

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC080724AL\
 Data File : FC066971.D
 Signal(s) : FID1A.ch
 Acq On : 08 Aug 2024 06:59
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Aug 08 08:14:12 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 071524.M
 Quant Title : GC Extractables
 QLast Update : Mon Jul 15 13:58:41 2024
 Response via : Initial Calibration
 Integrator: ChemStation

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)	11.512	2982881	19.375 ug/ml
Spiked Amount 50.000		Recovery =	38.75%
12) S 1-chlorooctadecane (S...	12.951	2222271	19.874 ug/ml
Spiked Amount 50.000		Recovery =	39.75%
Target Compounds			
1) T n-Nonane (C9)	3.280	2746059	19.353 ug/ml
2) T n-Decane (C10)	4.346	2897094	19.598 ug/ml
3) T A~Naphthalene (C11.7)	5.926	3060668	19.166 ug/ml
4) T n-Dodecane (C12)	6.365	2917806	19.463 ug/ml
5) T A~2-methylnaphthalene...	6.983	2930891	19.118 ug/ml
6) T n-Tetradecane (C14)	8.158	2862113	19.562 ug/ml
7) T n-Hexadecane (C16)	9.758	2930332	19.579 ug/ml
8) T n-Octadecane (C18)	11.200	2924663	19.708 ug/ml
10) T n-Eicosane (C20)	12.508	2751556	19.741 ug/ml
11) T n-Heneicosane (C21)	13.119	2670297	19.604 ug/ml
13) T n-Docosane (C22)	13.704	2642734	19.675 ug/ml
14) T n-Tetracosane (C24)	14.807	2596439	19.520 ug/ml
15) T n-Hexacosane (C26)	15.827	2528891	19.436 ug/ml
16) T n-Octacosane (C28)	16.776	2526272	20.025 ug/ml
17) T n-Tricontane (C30)	17.663	2675049	20.802 ug/ml
18) T n-Dotriacontane (C32)	18.495	2697983	21.431 ug/ml
19) T n-Tetratriacontane (C34)	19.278	2555934	20.660 ug/ml
20) T n-Hexatriacontane (C36)	20.017	2352500	20.224 ug/ml
21) T n-Octatriacontane (C38)	20.743	2247261	20.226 ug/ml
22) T n-Tetracontane (C40)	21.637	2133236	19.622 ug/ml

