

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC072721AL\
 Data File : FC054871.D
 Signal(s) : FID1A.CH
 Acq On : 27 Jul 2021 10:42
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jul 28 02:13:38 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 072121.M
 Quant Title : GC Extractables
 QLast Update : Wed Jul 21 03:37:32 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)	11.310	2783645	20.012 ug/ml
Spiked Amount 50.000		Recovery =	40.02%
12) S 1-chlorooctadecane (S...	12.754	2185734	19.662 ug/ml
Spiked Amount 50.000		Recovery =	39.32%
Target Compounds			
1) T n-Nonane (C9)	3.132	2430874	21.186 ug/ml
2) T n-Decane (C10)	4.183	2478599	21.328 ug/ml
3) T A~Naphthalene (C11.7)	5.748	2630019	21.859 ug/ml
4) T n-Dodecane (C12)	6.187	2573011	21.528 ug/ml
5) T A~2-methylnaphthalene...	6.799	2654772	21.738 ug/ml
6) T n-Tetradecane (C14)	7.974	2622003	21.314 ug/ml
7) T n-Hexadecane (C16)	9.570	2646859	20.996 ug/ml
8) T n-Octadecane (C18)	11.007	2681104	20.454 ug/ml
10) T n-Eicosane (C20)	12.313	2625400	19.925 ug/ml
11) T n-Heneicosane (C21)	12.923	2615652	19.640 ug/ml
13) T n-Docosane (C22)	13.508	2552138	19.272 ug/ml
14) T n-Tetracosane (C24)	14.609	2463587	18.686 ug/ml
15) T n-Hexacosane (C26)	15.627	2305159	17.922 ug/ml
16) T n-Octacosane (C28)	16.575	2206068	16.750 ug/ml
17) T n-Tricontane (C30)	17.461	2094820	14.721 ug/ml
18) T n-Dotriacontane (C32)	18.292	2029842	16.402 ug/ml
19) T n-Tetratriacontane (C34)	19.075	2027911	19.805 ug/ml
20) T n-Hexatriacontane (C36)	19.813	1992595	21.040 ug/ml
21) T n-Octatriacontane (C38)	20.517	1975178	21.213 ug/ml
22) T n-Tetracontane (C40)	21.333	2077509	21.405 ug/ml

