

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC073124AL\
 Data File : FC066877.D
 Signal(s) : FID1A.ch
 Acq On : 01 Aug 2024 02:21
 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 01 04:25:50 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)	11.517	2890486	18.775 ug/ml
Spiked Amount 50.000		Recovery =	37.55%
12) S 1-chlorooctadecane (S...	12.957	2139857	19.137 ug/ml
Spiked Amount 50.000		Recovery =	38.27%
Target Compounds			
1) T n-Nonane (C9)	3.283	2755217	19.417 ug/ml
2) T n-Decane (C10)	4.349	2827606	19.128 ug/ml
3) T A~Naphthalene (C11.7)	5.931	3014141	18.874 ug/ml
4) T n-Dodecane (C12)	6.368	2814276	18.772 ug/ml
5) T A~2-methylnaphthalene...	6.988	2873272	18.743 ug/ml
6) T n-Tetradecane (C14)	8.163	2723765	18.616 ug/ml
7) T n-Hexadecane (C16)	9.764	2763662	18.465 ug/ml
8) T n-Octadecane (C18)	11.205	2744949	18.497 ug/ml
10) T n-Eicosane (C20)	12.513	2593866	18.609 ug/ml
11) T n-Heneicosane (C21)	13.125	2529072	18.568 ug/ml
13) T n-Docosane (C22)	13.711	2514856	18.723 ug/ml
14) T n-Tetracosane (C24)	14.813	2484235	18.677 ug/ml
15) T n-Hexacosane (C26)	15.834	2425247	18.639 ug/ml
16) T n-Octacosane (C28)	16.783	2391168	18.954 ug/ml
17) T n-Tricontane (C30)	17.670	2444548	19.010 ug/ml
18) T n-Dotriacontane (C32)	18.503	2405752	19.109 ug/ml
19) T n-Tetratriacontane (C34)	19.286	2308876	18.663 ug/ml
20) T n-Hexatriacontane (C36)	20.025	2165751	18.618 ug/ml
21) T n-Octatriacontane (C38)	20.755	2117191	19.055 ug/ml
22) T n-Tetracontane (C40)	21.650	2054876	18.902 ug/ml

