

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC072323AL\
 Data File : FC064243.D
 Signal(s) : FID1A.ch
 Acq On : 23 Jul 2023 07:35
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD ICV
 Misc :
 ALS Vial : 88 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD ICV

Integration File: autoint1.e
 Quant Time: Jul 24 01:59:48 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 072323.M
 Quant Title : GC Extractables
 QLast Update : Mon Jul 24 01:54:49 2023
 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)	11.513	3699405	20.736 ug/ml
Spiked Amount 50.000		Recovery =	41.47%
12) S 1-chlorooctadecane (S...	12.947	2633060	20.879 ug/ml
Spiked Amount 50.000		Recovery =	41.76%
Target Compounds			
1) T n-Nonane (C9)	3.299	3352433	20.661 ug/ml
2) T n-Decane (C10)	4.362	3397000	20.774 ug/ml
3) T A~Naphthalene (C11.7)	5.943	3481348	21.451 ug/ml
4) T n-Dodecane (C12)	6.376	3394174	20.791 ug/ml
5) T A~2-methylnaphthalene...	6.998	3267893	21.447 ug/ml
6) T n-Tetradecane (C14)	8.166	3295095	20.987 ug/ml
7) T n-Hexadecane (C16)	9.763	3297803	20.974 ug/ml
8) T n-Octadecane (C18)	11.200	3301537	20.838 ug/ml
10) T n-Eicosane (C20)	12.505	3102626	20.789 ug/ml
11) T n-Heneicosane (C21)	13.115	3028826	20.752 ug/ml
13) T n-Docosane (C22)	13.698	2967704	20.793 ug/ml
14) T n-Tetracosane (C24)	14.799	2908327	20.705 ug/ml
15) T n-Hexacosane (C26)	15.816	2835469	20.649 ug/ml
16) T n-Octacosane (C28)	16.762	2760532	20.586 ug/ml
17) T n-Tricontane (C30)	17.648	2800232	20.174 ug/ml
18) T n-Dotriacontane (C32)	18.476	2782803	19.775 ug/ml
19) T n-Tetratriacontane (C34)	19.257	2776943	20.001 ug/ml
20) T n-Hexatriacontane (C36)	19.993	2721859	20.060 ug/ml
21) T n-Octatriacontane (C38)	20.715	2746959	20.253 ug/ml
22) T n-Tetracontane (C40)	21.598	2717095	20.228 ug/ml