(f)=RT Delta > 1/2 Window

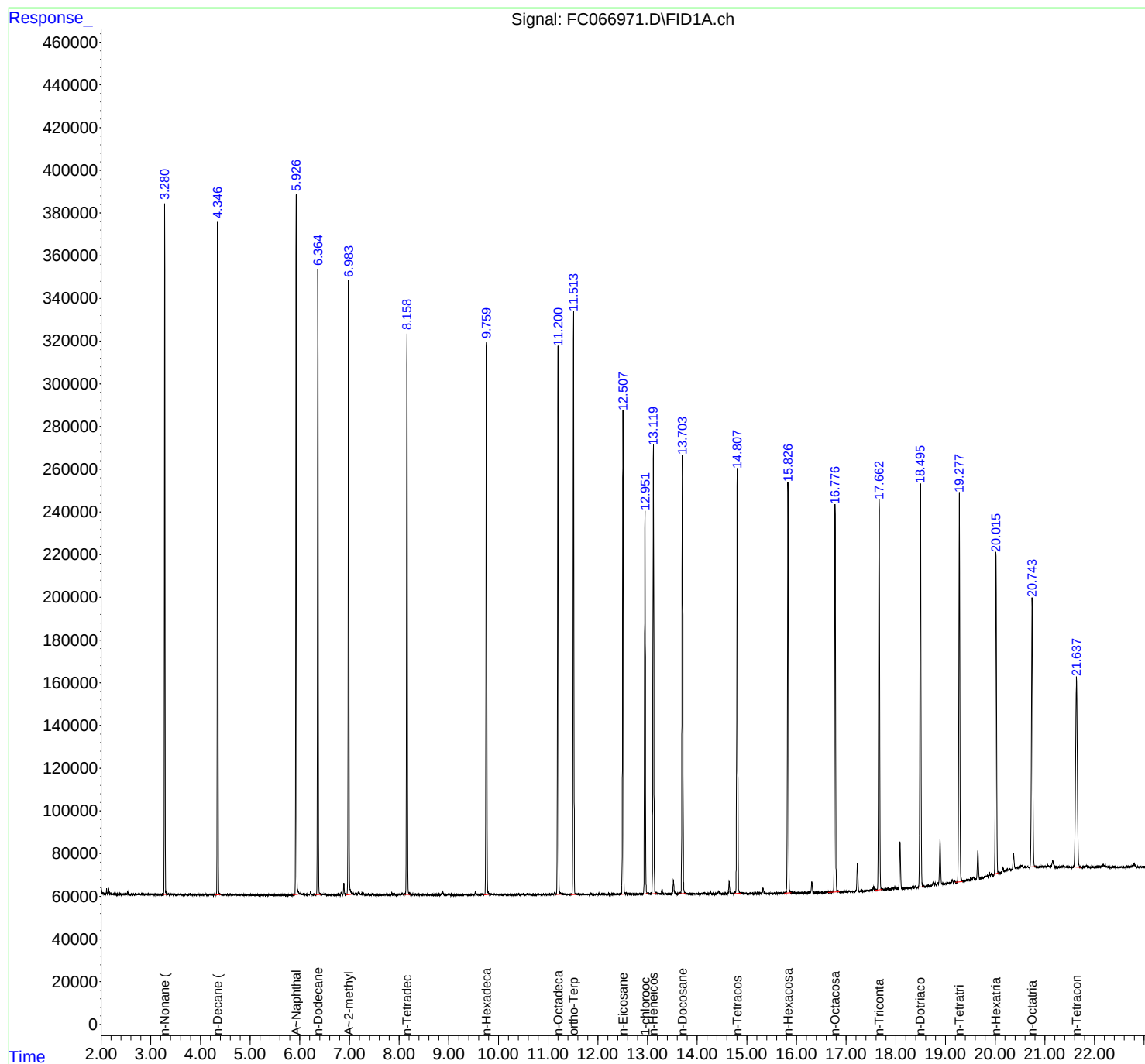
(m)=manual int.

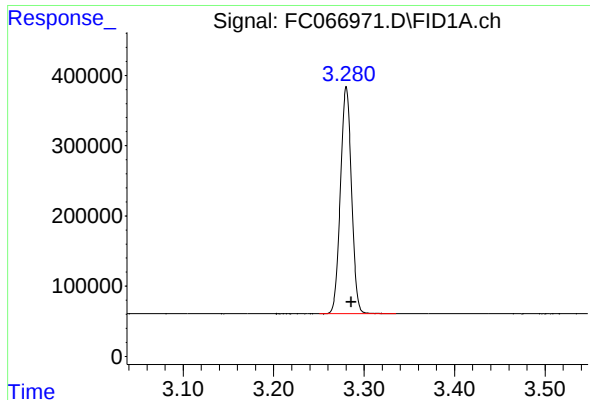
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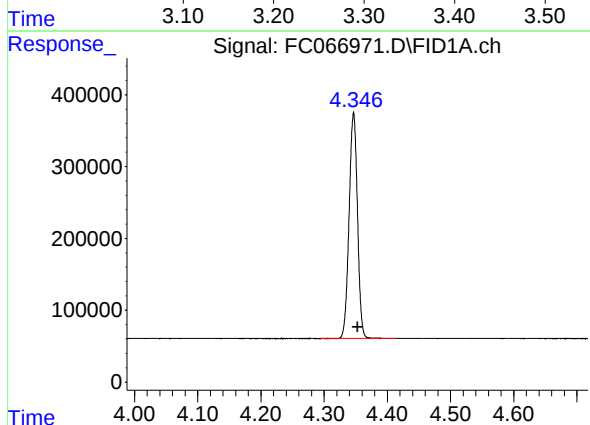




#1 n-Nonane (C9)

