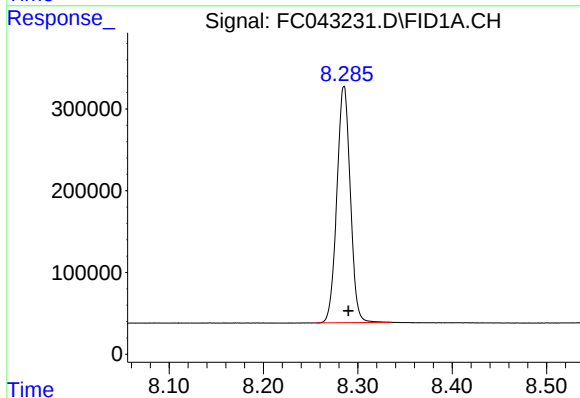
R.T.: 6.508 min
Delta R.T.: -0.004 min
Response: 2891989
Conc: 23.64 ug/ml



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

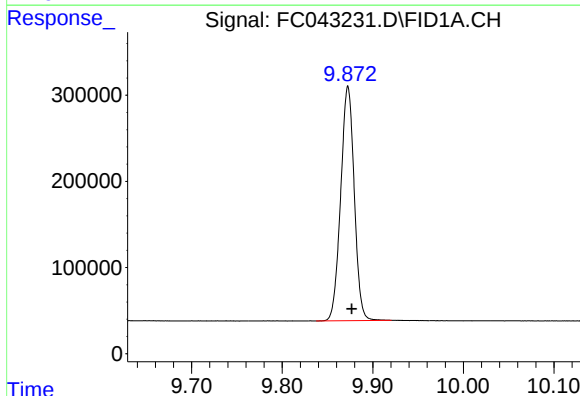
R.T.: 7.138 min
Delta R.T.: -0.010 min
Response: 2988088
Conc: 24.34 ug/ml

Instrument :
FID_C
ClientSampleId :



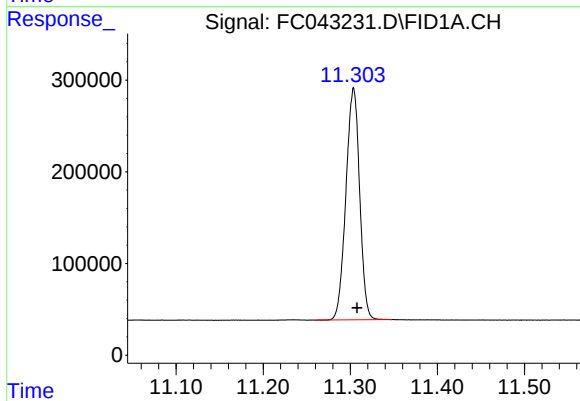
#6 n-Tetradecane (C14)

R.T.: 8.285 min
Delta R.T.: -0.004 min
Response: 2863671
Conc: 23.17 ug/ml



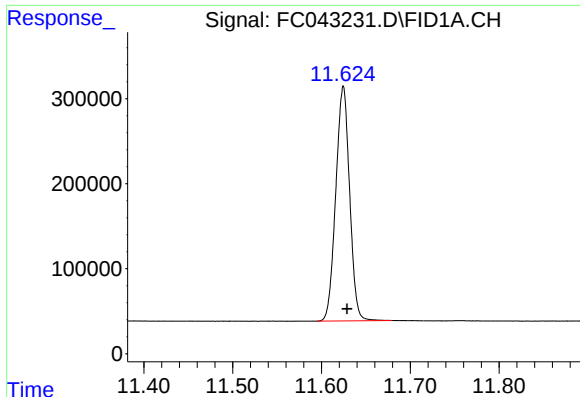
#7 n-Hexadecane (C16)

R.T.: 9.873 min
Delta R.T.: -0.004 min
Response: 2828953
Conc: 22.69 ug/ml



#8 n-Octadecane (C18)