(f)=RT Delta > 1/2 Window

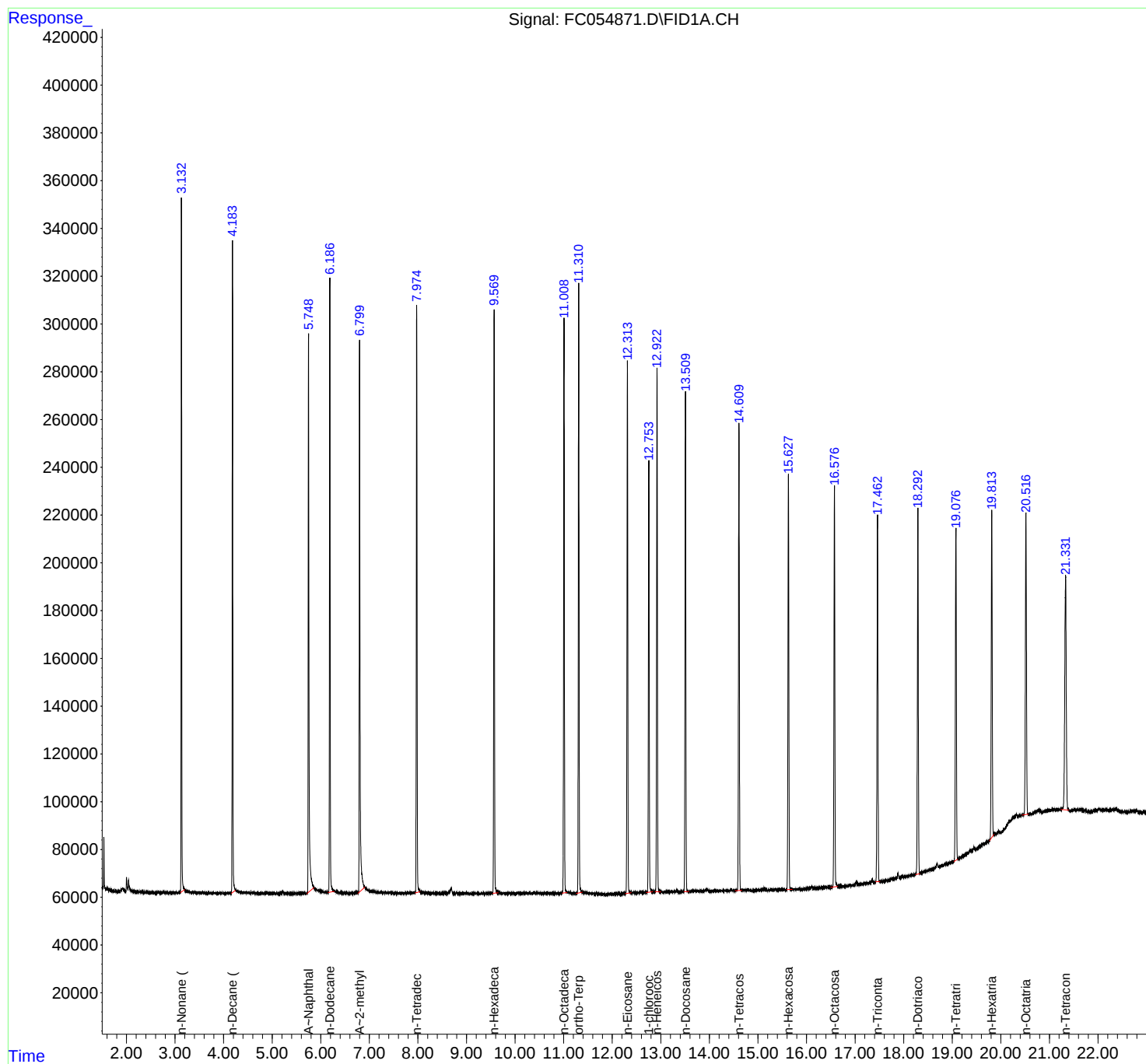
(m)=manual int.

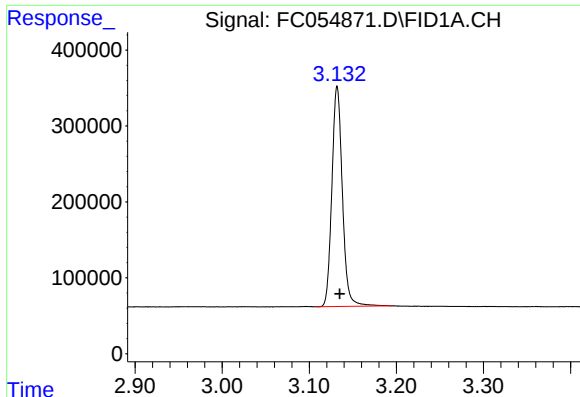
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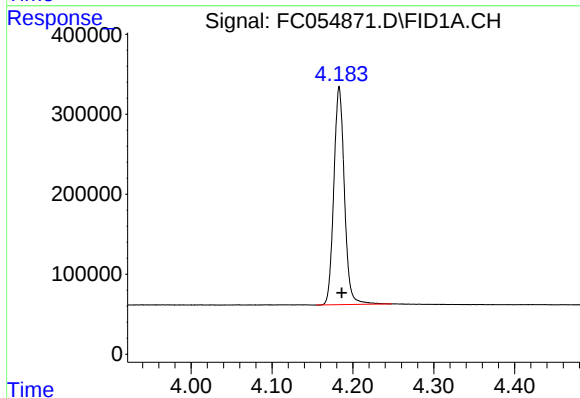




#1 n-Nonane (C9)