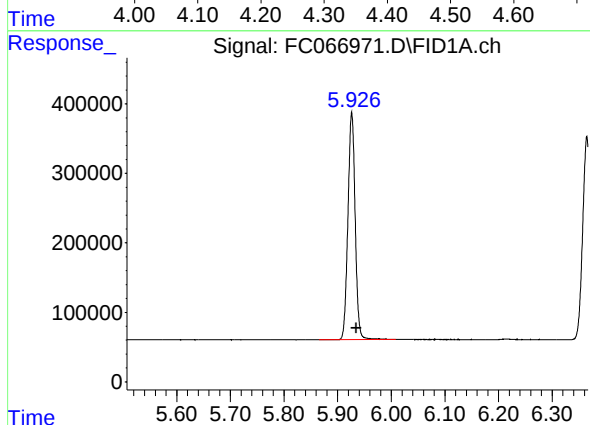
R.T.: 3.280 min
Delta R.T.: -0.006 min
Response: 2746059
Conc: 19.35 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



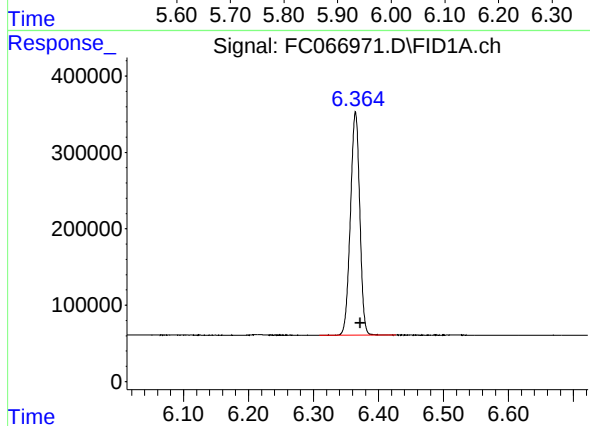
#2 n-Decane (C10)

R.T.: 4.346 min
Delta R.T.: -0.006 min
Response: 2897094
Conc: 19.60 ug/ml



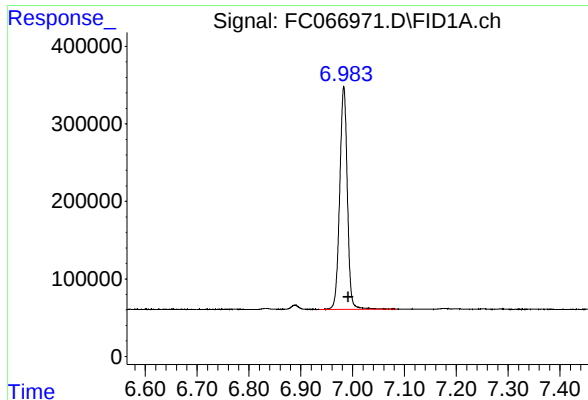
#3 A~Naphthalene (C11.7)

R.T.: 5.926 min
Delta R.T.: -0.008 min
Response: 3060668
Conc: 19.17 ug/ml



#4 n-Dodecane (C12)

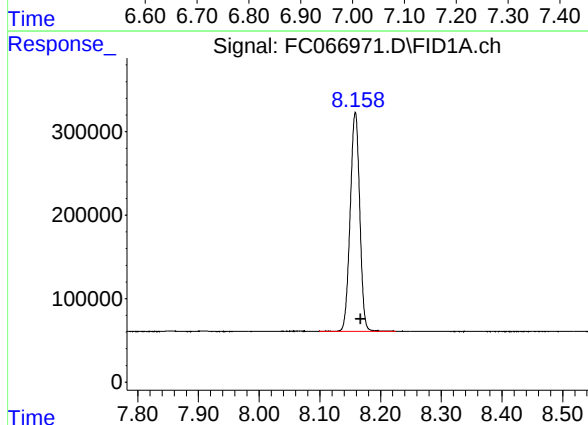
R.T.: 6.365 min
Delta R.T.: -0.007 min
Response: 2917806
Conc: 19.46 ug/ml