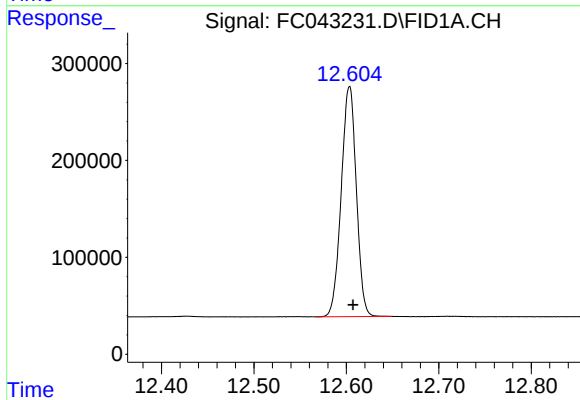
R.T.: 11.304 min
Delta R.T.: -0.004 min
Response: 2771110
Conc: 21.79 ug/ml



#9 ortho-Terphenyl (SURR)

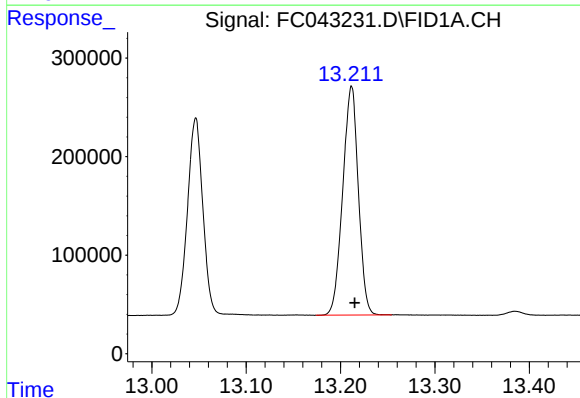
R.T.: 11.625 min
Delta R.T.: -0.004 min
Response: 2989758
Conc: 20.88 ug/ml

Instrument :
FID_C
ClientSampleId :



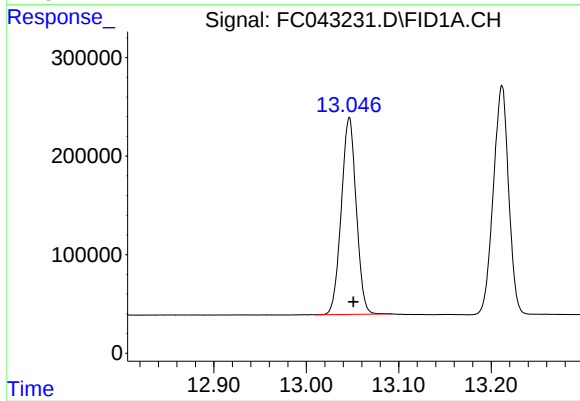
#10 n-Eicosane (C20)

R.T.: 12.603 min
Delta R.T.: -0.004 min
Response: 2700626
Conc: 21.04 ug/ml



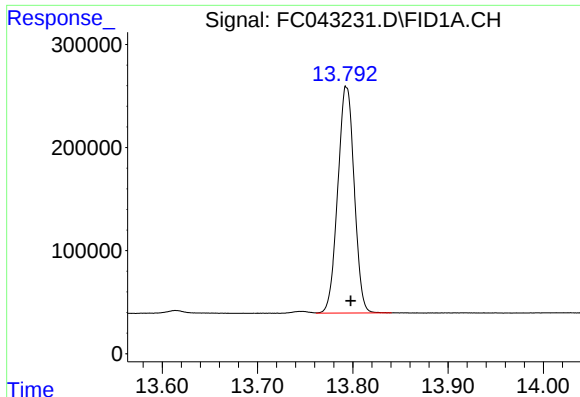
#11 n-Heneicosane (C21)

R.T.: 13.212 min
Delta R.T.: -0.003 min
Response: 2672866
Conc: 20.64 ug/ml



#12 1-chlorooctadecane (SURR)

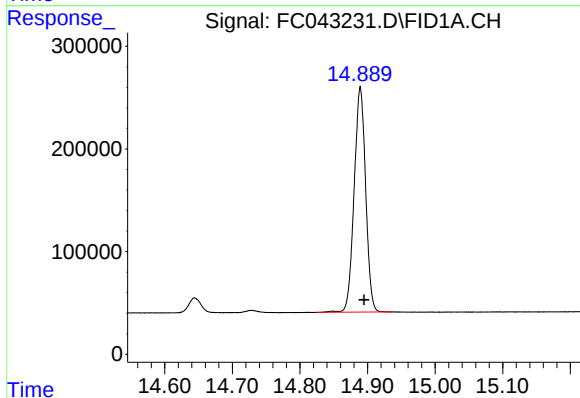
R.T.: 13.047 min
Delta R.T.: -0.005 min
Response: 2246253
Conc: 20.56 ug/ml



