

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC081224AL\
 Data File : FC066998.D
 Signal(s) : FID1A.ch
 Acq On : 12 Aug 2024 15:21
 Operator : YP/AJ
 Sample : 5 PPM ALIPHATIC HC STD5
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 5 PPM ALIPHATIC HC STD5

Integration File: autoint1.e
 Quant Time: Aug 12 15:56:39 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 081224.M
 Quant Title : GC Extractables
 QLast Update : Mon Aug 12 15:56:31 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)	11.508	820957	5.393 ug/ml
Spiked Amount 50.000		Recovery =	10.79%
12) S 1-chlorooctadecane (S...	12.948	558003	5.150 ug/ml
Spiked Amount 50.000		Recovery =	10.30%
Target Compounds			
1) T n-Nonane (C9)	3.281	797932	5.429 ug/ml
2) T n-Decane (C10)	4.346	809110	5.400 ug/ml
3) T A~Naphthalene (C11.7)	5.925	845837	5.317 ug/ml
4) T n-Dodecane (C12)	6.362	810592	5.402 ug/ml
5) T A~2-methylnaphthalene...	6.980	789656	5.251 ug/ml
6) T n-Tetradecane (C14)	8.156	777043	5.359 ug/ml
7) T n-Hexadecane (C16)	9.756	779811	5.321 ug/ml
8) T n-Octadecane (C18)	11.196	776627	5.329 ug/ml
10) T n-Eicosane (C20)	12.505	730023	5.331 ug/ml
11) T n-Heneicosane (C21)	13.116	710090	5.329 ug/ml
13) T n-Docosane (C22)	13.703	705646	5.355 ug/ml
14) T n-Tetracosane (C24)	14.805	690717	5.329 ug/ml
15) T n-Hexacosane (C26)	15.824	681314	5.371 ug/ml
16) T n-Octacosane (C28)	16.773	666631	5.367 ug/ml
17) T n-Tricontane (C30)	17.660	676285	5.381 ug/ml
18) T n-Dotriacontane (C32)	18.491	671229	5.434 ug/ml
19) T n-Tetratriacontane (C34)	19.275	653814	5.452 ug/ml
20) T n-Hexatriacontane (C36)	20.015	606141	5.368 ug/ml
21) T n-Octatriacontane (C38)	20.741	589621	5.412 ug/ml
22) T n-Tetracontane (C40)	21.633	559254	5.475 ug/ml