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

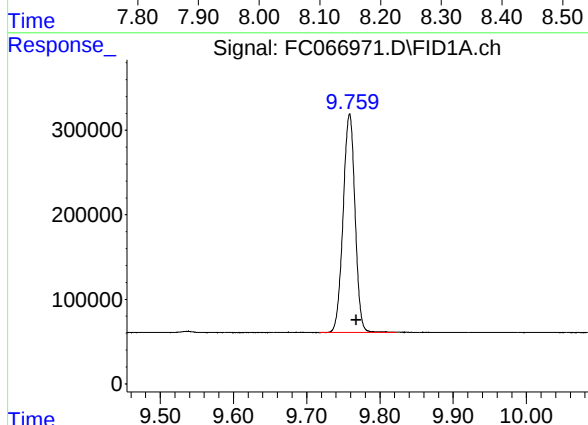
R.T.: 6.983 min
Delta R.T.: -0.008 min
Response: 2930891
Conc: 19.12 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



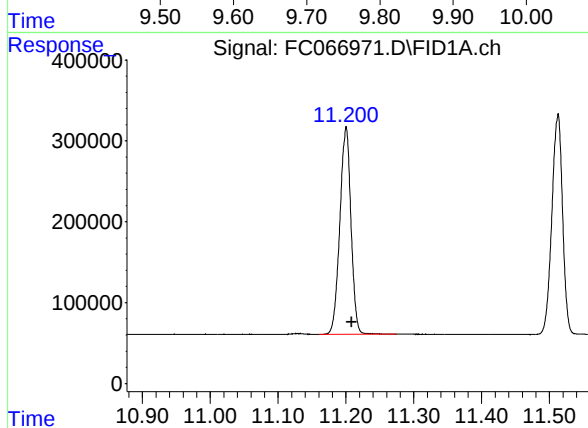
#6 n-Tetradecane (C14)

R.T.: 8.158 min
Delta R.T.: -0.009 min
Response: 2862113
Conc: 19.56 ug/ml



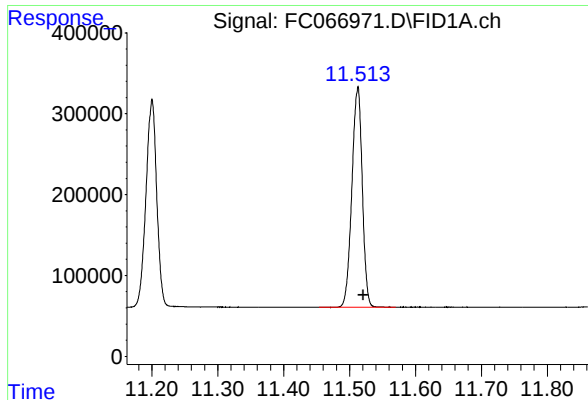
#7 n-Hexadecane (C16)

R.T.: 9.758 min
Delta R.T.: -0.009 min
Response: 2930332
Conc: 19.58 ug/ml



#8 n-Octadecane (C18)

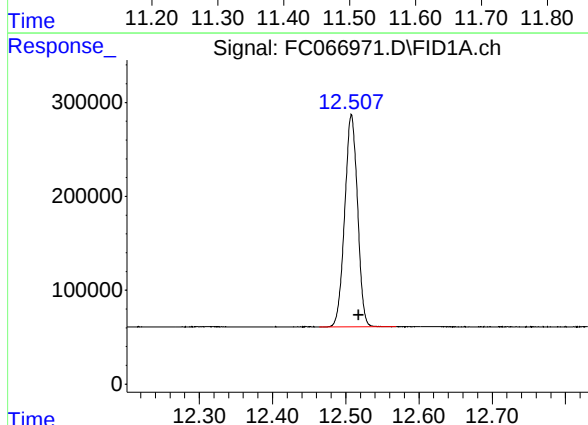
R.T.: 11.200 min
Delta R.T.: -0.009 min
Response: 2924663
Conc: 19.71 ug/ml



#9 ortho-Terphenyl (SURR)

