

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC111424AL\
 Data File : FC067751.D
 Signal(s) : FID1A.ch
 Acq On : 14 Nov 2024 12:27
 Operator : YP/AJ
 Sample : 10 PPM ALIHPHATIC HC STD4
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 10 PPM ALIHPHATIC HC STD4

Integration File: autoint1.e
 Quant Time: Nov 14 13:15:13 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 111424.M
 Quant Title : GC Extractables
 QLast Update : Thu Nov 14 13:15:05 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)	11.487	2050947	10.694 ug/ml
Spiked Amount 50.000		Recovery =	21.39%
12) S 1-chlorooctadecane (S...	12.925	1552495	10.822 ug/ml
Spiked Amount 50.000		Recovery =	21.64%
Target Compounds			
1) T n-Nonane (C9)	3.272	1699554	10.510 ug/ml
2) T n-Decane (C10)	4.334	1727323	10.479 ug/ml
3) T A~Naphthalene (C11.7)	5.910	1904344	10.445 ug/ml
4) T n-Dodecane (C12)	6.348	1755770	10.490 ug/ml
5) T A~2-methylnaphthalene...	6.964	1839874	10.380 ug/ml
6) T n-Tetradecane (C14)	8.139	1744653	10.478 ug/ml
7) T n-Hexadecane (C16)	9.737	1816587	10.546 ug/ml
8) T n-Octadecane (C18)	11.176	1866614	10.714 ug/ml
10) T n-Eicosane (C20)	12.483	1808575	10.894 ug/ml
11) T n-Heneicosane (C21)	13.094	1769034	10.920 ug/ml
13) T n-Docosane (C22)	13.679	1749101	10.949 ug/ml
14) T n-Tetracosane (C24)	14.780	1707779	10.952 ug/ml
15) T n-Hexacosane (C26)	15.799	1641995	10.918 ug/ml
16) T n-Octacosane (C28)	16.747	1593212	10.921 ug/ml
17) T n-Tricontane (C30)	17.634	1615415	11.012 ug/ml
18) T n-Dotriacontane (C32)	18.464	1566436	11.134 ug/ml
19) T n-Tetratriacontane (C34)	19.246	1350731	11.126 ug/ml
20) T n-Hexatriacontane (C36)	19.985	1081784	10.652 ug/ml
21) T n-Octatriacontane (C38)	20.705	1043301	10.911 ug/ml
22) T n-Tetracontane (C40)	21.587	898236	9.622 ug/ml