(f)=RT Delta > 1/2 Window

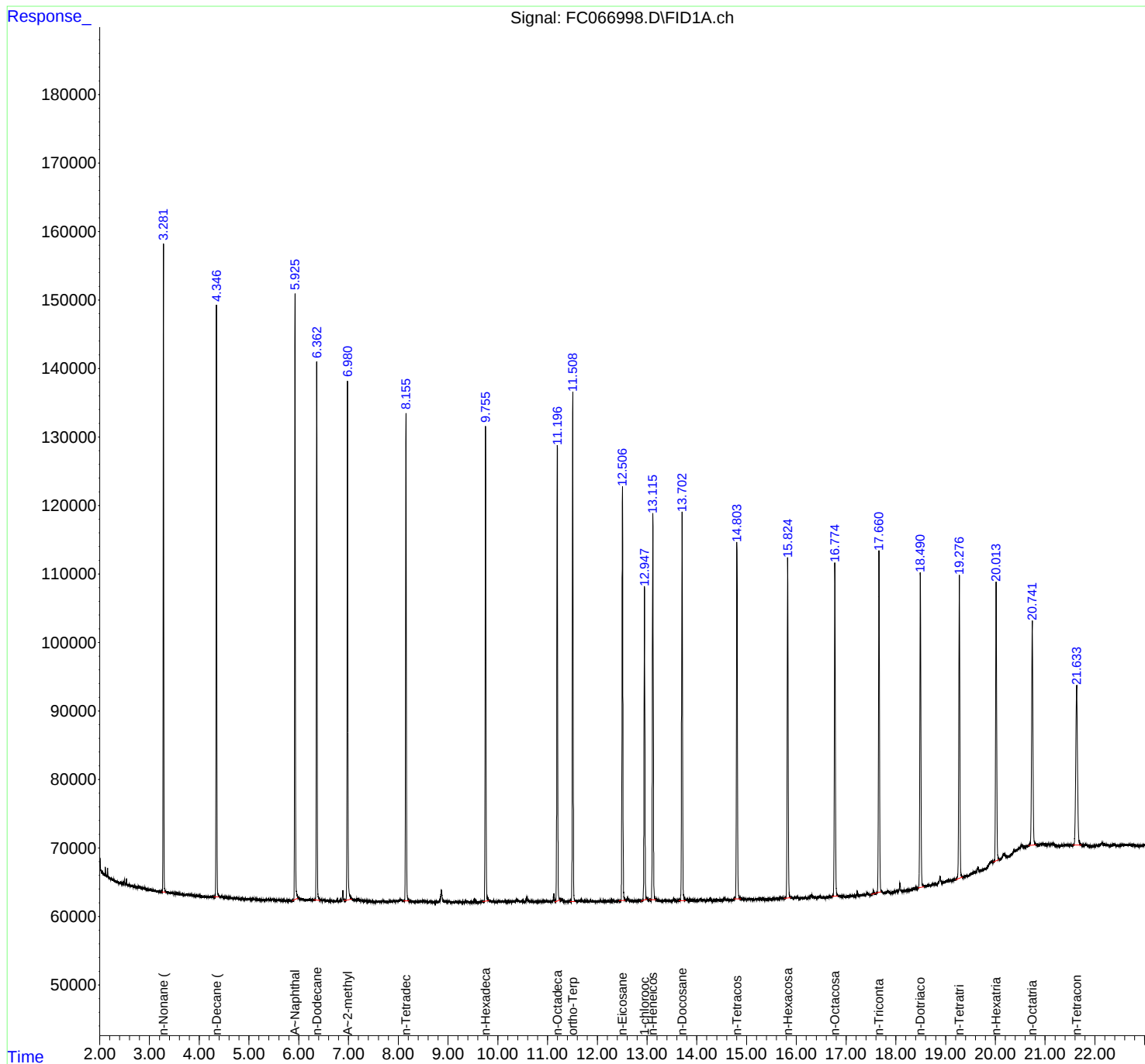
(m)=manual int.

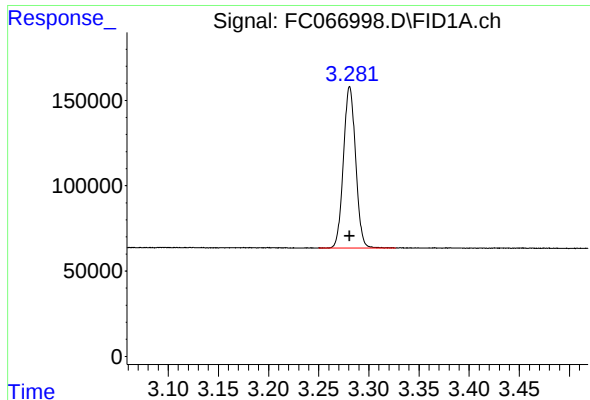
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC081224AL\
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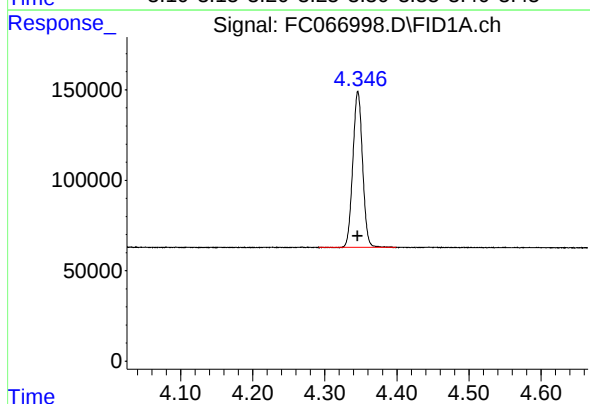




#1 n-Nonane (C9)