(f)=RT Delta > 1/2 Window

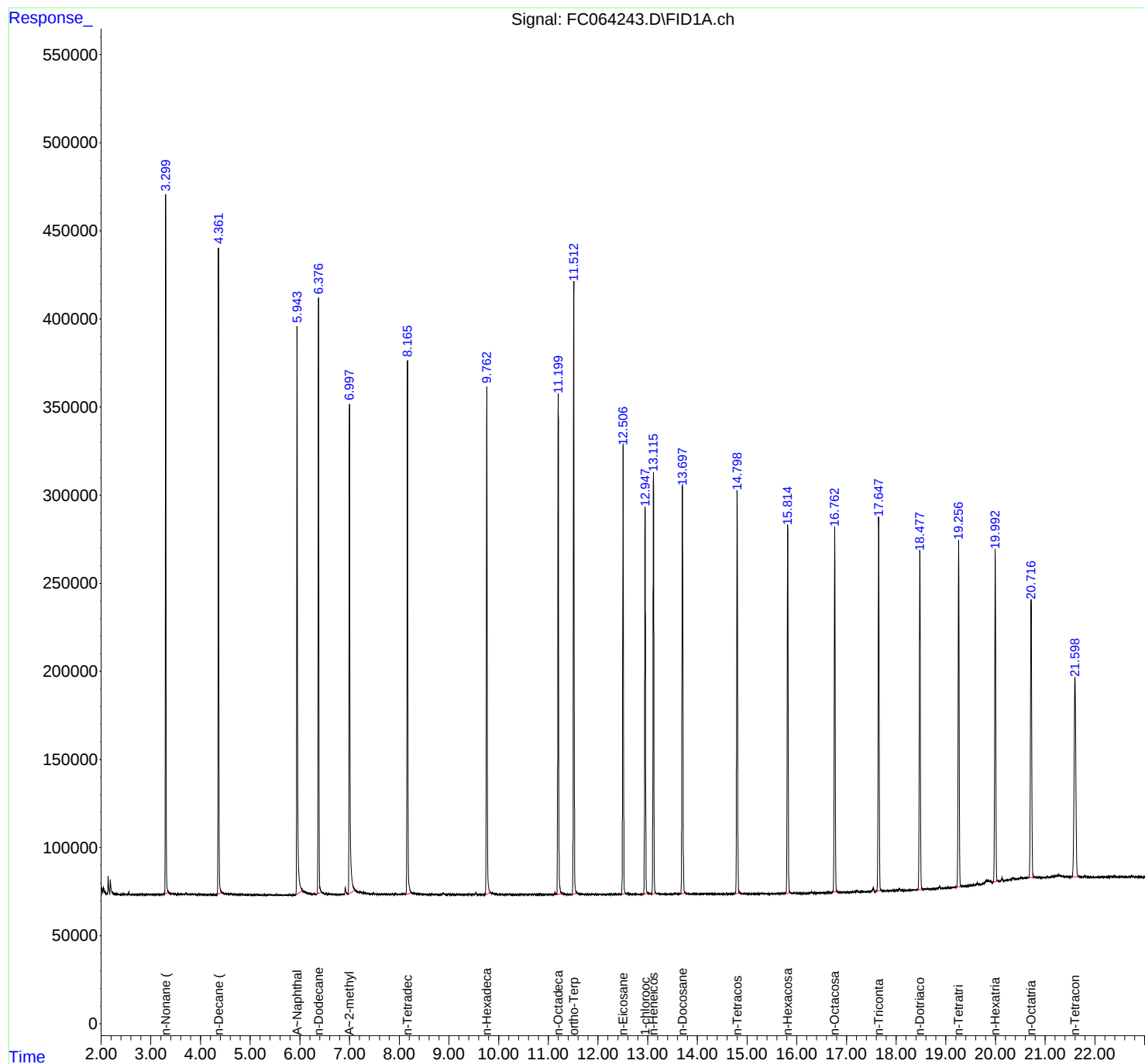
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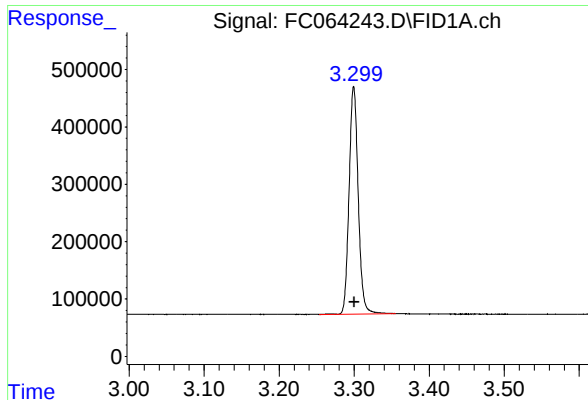
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#1 n-Nonane (C9)

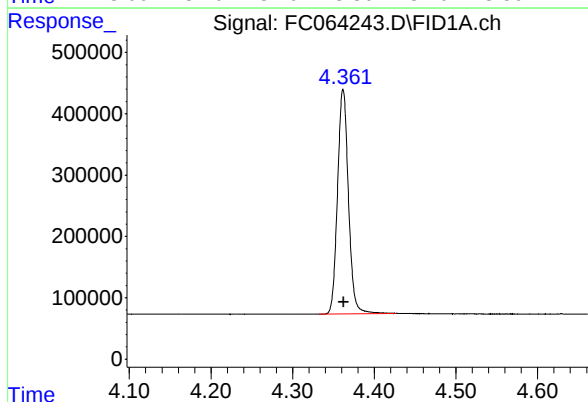
R.T.: 3.299 min
Delta R.T.: 0.000 min
Response: 3352433
Conc: 20.66 ug/ml