(f)=RT Delta > 1/2 Window

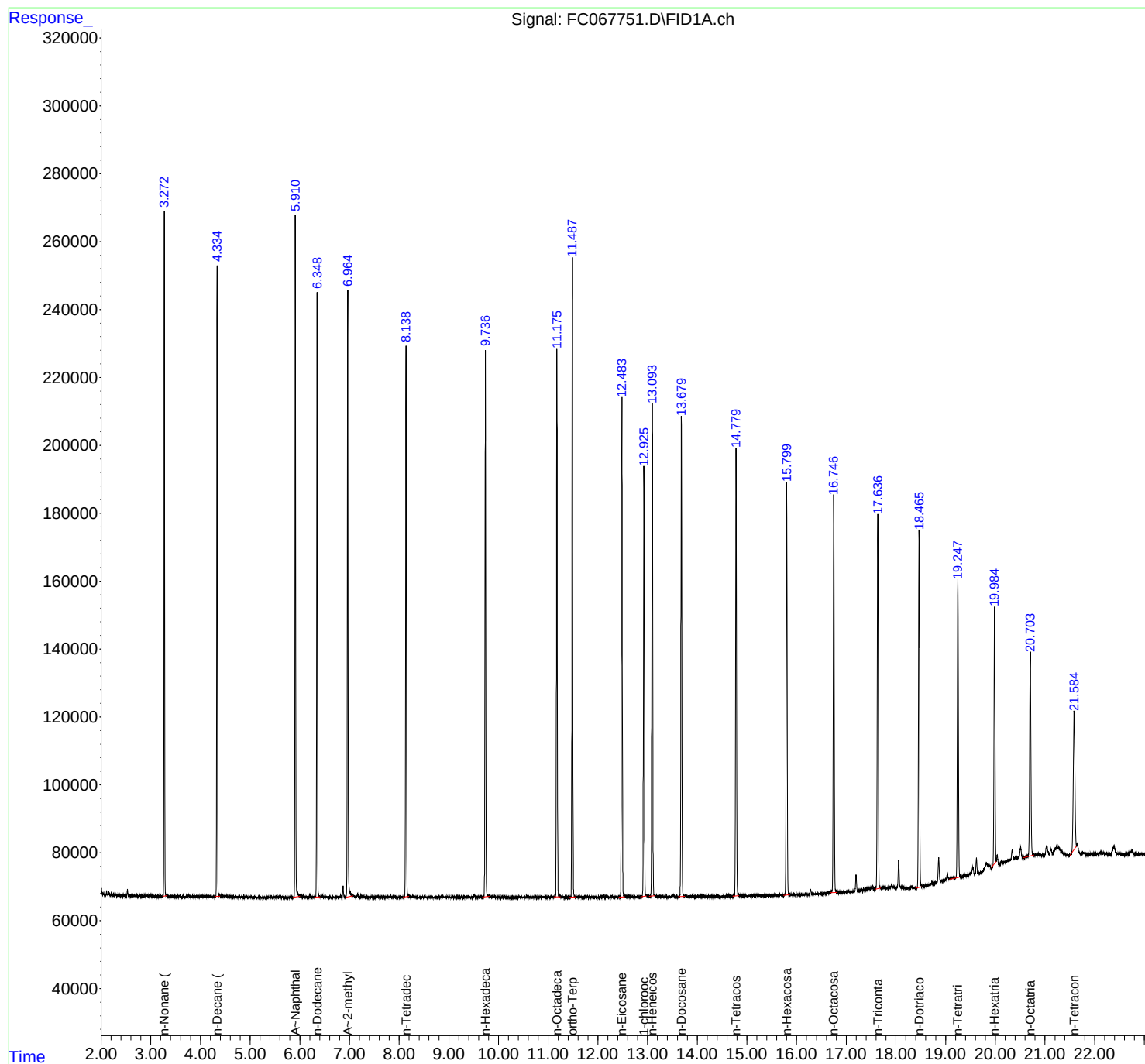
(m)=manual int.

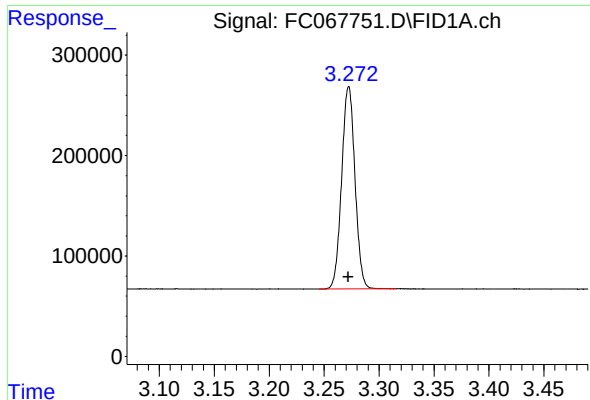
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC111424AL\
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#1 n-Nonane (C9)

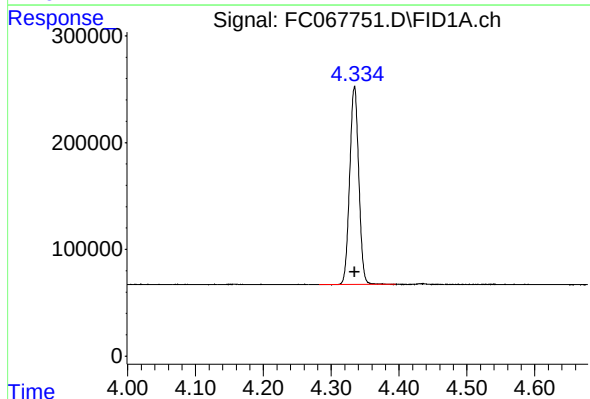
R.T.: 3.272 min
Delta R.T.: 0.000 min
Response: 1699554
Conc: 10.51 ug/ml