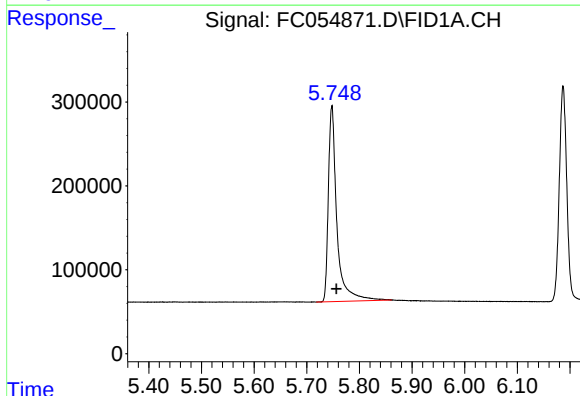
R.T.: 3.132 min
Delta R.T.: -0.003 min
Response: 2430874
Conc: 21.19 ug/ml

Instrument :
FID_C
ClientSampleId :



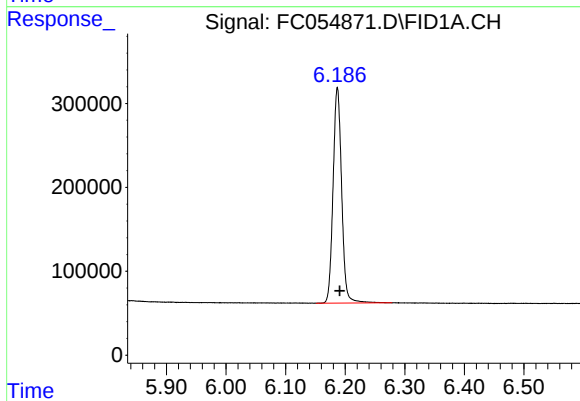
#2 n-Decane (C10)

R.T.: 4.183 min
Delta R.T.: -0.003 min
Response: 2478599
Conc: 21.33 ug/ml



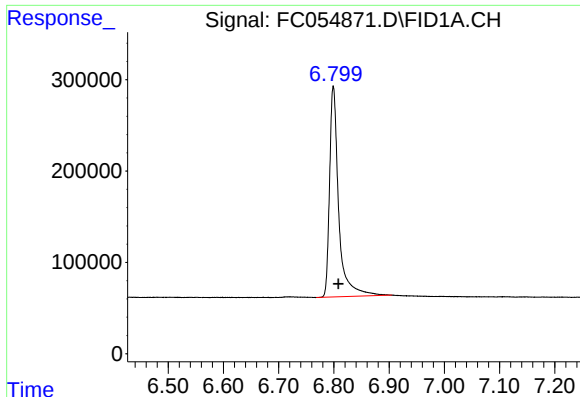
#3 A~Naphthalene (C11.7)

R.T.: 5.748 min
Delta R.T.: -0.008 min
Response: 2630019
Conc: 21.86 ug/ml



#4 n-Dodecane (C12)

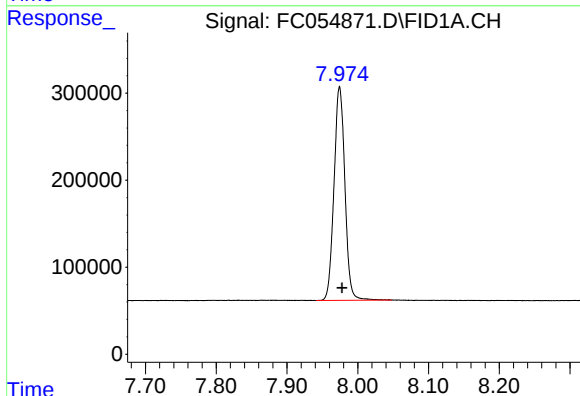
R.T.: 6.187 min
Delta R.T.: -0.004 min
Response: 2573011
Conc: 21.53 ug/ml