Instrument :

FID_C

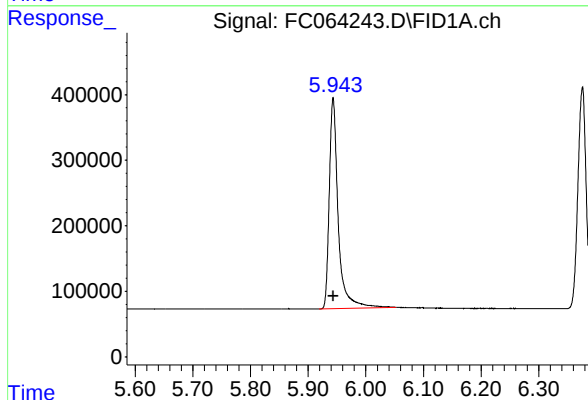
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



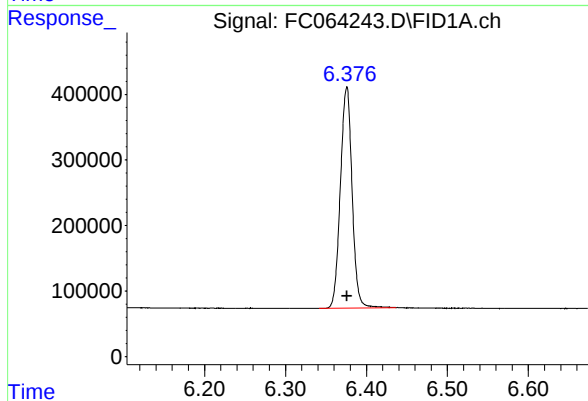
#2 n-Decane (C10)

R.T.: 4.362 min
Delta R.T.: 0.000 min
Response: 3397000
Conc: 20.77 ug/ml



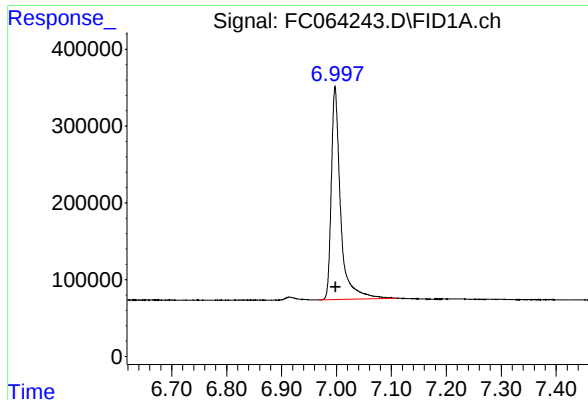
#3 A~Naphthalene (C11.7)

R.T.: 5.943 min
Delta R.T.: 0.000 min
Response: 3481348
Conc: 21.45 ug/ml



#4 n-Dodecane (C12)

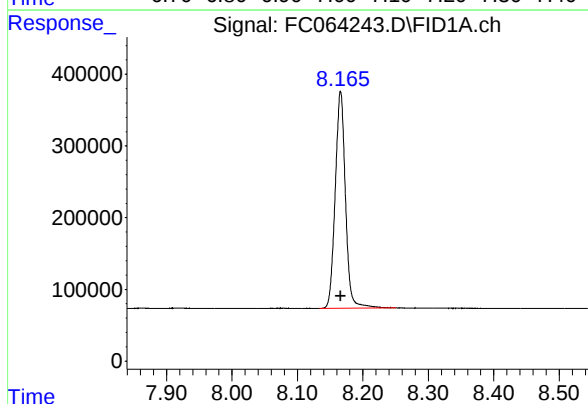
R.T.: 6.376 min
Delta R.T.: 0.000 min
Response: 3394174
Conc: 20.79 ug/ml