Instrument :

FID_C

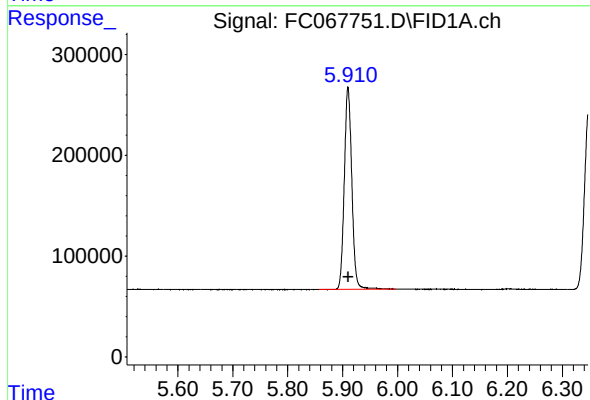
ClientSampleId :

10 PPM ALIPHATIC HC STD4



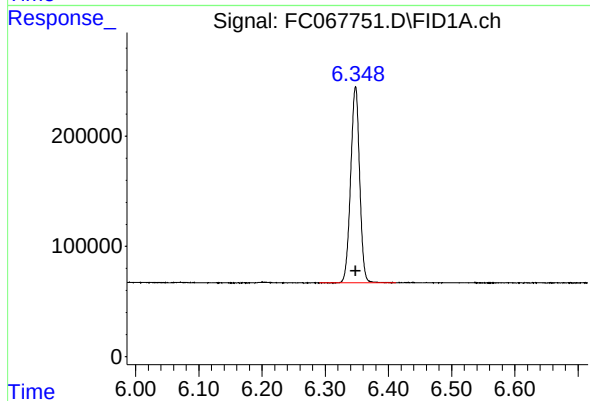
#2 n-Decane (C10)

R.T.: 4.334 min
Delta R.T.: 0.000 min
Response: 1727323
Conc: 10.48 ug/ml



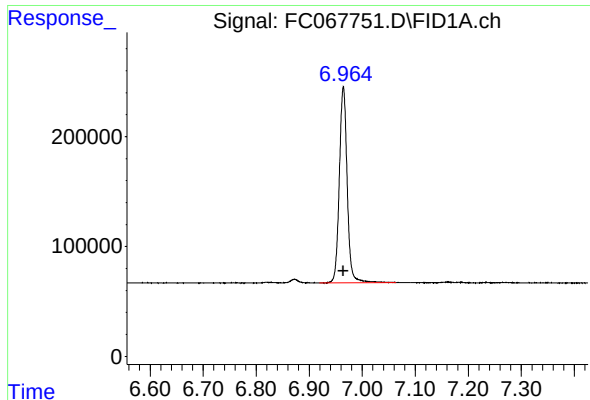
#3 A~Naphthalene (C11.7)

R.T.: 5.910 min
Delta R.T.: 0.000 min
Response: 1904344
Conc: 10.44 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.348 min
Delta R.T.: 0.000 min
Response: 1755770
Conc: 10.49 ug/ml



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

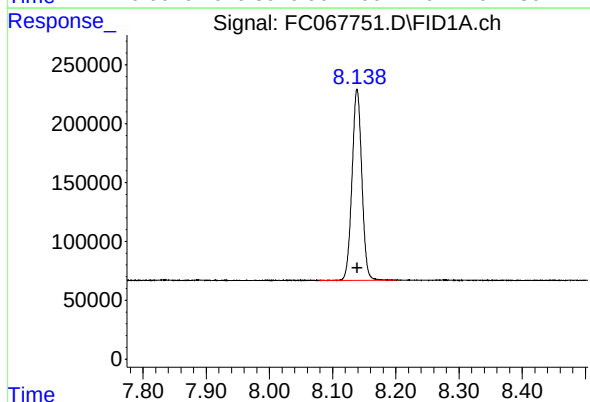
R.T.: 6.964 min
Delta R.T.: 0.000 min
Response: 1839874
Conc: 10.38 ug/ml