(f)=RT Delta > 1/2 Window

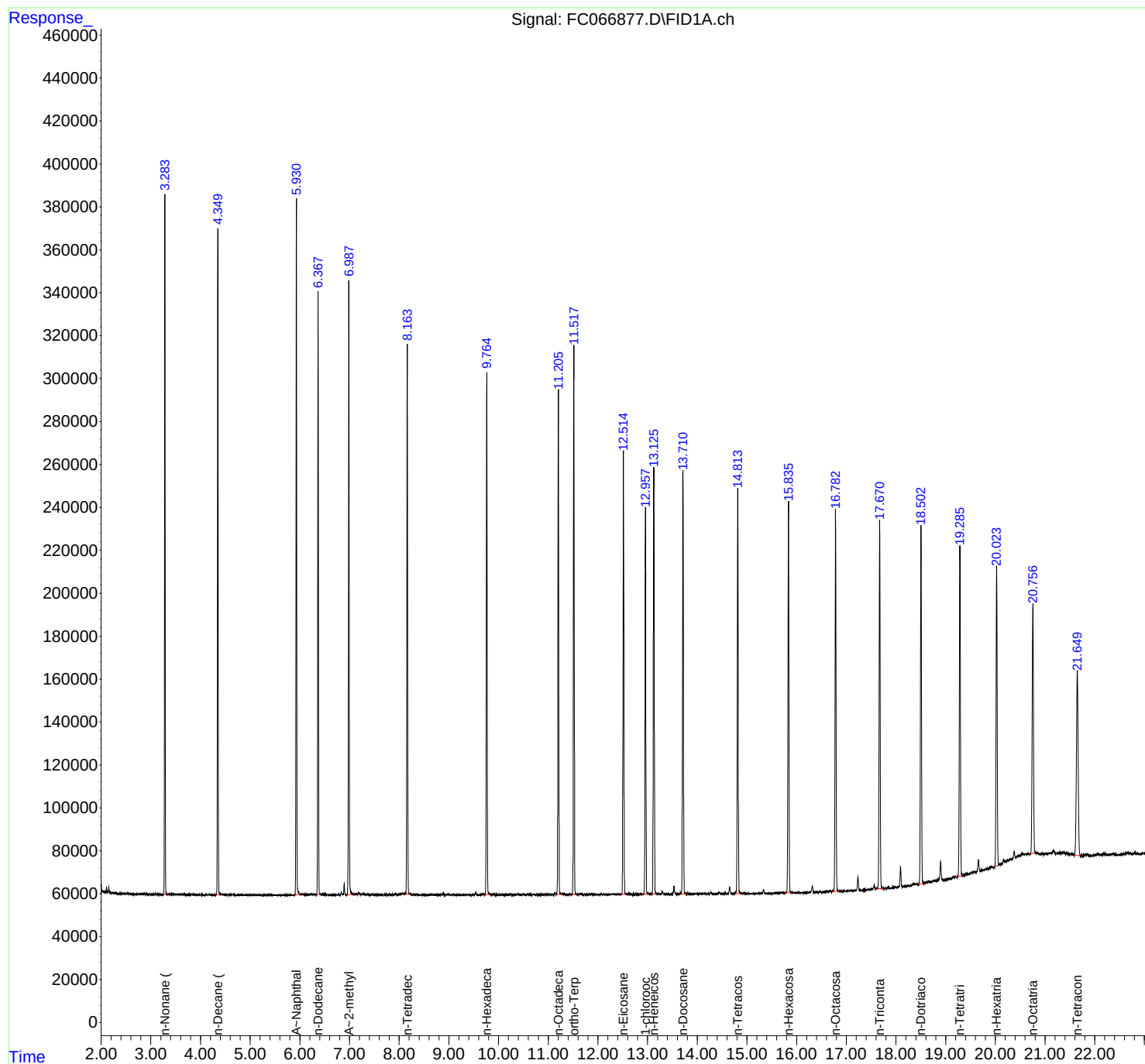
(m)=manual int.

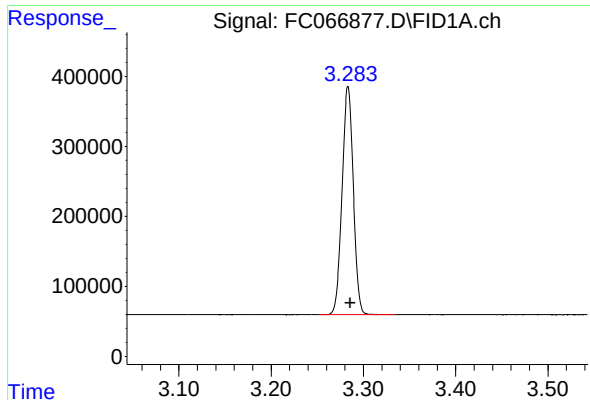
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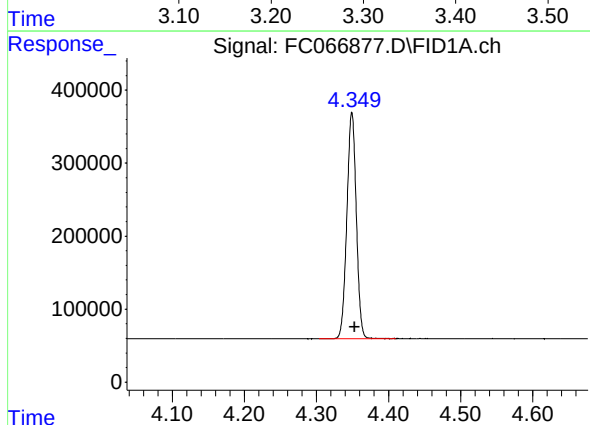




#1 n-Nonane (C9)