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

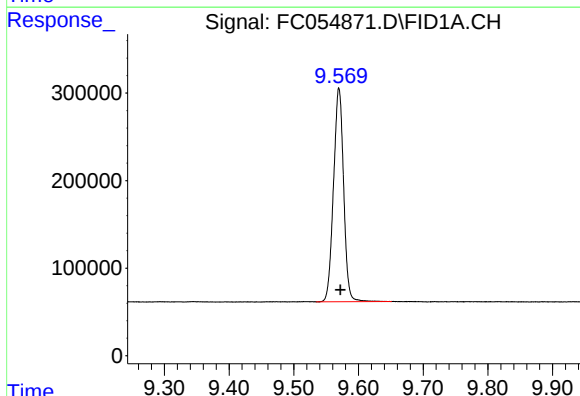
R.T.: 6.799 min
Delta R.T.: -0.009 min
Response: 2654772
Conc: 21.74 ug/ml

Instrument :
FID_C
ClientSampleId :



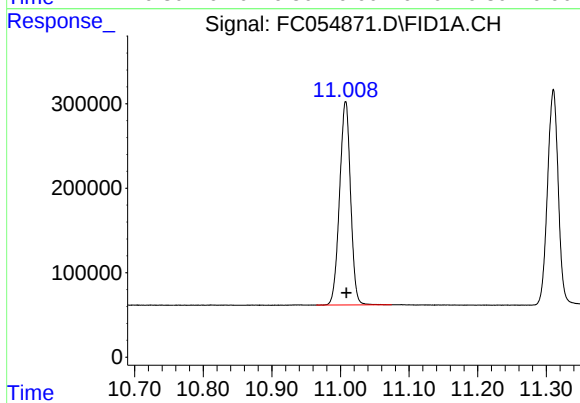
#6 n-Tetradecane (C14)

R.T.: 7.974 min
Delta R.T.: -0.003 min
Response: 2622003
Conc: 21.31 ug/ml



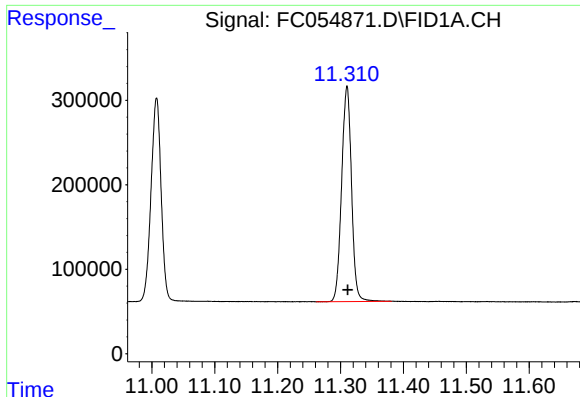
#7 n-Hexadecane (C16)

R.T.: 9.570 min
Delta R.T.: -0.002 min
Response: 2646859
Conc: 21.00 ug/ml



#8 n-Octadecane (C18)

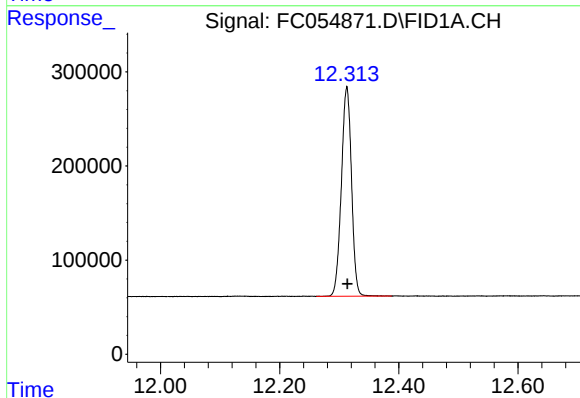
R.T.: 11.007 min
Delta R.T.: -0.001 min
Response: 2681104
Conc: 20.45 ug/ml



#9 ortho-Terphenyl (SURR)