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

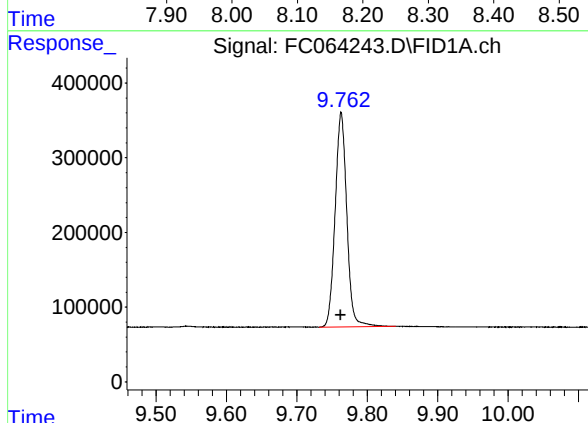
R.T.: 6.998 min
Delta R.T.: 0.000 min
Response: 3267893
Conc: 21.45 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD ICV



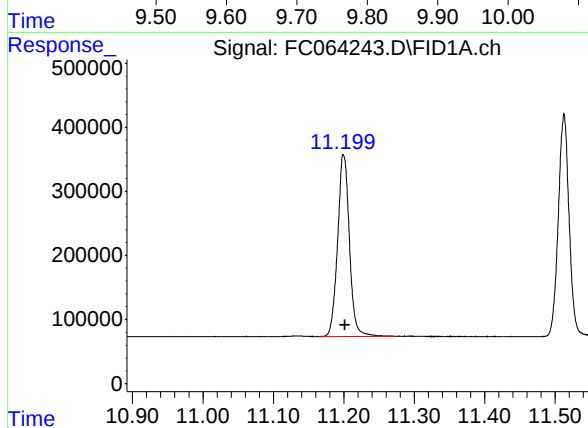
#6 n-Tetradecane (C14)

R.T.: 8.166 min
Delta R.T.: 0.000 min
Response: 3295095
Conc: 20.99 ug/ml



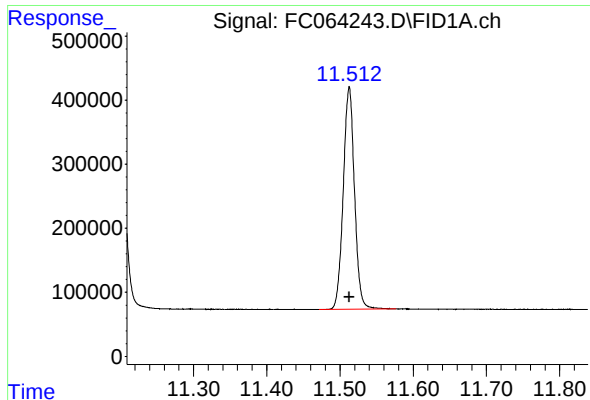
#7 n-Hexadecane (C16)

R.T.: 9.763 min
Delta R.T.: 0.001 min
Response: 3297803
Conc: 20.97 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.200 min
Delta R.T.: -0.002 min
Response: 3301537
Conc: 20.84 ug/ml



#9 ortho-Terphenyl (SURR)

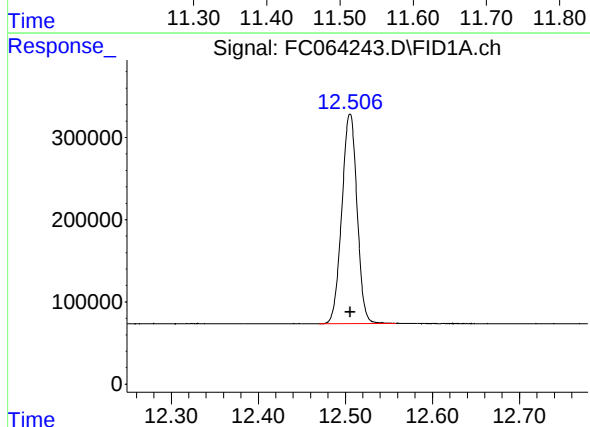
R.T.: 11.513 min
Delta R.T.: 0.000 min
Response: 3699405
Conc: 20.74 ug/ml

Instrument :