#13 n-Docosane (C22)

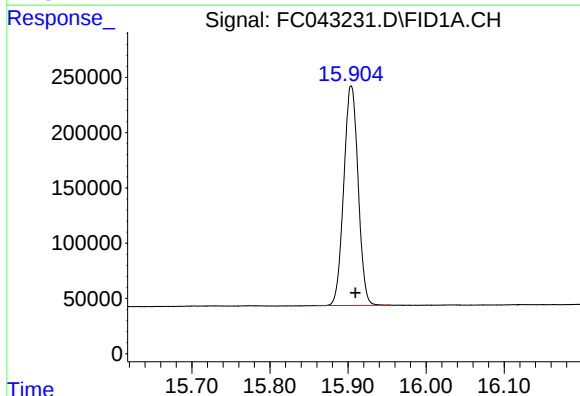
R.T.: 13.793 min
Delta R.T.: -0.004 min
Response: 2629668
Conc: 20.47 ug/ml

Instrument :
FID_C
ClientSampleId :



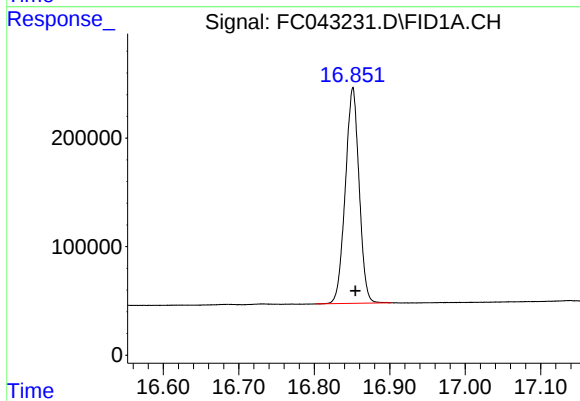
#14 n-Tetracosane (C24)

R.T.: 14.889 min
Delta R.T.: -0.005 min
Response: 2593757
Conc: 20.25 ug/ml



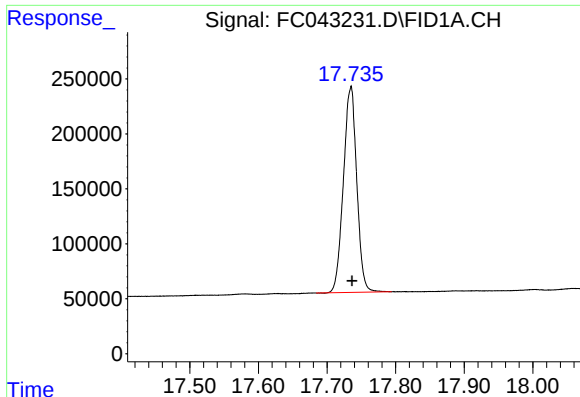
#15 n-Hexacosane (C26)

R.T.: 15.904 min
Delta R.T.: -0.005 min
Response: 2540820
Conc: 20.17 ug/ml



#16 n-Octacosane (C28)

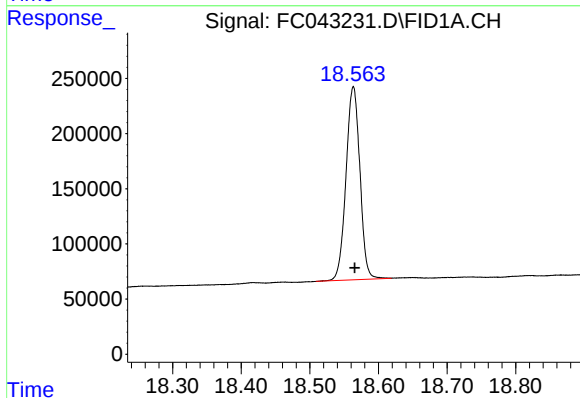
R.T.: 16.851 min
Delta R.T.: -0.003 min
Response: 2525231
Conc: 20.57 ug/ml