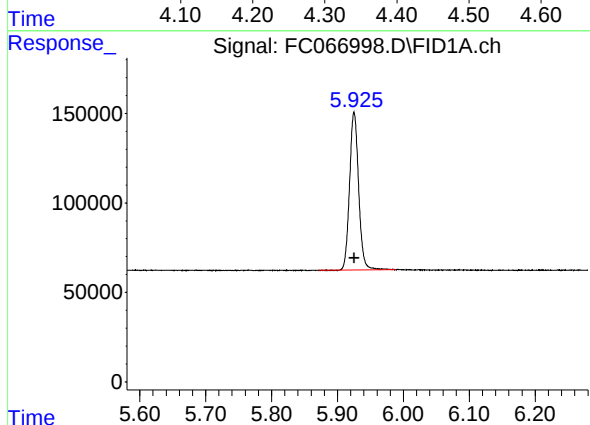
R.T.: 3.281 min
Delta R.T.: 0.000 min
Response: 797932
Conc: 5.43 ug/ml

Instrument :
FID_C
ClientSampleId :
5 PPM ALIPHATIC HC STD5



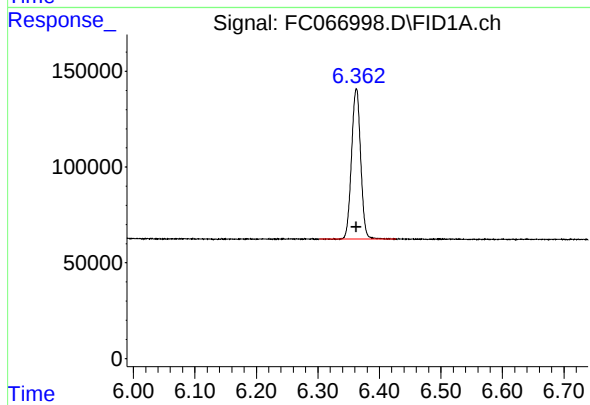
#2 n-Decane (C10)

R.T.: 4.346 min
Delta R.T.: 0.000 min
Response: 809110
Conc: 5.40 ug/ml



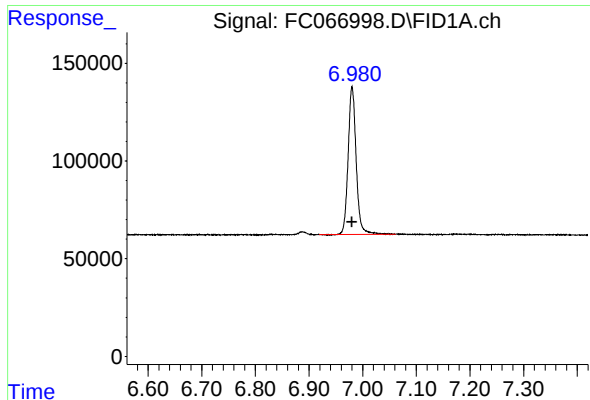
#3 A~Naphthalene (C11.7)

R.T.: 5.925 min
Delta R.T.: 0.000 min
Response: 845837
Conc: 5.32 ug/ml



#4 n-Dodecane (C12)

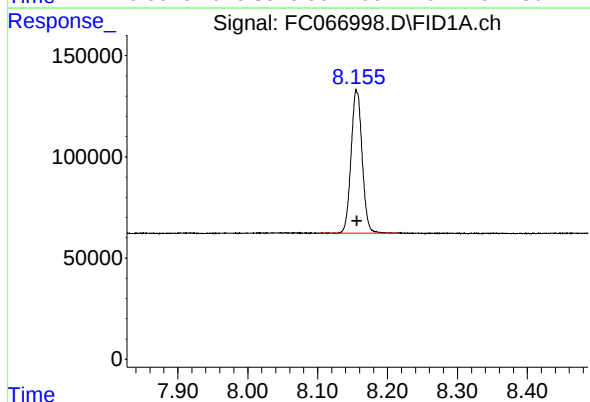
R.T.: 6.362 min
Delta R.T.: 0.000 min
Response: 810592
Conc: 5.40 ug/ml