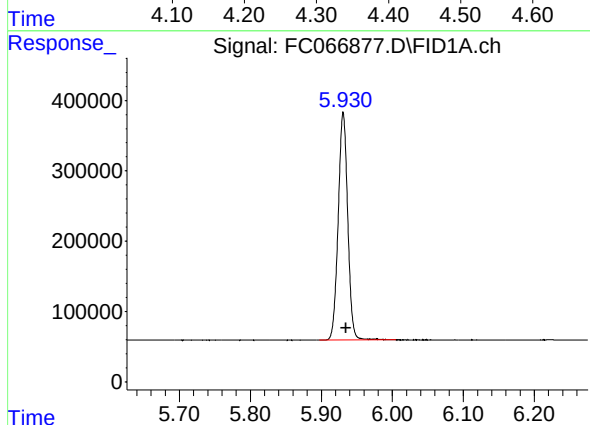
R.T.: 3.283 min
Delta R.T.: -0.003 min
Response: 2755217
Conc: 19.42 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



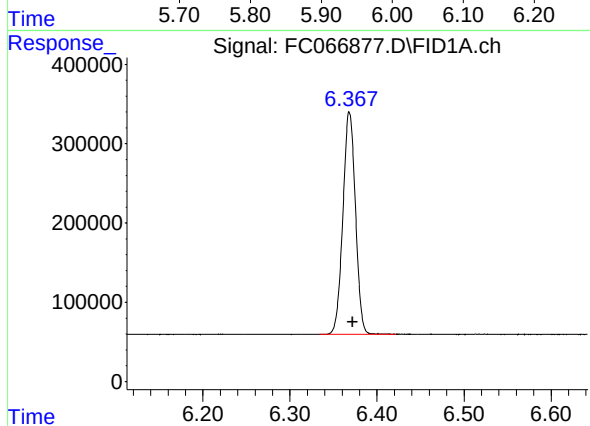
#2 n-Decane (C10)

R.T.: 4.349 min
Delta R.T.: -0.004 min
Response: 2827606
Conc: 19.13 ug/ml



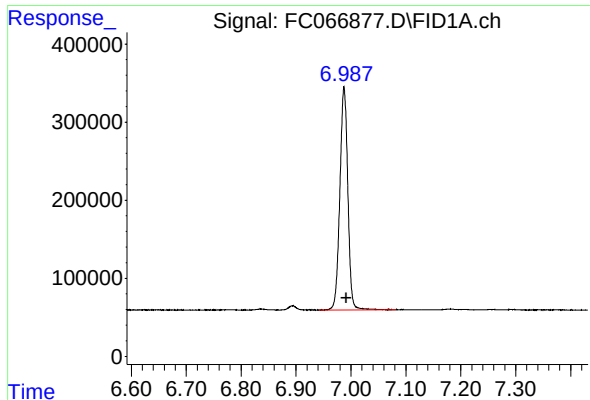
#3 A~Naphthalene (C11.7)

R.T.: 5.931 min
Delta R.T.: -0.004 min
Response: 3014141
Conc: 18.87 ug/ml



#4 n-Dodecane (C12)

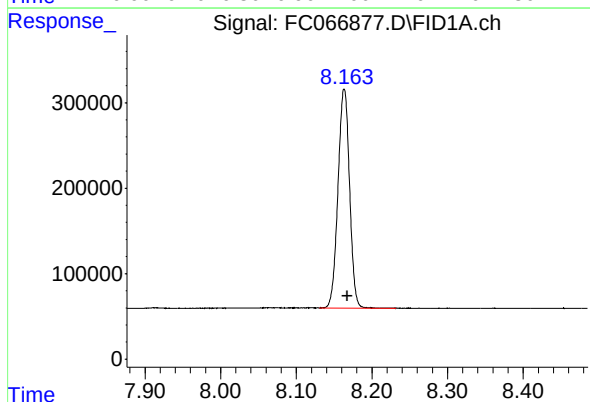
R.T.: 6.368 min
Delta R.T.: -0.003 min
Response: 2814276
Conc: 18.77 ug/ml