Instrument :

FID_C

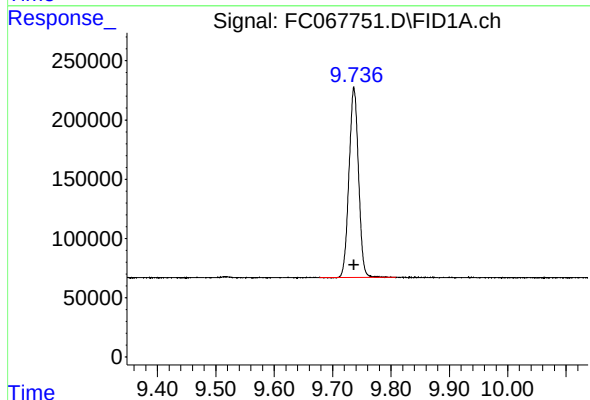
ClientSampleId :

10 PPM ALIHPHATIC HC STD4



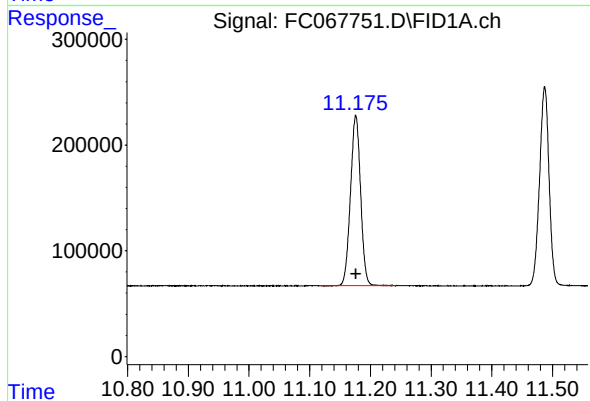
#6 n-Tetradecane (C14)

R.T.: 8.139 min
Delta R.T.: 0.000 min
Response: 1744653
Conc: 10.48 ug/ml



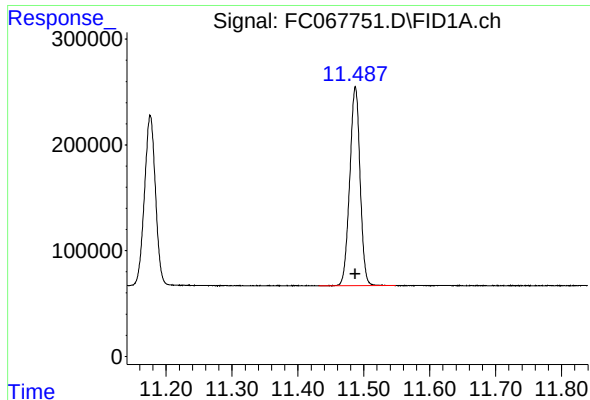
#7 n-Hexadecane (C16)

R.T.: 9.737 min
Delta R.T.: 0.000 min
Response: 1816587
Conc: 10.55 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.176 min
Delta R.T.: 0.000 min
Response: 1866614
Conc: 10.71 ug/ml



#9 ortho-Terphenyl (SURR)

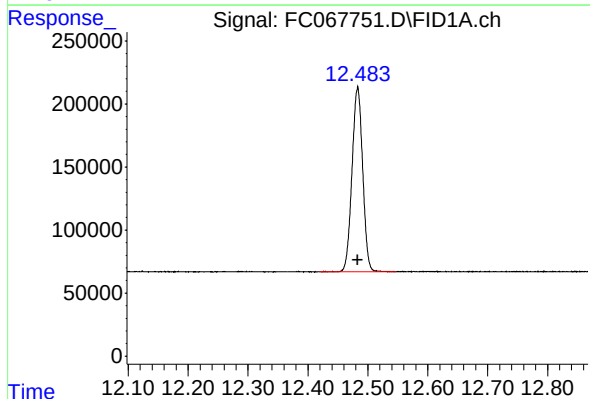
R.T.: 11.487 min
Delta R.T.: 0.000 min
Response: 2050947
Conc: 10.69 ug/ml