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

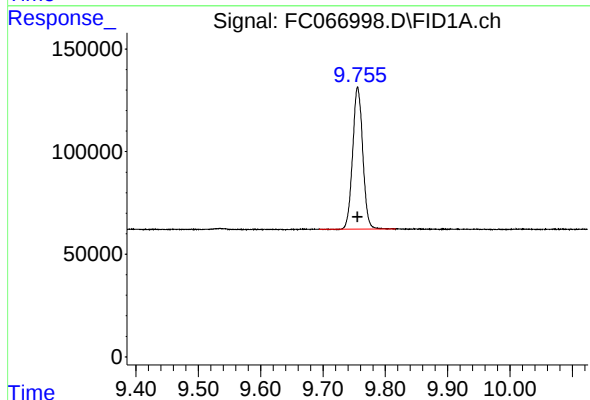
R.T.: 6.980 min
Delta R.T.: 0.000 min
Response: 789656
Conc: 5.25 ug/ml

Instrument :
FID_C
ClientSampleId :
5 PPM ALIPHATIC HC STD5



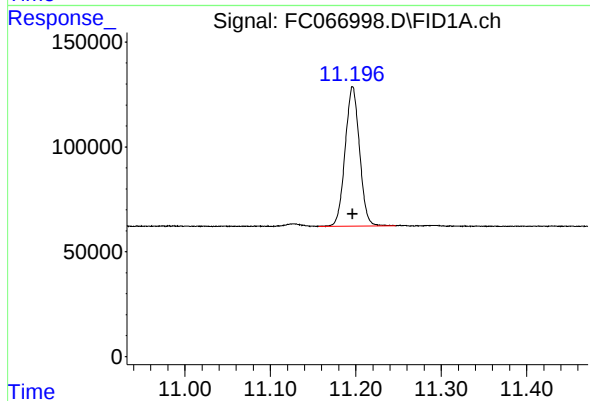
#6 n-Tetradecane (C14)

R.T.: 8.156 min
Delta R.T.: 0.000 min
Response: 777043
Conc: 5.36 ug/ml



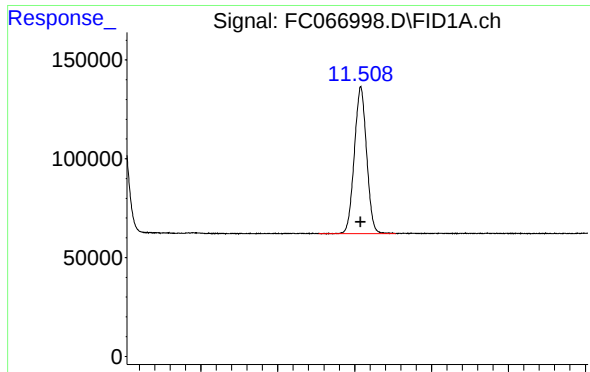
#7 n-Hexadecane (C16)

R.T.: 9.756 min
Delta R.T.: 0.000 min
Response: 779811
Conc: 5.32 ug/ml



#8 n-Octadecane (C18)

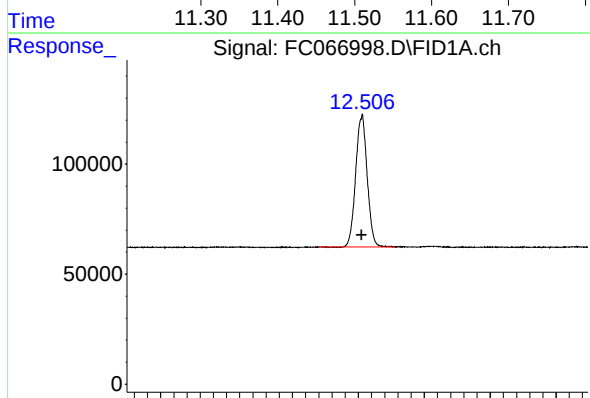
R.T.: 11.196 min
Delta R.T.: 0.000 min
Response: 776627
Conc: 5.33 ug/ml



#9 ortho-Terphenyl (SURR)