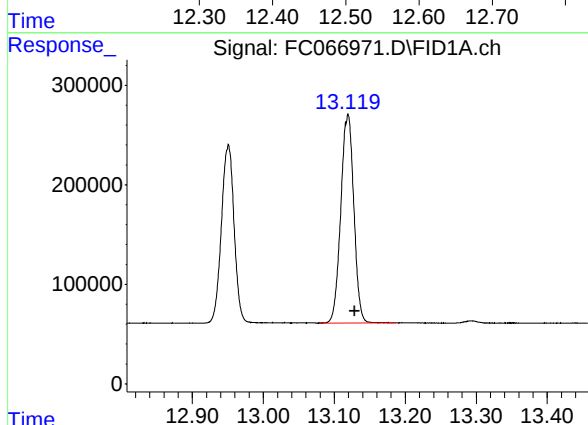
R.T.: 11.512 min
Delta R.T.: -0.009 min
Response: 2982881
Conc: 19.38 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



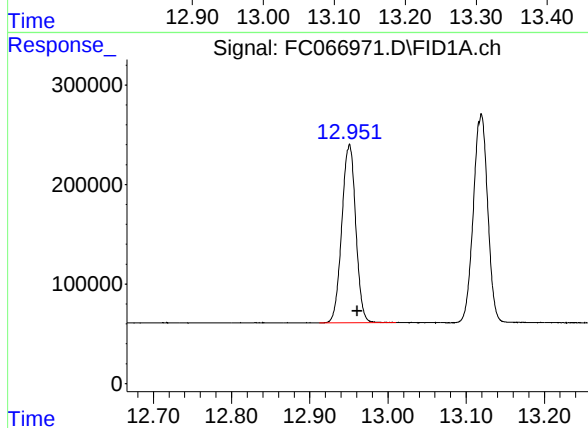
#10 n-Eicosane (C20)

R.T.: 12.508 min
Delta R.T.: -0.010 min
Response: 2751556
Conc: 19.74 ug/ml



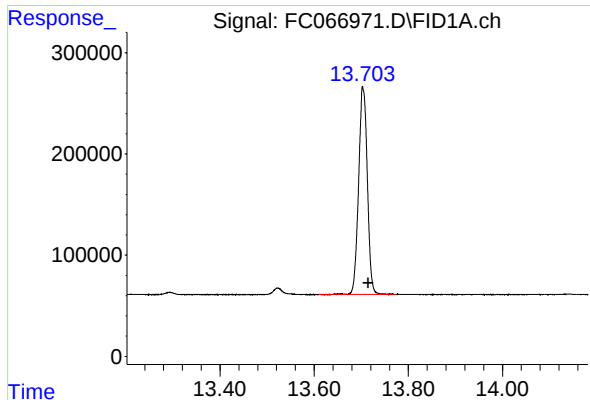
#11 n-Heneicosane (C21)

R.T.: 13.119 min
Delta R.T.: -0.010 min
Response: 2670297
Conc: 19.60 ug/ml



#12 1-chlorooctadecane (SURR)

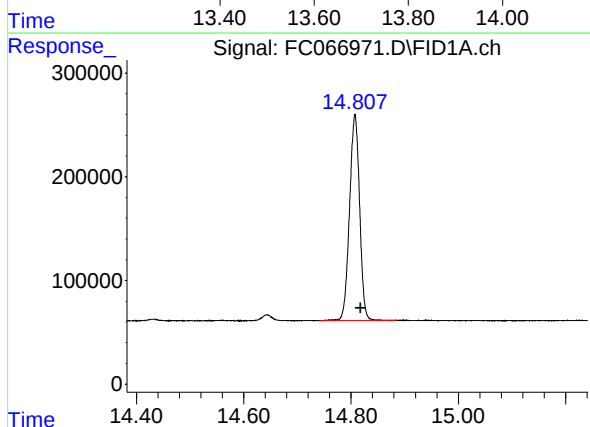
R.T.: 12.951 min
Delta R.T.: -0.010 min
Response: 2222271
Conc: 19.87 ug/ml



#13 n-Docosane (C22)