Instrument :

FID_C

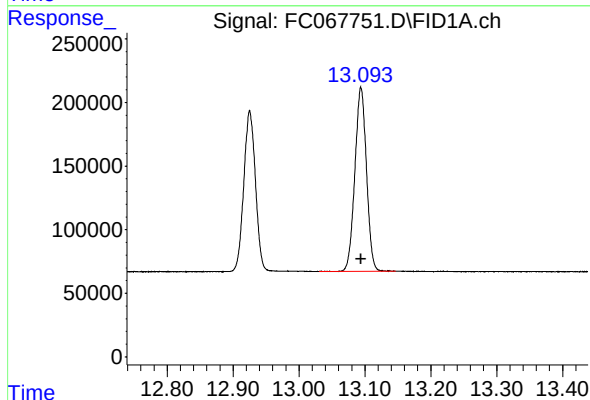
ClientSampleId :

10 PPM ALIHPHATIC HC STD4



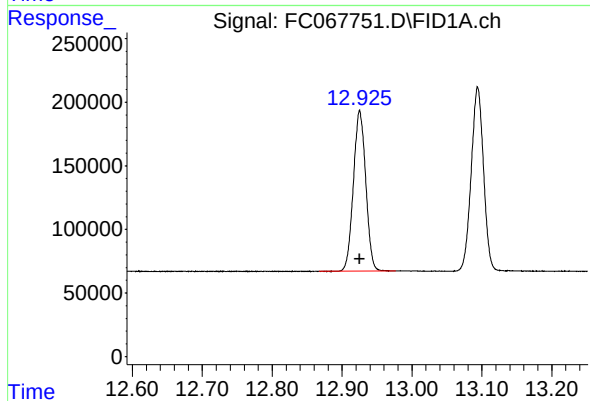
#10 n-Eicosane (C20)

R.T.: 12.483 min
Delta R.T.: 0.000 min
Response: 1808575
Conc: 10.89 ug/ml



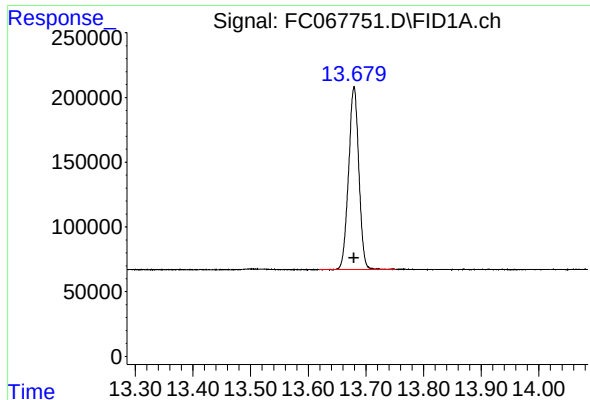
#11 n-Heneicosane (C21)

R.T.: 13.094 min
Delta R.T.: 0.000 min
Response: 1769034
Conc: 10.92 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.925 min
Delta R.T.: 0.000 min
Response: 1552495
Conc: 10.82 ug/ml



#13 n-Docosane (C22)

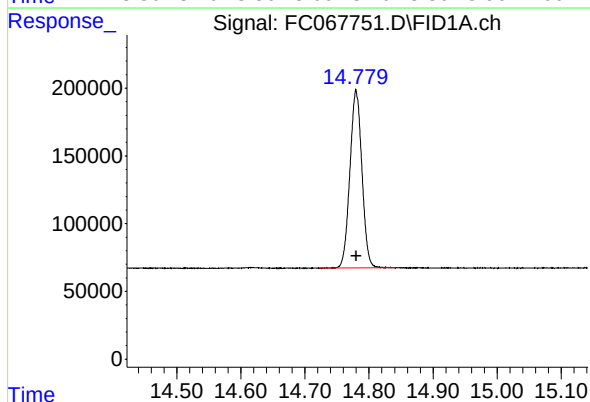
R.T.: 13.679 min
Delta R.T.: 0.000 min
Response: 1749101
Conc: 10.95 ug/ml