#17 n-Tricontane (C30)

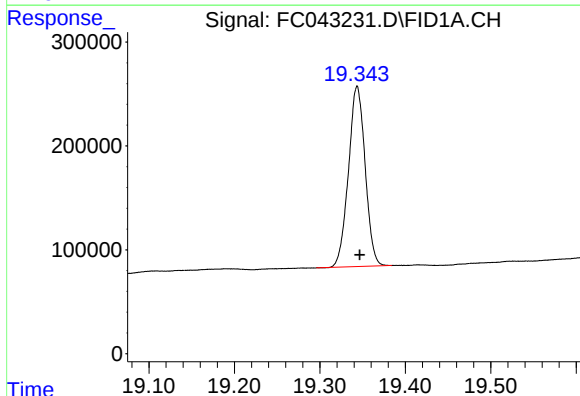
R.T.: 17.735 min
Delta R.T.: -0.002 min
Response: 2535448
Conc: 21.02 ug/ml

Instrument :
FID_C
ClientSampleId :



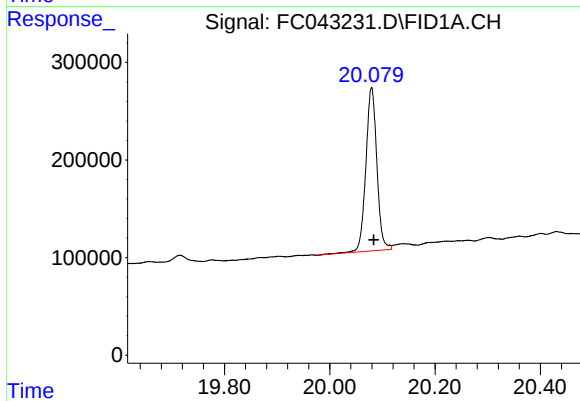
#18 n-Dotriacontane (C32)

R.T.: 18.563 min
Delta R.T.: -0.002 min
Response: 2462514
Conc: 21.59 ug/ml



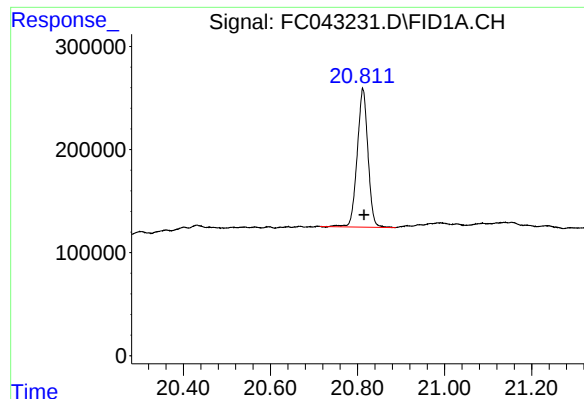
#19 n-Tetratriacontane (C34)

R.T.: 19.344 min
Delta R.T.: -0.003 min
Response: 2355316
Conc: 21.89 ug/ml



#20 n-Hexatriacontane (C36)

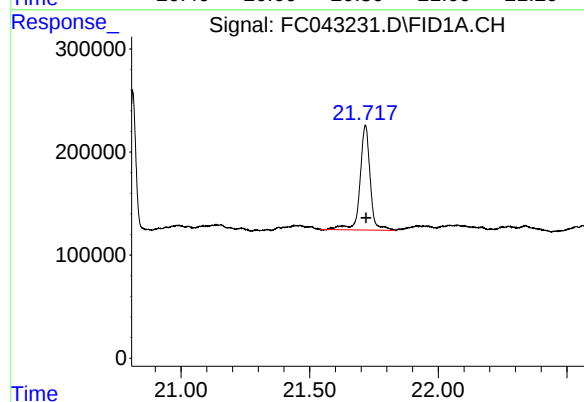
R.T.: 20.079 min
Delta R.T.: -0.005 min
Response: 2428992
Conc: 23.07 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.812 min
Delta R.T.: -0.002 min
Response: 2302016
Conc: 24.61 ug/ml

Instrument :
FID_C
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.717 min
Delta R.T.: -0.003 min
Response: 2776014
Conc: 28.73 ug/ml