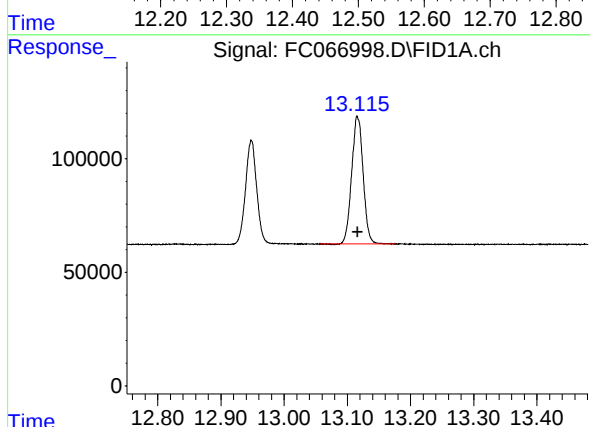
R.T.: 11.508 min
Delta R.T.: 0.000 min
Response: 820957
Conc: 5.39 ug/ml

Instrument :
FID_C
ClientSampleId :
5 PPM ALIPHATIC HC STD5



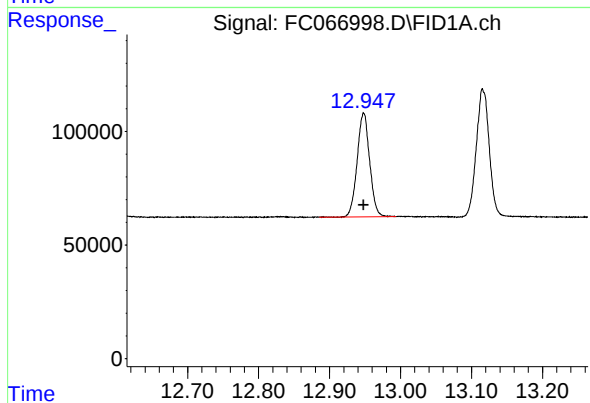
#10 n-Eicosane (C20)

R.T.: 12.505 min
Delta R.T.: 0.000 min
Response: 730023
Conc: 5.33 ug/ml



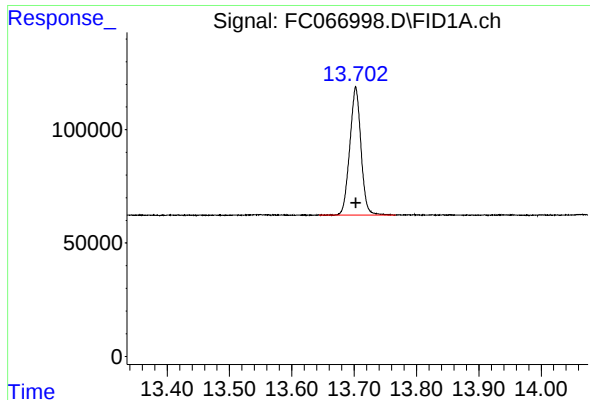
#11 n-Heneicosane (C21)

R.T.: 13.116 min
Delta R.T.: 0.000 min
Response: 710090
Conc: 5.33 ug/ml



#12 1-chlorooctadecane (SURR)

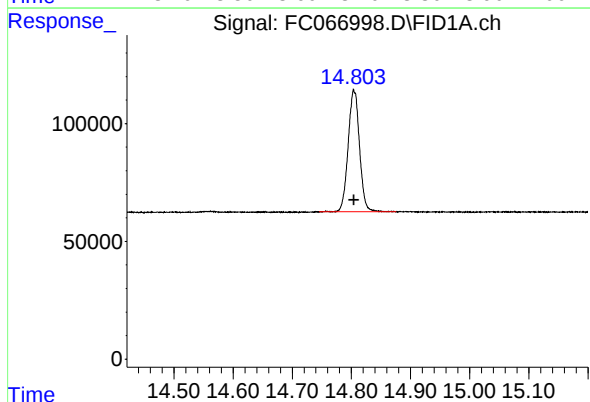
R.T.: 12.948 min
Delta R.T.: 0.000 min
Response: 558003
Conc: 5.15 ug/ml



#13 n-Docosane (C22)