Instrument :

FID_C

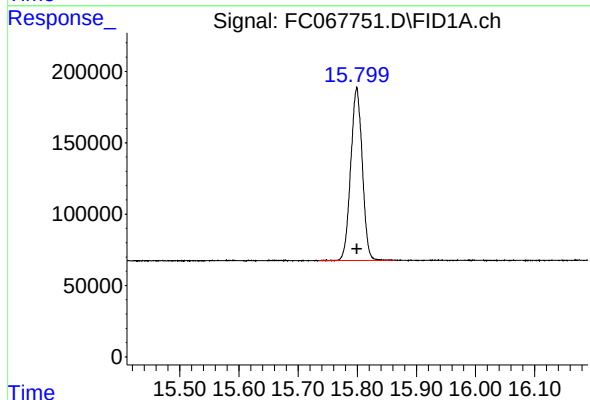
ClientSampleId :

10 PPM ALIPHATIC HC STD4



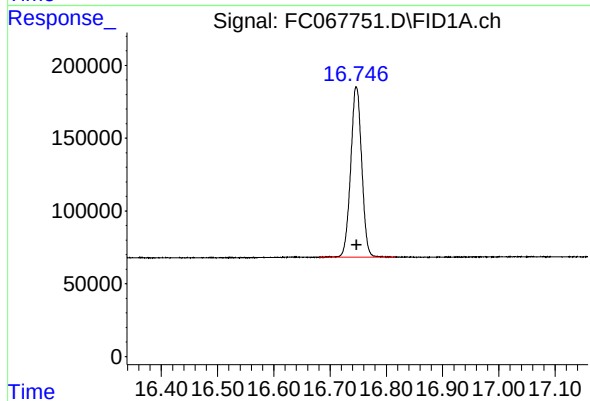
#14 n-Tetracosane (C24)

R.T.: 14.780 min
Delta R.T.: 0.000 min
Response: 1707779
Conc: 10.95 ug/ml



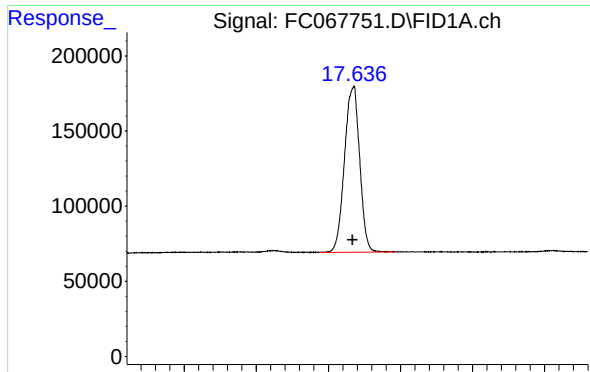
#15 n-Hexacosane (C26)

R.T.: 15.799 min
Delta R.T.: 0.000 min
Response: 1641995
Conc: 10.92 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.747 min
Delta R.T.: 0.000 min
Response: 1593212
Conc: 10.92 ug/ml



#17 n-Tricontane (C30)

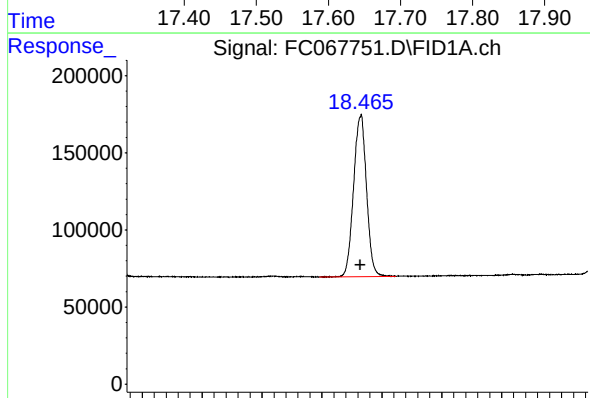
R.T.: 17.634 min
Delta R.T.: 0.000 min
Response: 1615415
Conc: 11.01 ug/ml

Instrument :