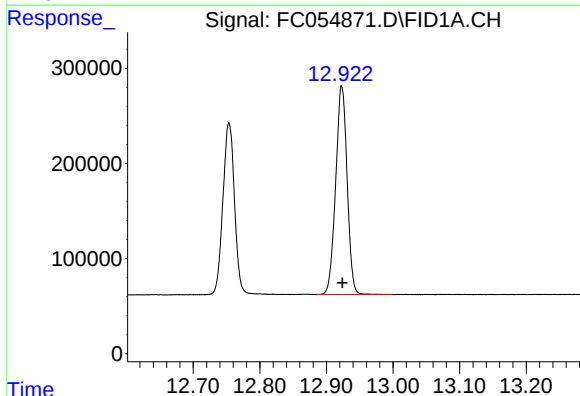
R.T.: 11.310 min
Delta R.T.: -0.001 min
Response: 2783645
Conc: 20.01 ug/ml

Instrument :
FID_C
ClientSampleId :



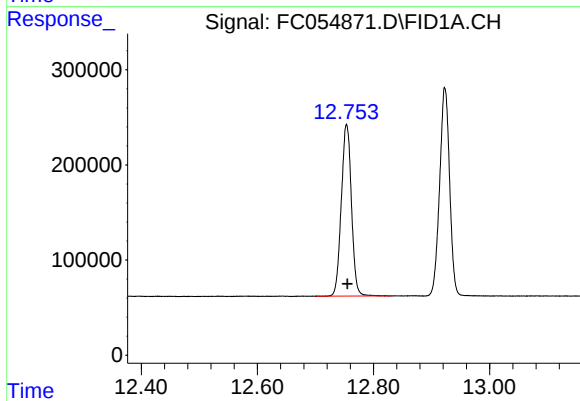
#10 n-Eicosane (C20)

R.T.: 12.313 min
Delta R.T.: -0.001 min
Response: 2625400
Conc: 19.93 ug/ml



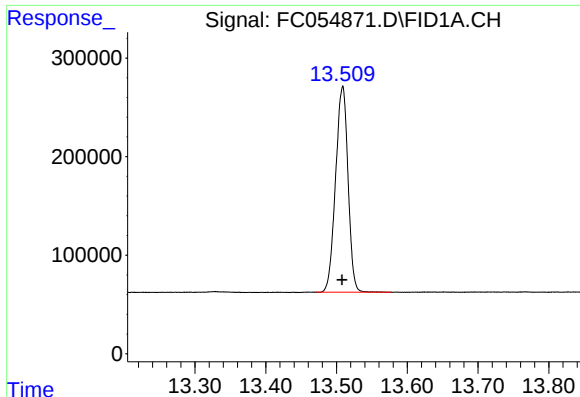
#11 n-Heneicosane (C21)

R.T.: 12.923 min
Delta R.T.: 0.000 min
Response: 2615652
Conc: 19.64 ug/ml



#12 1-chlorooctadecane (SURR)

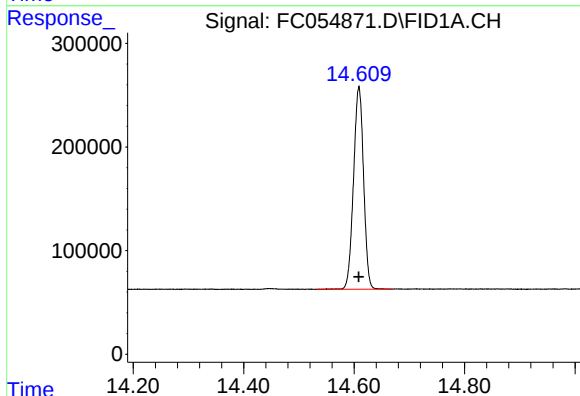
R.T.: 12.754 min
Delta R.T.: -0.001 min
Response: 2185734
Conc: 19.66 ug/ml



#13 n-Docosane (C22)