FID_C

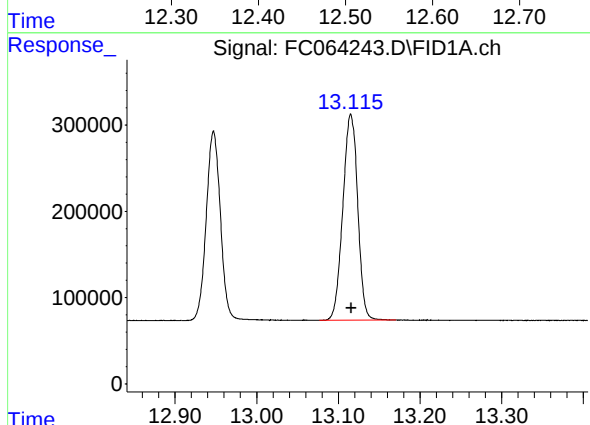
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



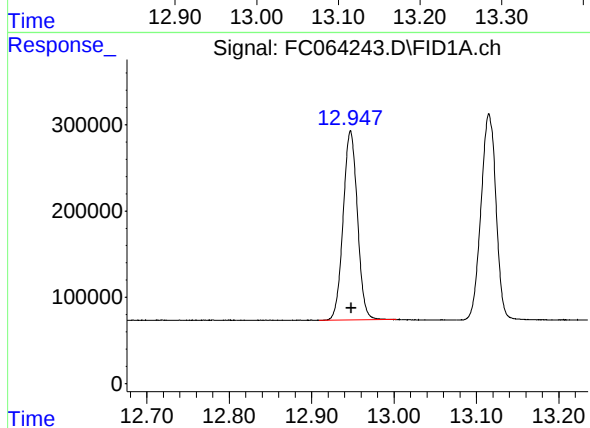
#10 n-Eicosane (C20)

R.T.: 12.505 min
Delta R.T.: 0.000 min
Response: 3102626
Conc: 20.79 ug/ml



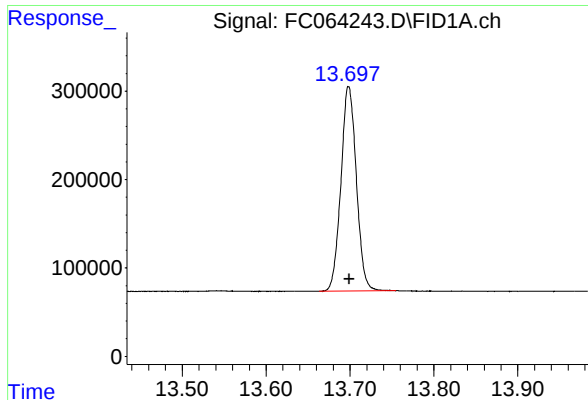
#11 n-Heneicosane (C21)

R.T.: 13.115 min
Delta R.T.: 0.000 min
Response: 3028826
Conc: 20.75 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.947 min
Delta R.T.: 0.000 min
Response: 2633060
Conc: 20.88 ug/ml



#13 n-Docosane (C22)

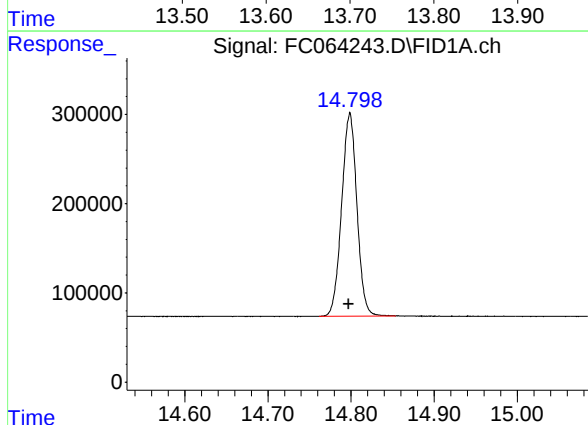
R.T.: 13.698 min
Delta R.T.: -0.001 min
Response: 2967704
Conc: 20.79 ug/ml

Instrument :