FID_C

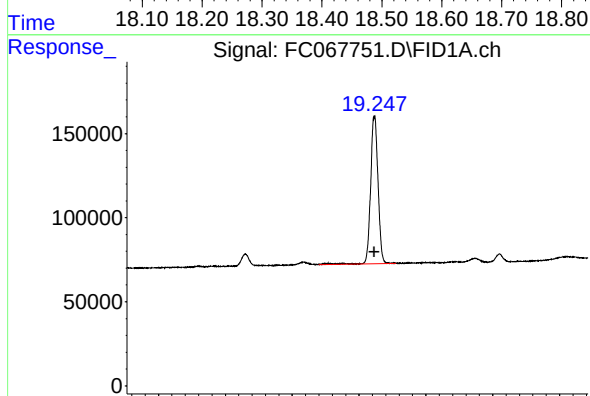
ClientSampleId :

10 PPM ALIPHATIC HC STD4



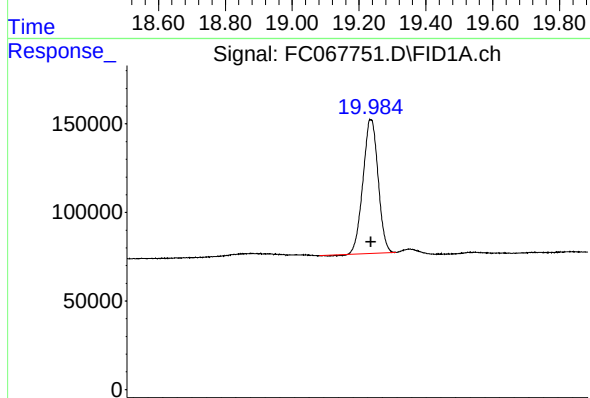
#18 n-Dotriacontane (C32)

R.T.: 18.464 min
Delta R.T.: 0.000 min
Response: 1566436
Conc: 11.13 ug/ml



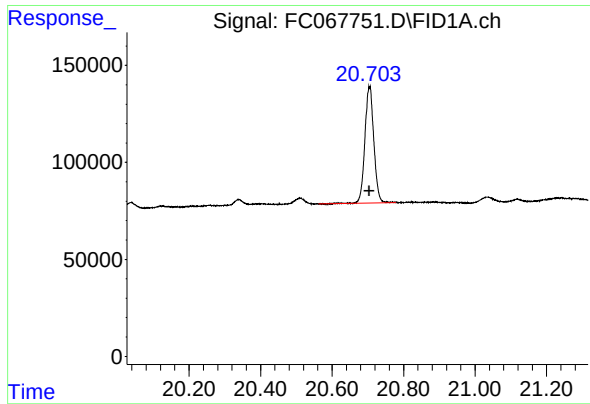
#19 n-Tetratriacontane (C34)

R.T.: 19.246 min
Delta R.T.: 0.000 min
Response: 1350731
Conc: 11.13 ug/ml



#20 n-Hexatriacontane (C36)

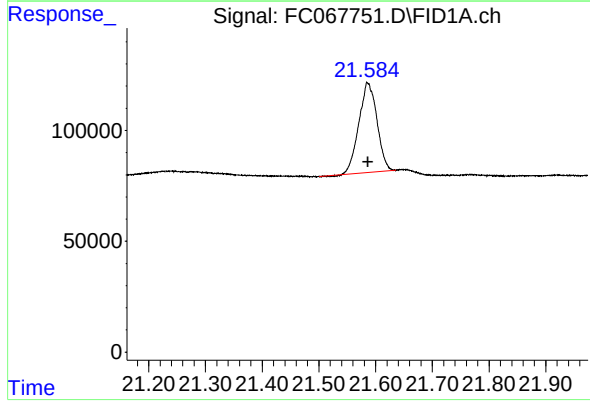
R.T.: 19.985 min
Delta R.T.: 0.000 min
Response: 1081784
Conc: 10.65 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.705 min
Delta R.T.: 0.000 min
Response: 1043301
Conc: 10.91 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.587 min
Delta R.T.: 0.000 min
Response: 898236
Conc: 9.62 ug/ml