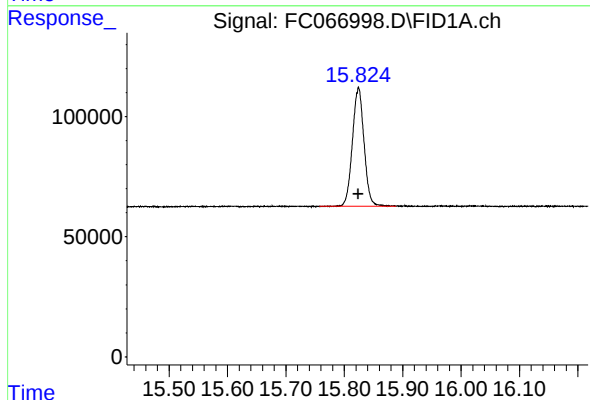
R.T.: 13.703 min
Delta R.T.: 0.000 min
Response: 705646
Conc: 5.36 ug/ml

Instrument :
FID_C
ClientSampleId :
5 PPM ALIPHATIC HC STD5



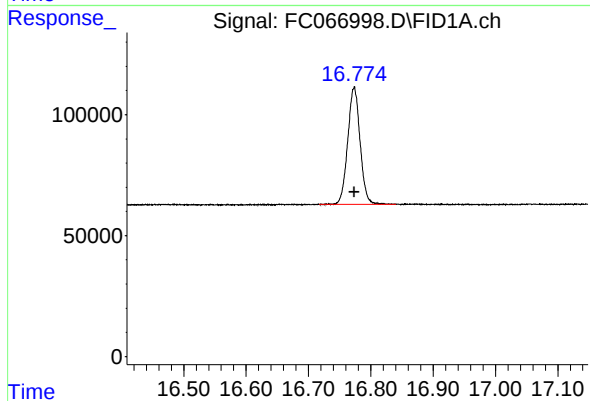
#14 n-Tetracosane (C24)

R.T.: 14.805 min
Delta R.T.: 0.000 min
Response: 690717
Conc: 5.33 ug/ml



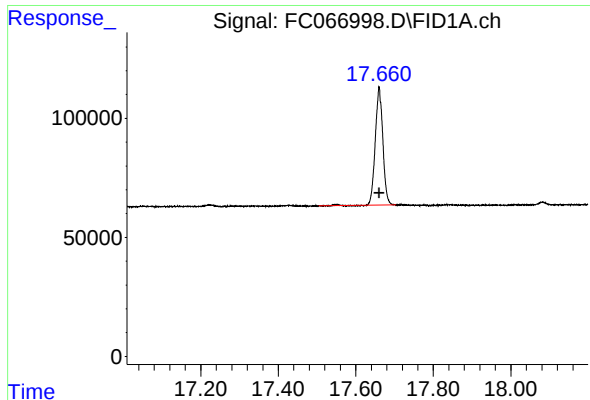
#15 n-Hexacosane (C26)

R.T.: 15.824 min
Delta R.T.: 0.000 min
Response: 681314
Conc: 5.37 ug/ml



#16 n-Octacosane (C28)

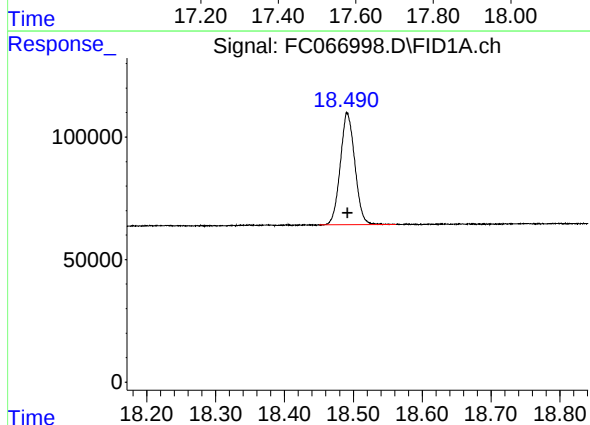
R.T.: 16.773 min
Delta R.T.: 0.000 min
Response: 666631
Conc: 5.37 ug/ml



#17 n-Tricontane (C30)