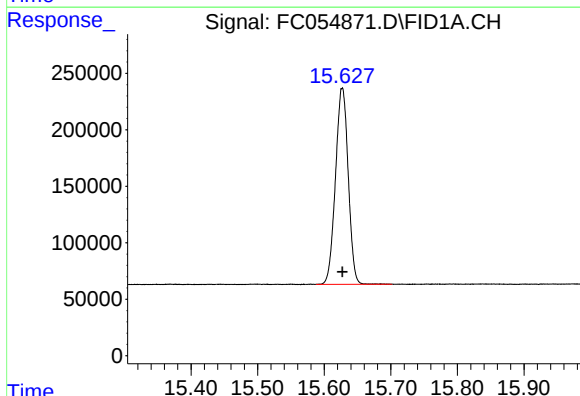
R.T.: 13.508 min
Delta R.T.: 0.000 min
Response: 2552138
Conc: 19.27 ug/ml

Instrument :
FID_C
ClientSampleId :



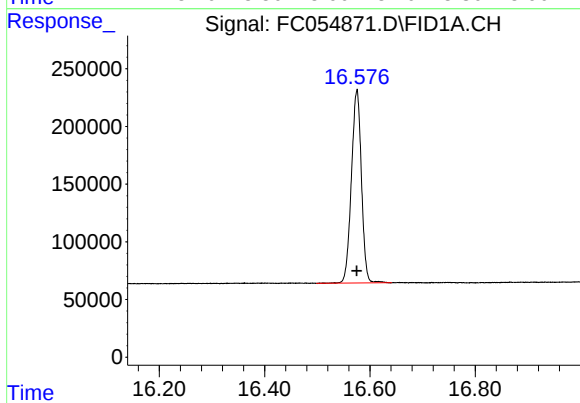
#14 n-Tetracosane (C24)

R.T.: 14.609 min
Delta R.T.: 0.000 min
Response: 2463587
Conc: 18.69 ug/ml



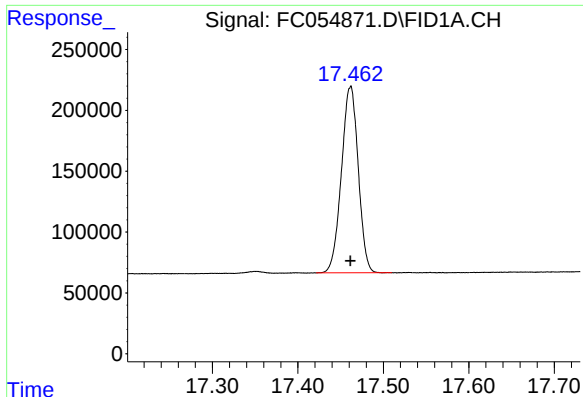
#15 n-Hexacosane (C26)

R.T.: 15.627 min
Delta R.T.: 0.000 min
Response: 2305159
Conc: 17.92 ug/ml



#16 n-Octacosane (C28)

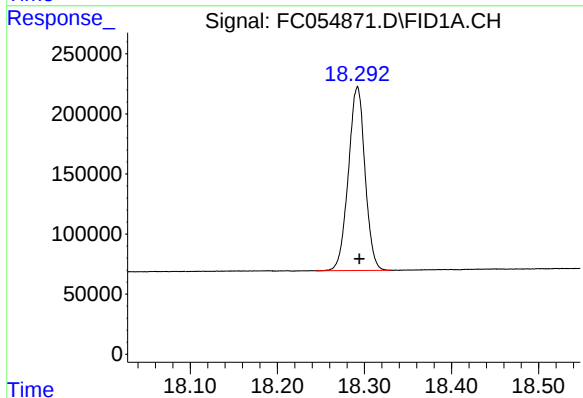
R.T.: 16.575 min
Delta R.T.: 0.000 min
Response: 2206068
Conc: 16.75 ug/ml



#17 n-Tricontane (C30)