FID_C

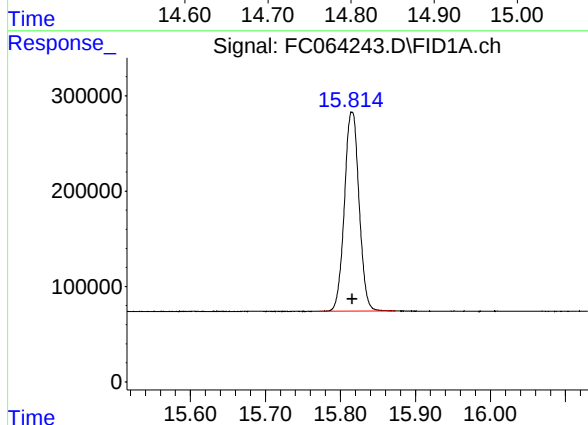
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



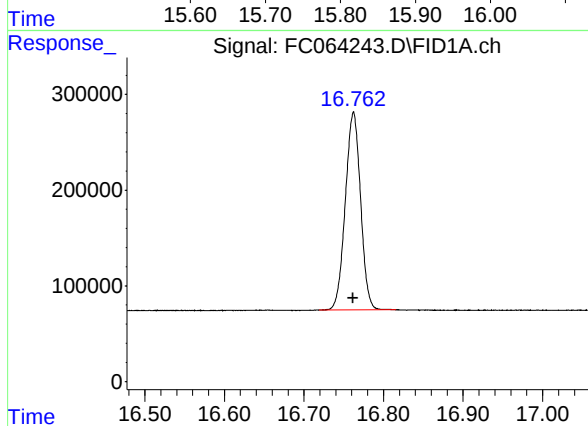
#14 n-Tetracosane (C24)

R.T.: 14.799 min
Delta R.T.: 0.002 min
Response: 2908327
Conc: 20.71 ug/ml



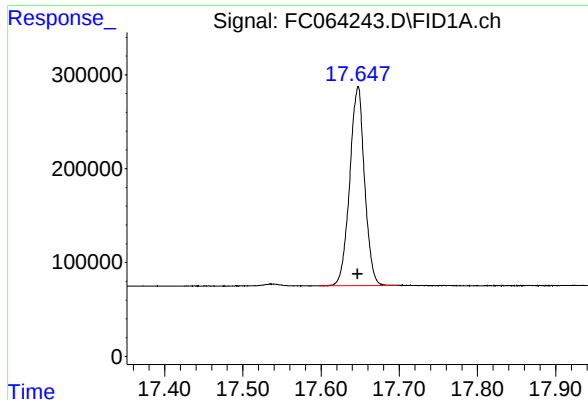
#15 n-Hexacosane (C26)

R.T.: 15.816 min
Delta R.T.: 0.000 min
Response: 2835469
Conc: 20.65 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.762 min
Delta R.T.: 0.000 min
Response: 2760532
Conc: 20.59 ug/ml



#17 n-Tricontane (C30)

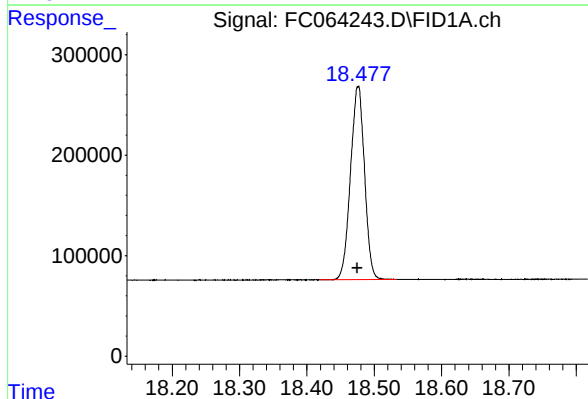
R.T.: 17.648 min
Delta R.T.: 0.000 min
Response: 2800232
Conc: 20.17 ug/ml

Instrument :