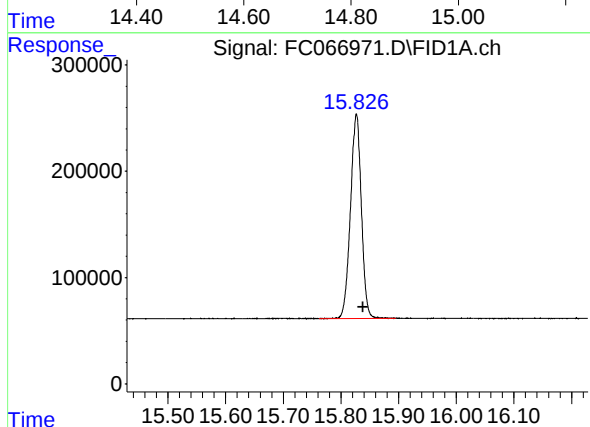
R.T.: 13.704 min
Delta R.T.: -0.011 min
Response: 2642734
Conc: 19.67 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



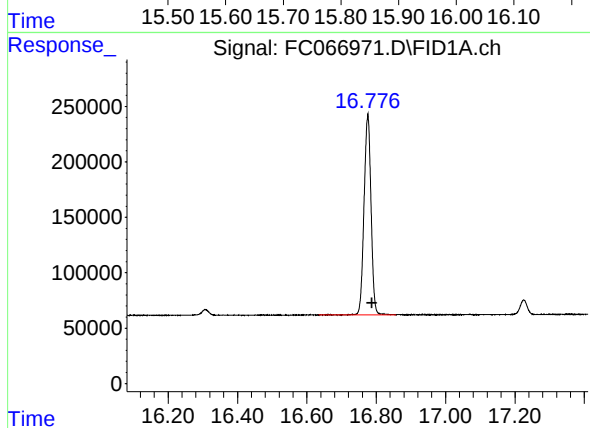
#14 n-Tetracosane (C24)

R.T.: 14.807 min
Delta R.T.: -0.010 min
Response: 2596439
Conc: 19.52 ug/ml



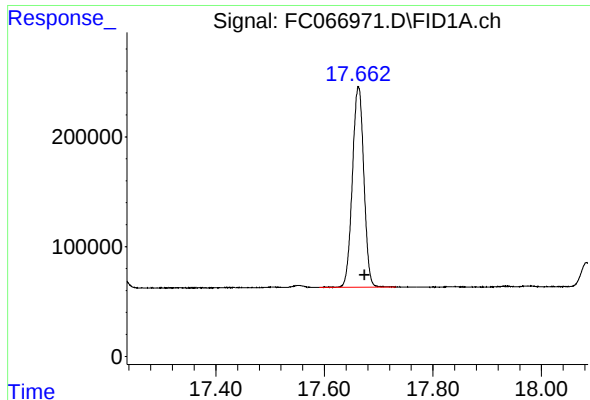
#15 n-Hexacosane (C26)

R.T.: 15.827 min
Delta R.T.: -0.012 min
Response: 2528891
Conc: 19.44 ug/ml



#16 n-Octacosane (C28)

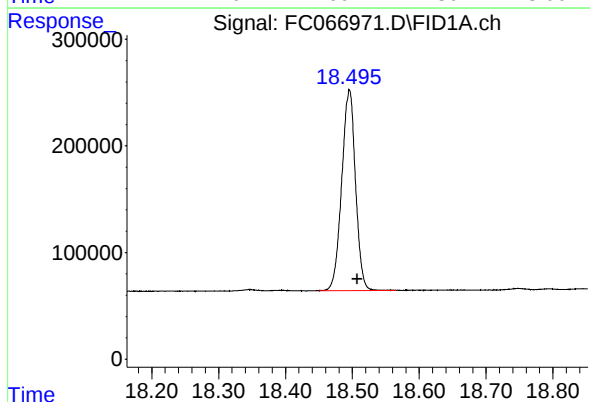
R.T.: 16.776 min
Delta R.T.: -0.012 min
Response: 2526272
Conc: 20.03 ug/ml



#17 n-Tricontane (C30)