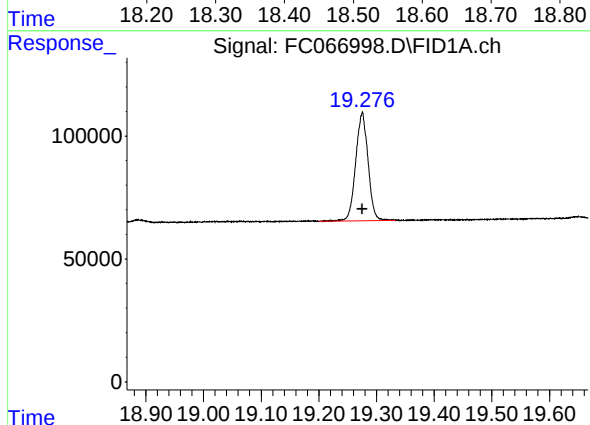
R.T.: 17.660 min
Delta R.T.: 0.000 min
Response: 676285
Conc: 5.38 ug/ml

Instrument :
FID_C
ClientSampleId :
5 PPM ALIPHATIC HC STD5



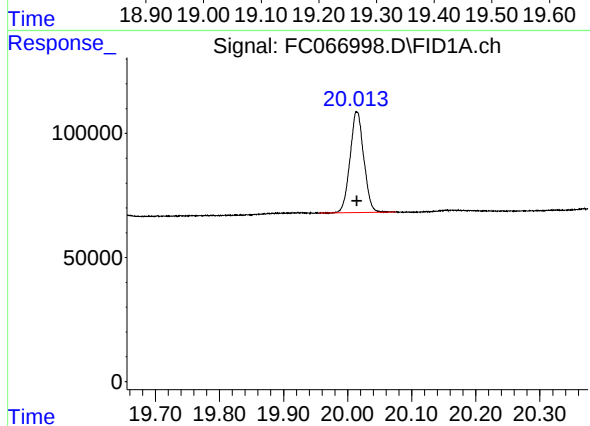
#18 n-Dotriacontane (C32)

R.T.: 18.491 min
Delta R.T.: 0.000 min
Response: 671229
Conc: 5.43 ug/ml



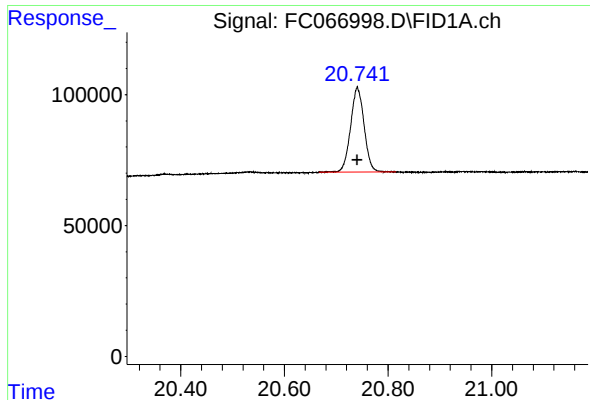
#19 n-Tetratriacontane (C34)

R.T.: 19.275 min
Delta R.T.: 0.000 min
Response: 653814
Conc: 5.45 ug/ml



#20 n-Hexatriacontane (C36)

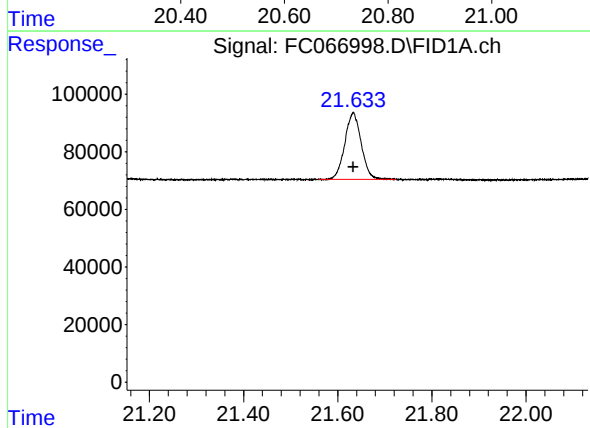
R.T.: 20.015 min
Delta R.T.: 0.000 min
Response: 606141
Conc: 5.37 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.741 min
Delta R.T.: 0.000 min
Response: 589621
Conc: 5.41 ug/ml

Instrument :
FID_C
ClientSampleId :
5 PPM ALIPHATIC HC STD5



#22 n-Tetracontane (C40)

R.T.: 21.633 min
Delta R.T.: 0.000 min
Response: 559254
Conc: 5.47 ug/ml