FID_C

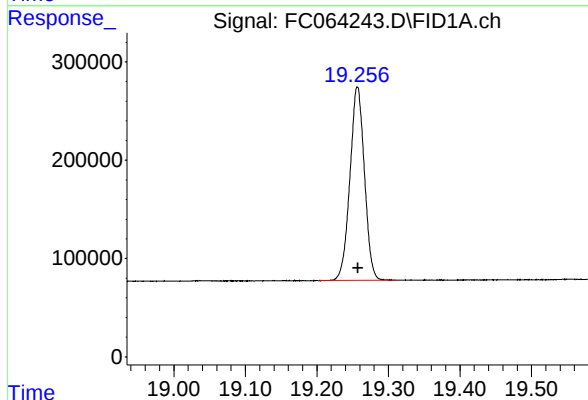
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



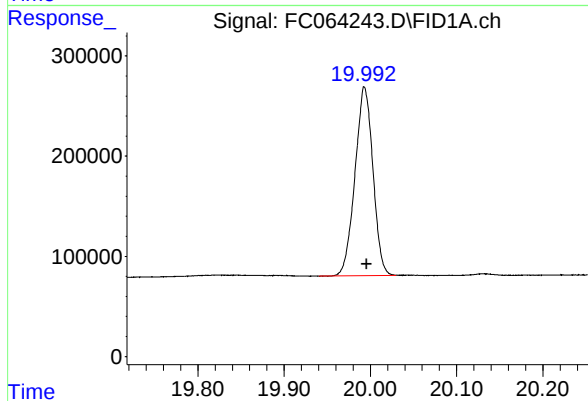
#18 n-Dotriacontane (C32)

R.T.: 18.476 min
Delta R.T.: 0.000 min
Response: 2782803
Conc: 19.78 ug/ml



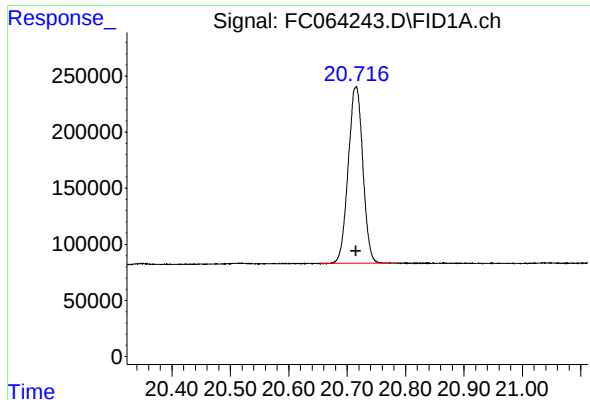
#19 n-Tetatriacontane (C34)

R.T.: 19.257 min
Delta R.T.: -0.001 min
Response: 2776943
Conc: 20.00 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.993 min
Delta R.T.: -0.003 min
Response: 2721859
Conc: 20.06 ug/ml



#21 n-Octatriacontane (C38)

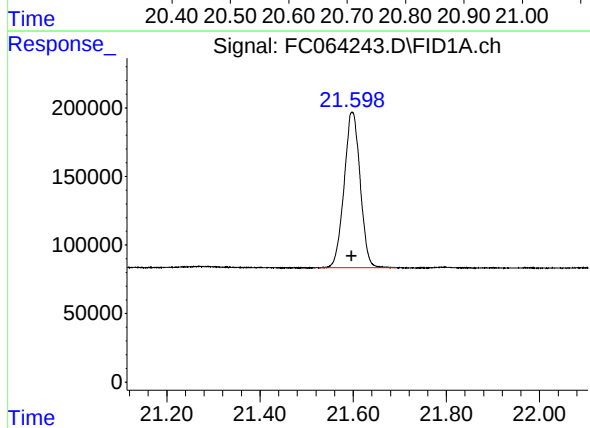
R.T.: 20.715 min
Delta R.T.: 0.000 min
Response: 2746959
Conc: 20.25 ug/ml

Instrument :

FID_C

ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



#22 n-Tetracontane (C40)

R.T.: 21.598 min
Delta R.T.: 0.000 min
Response: 2717095
Conc: 20.23 ug/ml