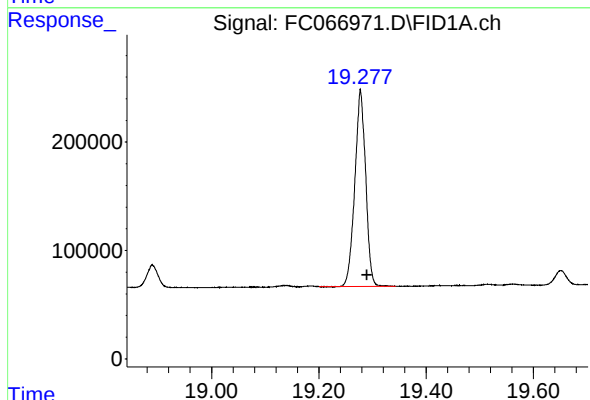
R.T.: 17.663 min
Delta R.T.: -0.011 min
Response: 2675049
Conc: 20.80 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



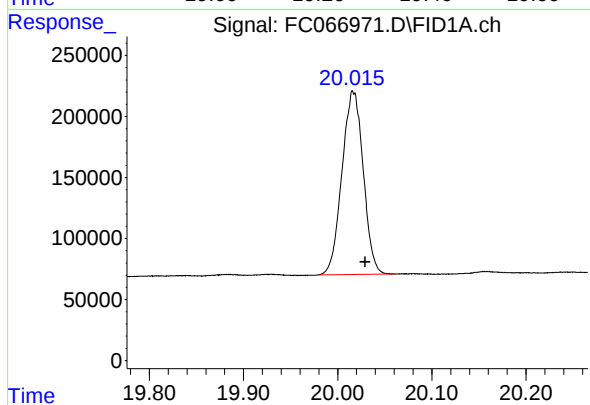
#18 n-Dotriacontane (C32)

R.T.: 18.495 min
Delta R.T.: -0.012 min
Response: 2697983
Conc: 21.43 ug/ml



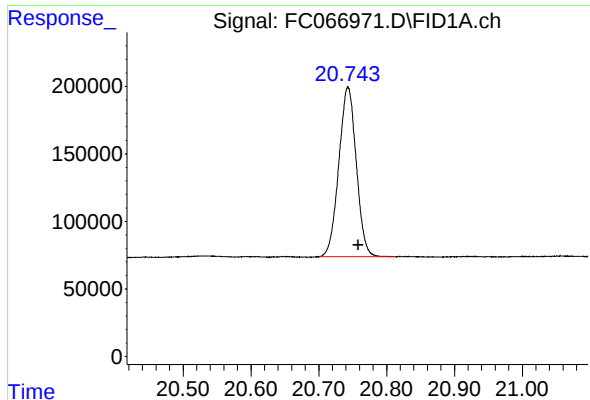
#19 n-Tetatriacontane (C34)

R.T.: 19.278 min
Delta R.T.: -0.012 min
Response: 2555934
Conc: 20.66 ug/ml



#20 n-Hexatriacontane (C36)

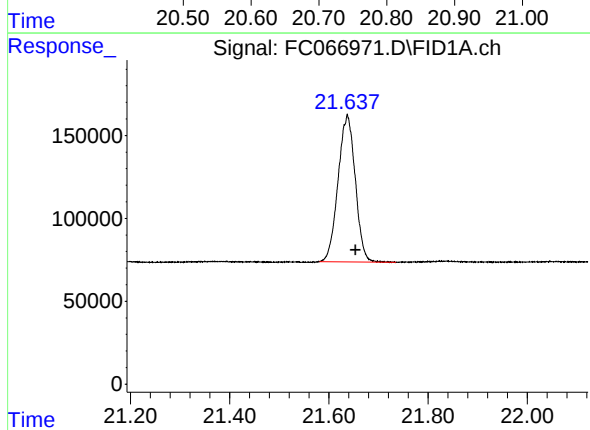
R.T.: 20.017 min
Delta R.T.: -0.012 min
Response: 2352500
Conc: 20.22 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.743 min
Delta R.T.: -0.015 min
Response: 2247261
Conc: 20.23 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.637 min
Delta R.T.: -0.017 min
Response: 2133236
Conc: 19.62 ug/ml