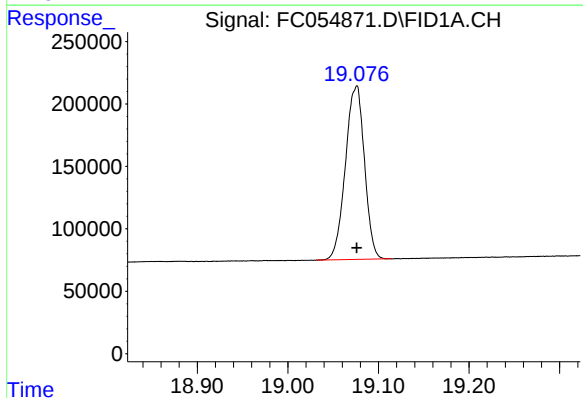
R.T.: 17.461 min
Delta R.T.: 0.000 min
Response: 2094820
Conc: 14.72 ug/ml

Instrument :
FID_C
ClientSampleId :



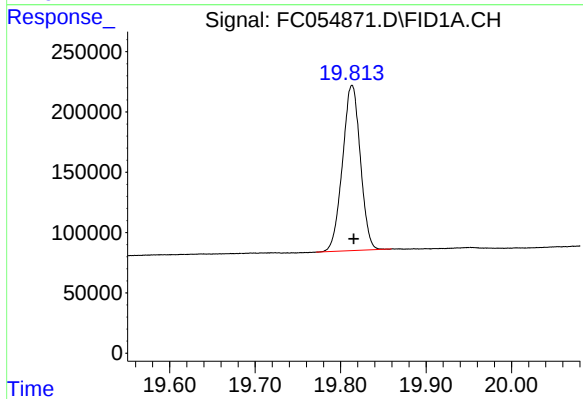
#18 n-Dotriacontane (C32)

R.T.: 18.292 min
Delta R.T.: -0.002 min
Response: 2029842
Conc: 16.40 ug/ml



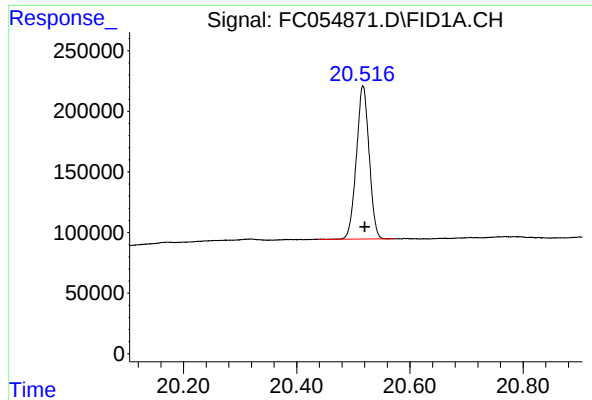
#19 n-Tetratriacontane (C34)

R.T.: 19.075 min
Delta R.T.: 0.000 min
Response: 2027911
Conc: 19.81 ug/ml



#20 n-Hexatriacontane (C36)

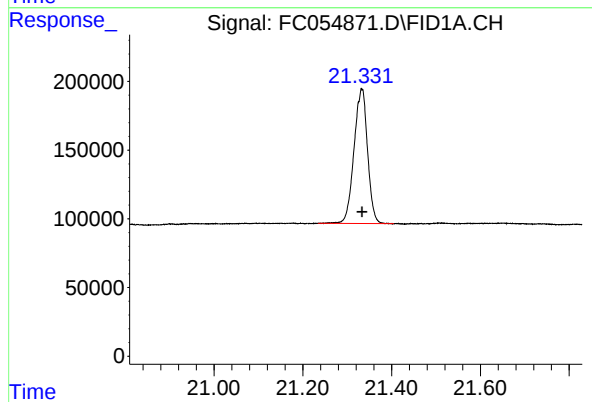
R.T.: 19.813 min
Delta R.T.: -0.002 min
Response: 1992595
Conc: 21.04 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.517 min
Delta R.T.: -0.003 min
Response: 1975178
Conc: 21.21 ug/ml

Instrument :
FID_C
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.333 min
Delta R.T.: 0.000 min
Response: 2077509
Conc: 21.41 ug/ml