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

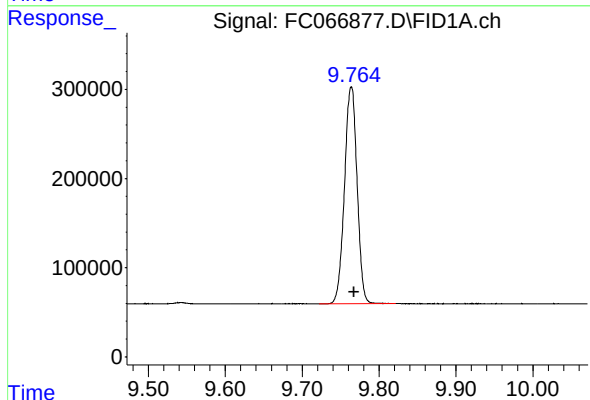
R.T.: 6.988 min
Delta R.T.: -0.004 min
Response: 2873272
Conc: 18.74 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



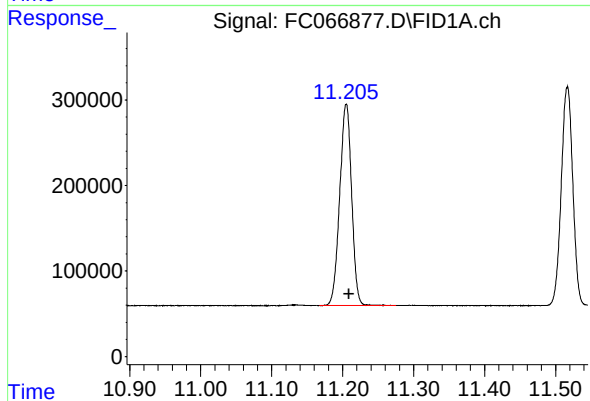
#6 n-Tetradecane (C14)

R.T.: 8.163 min
Delta R.T.: -0.004 min
Response: 2723765
Conc: 18.62 ug/ml



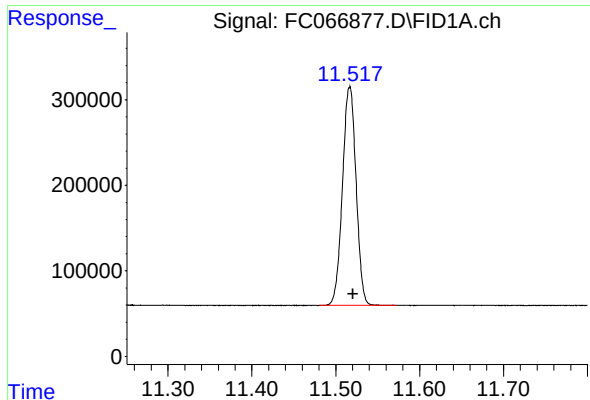
#7 n-Hexadecane (C16)

R.T.: 9.764 min
Delta R.T.: -0.004 min
Response: 2763662
Conc: 18.47 ug/ml



#8 n-Octadecane (C18)

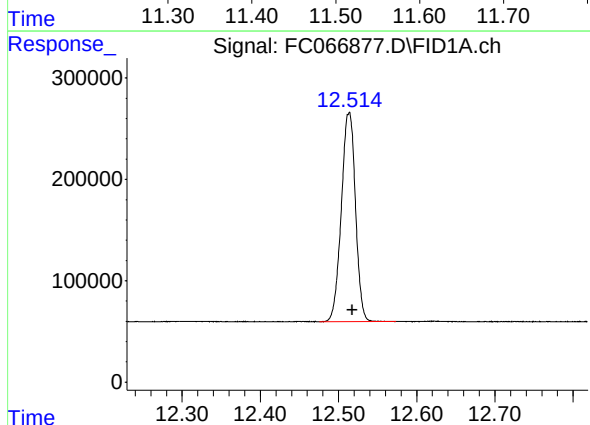
R.T.: 11.205 min
Delta R.T.: -0.004 min
Response: 2744949
Conc: 18.50 ug/ml



#9 ortho-Terphenyl (SURR)

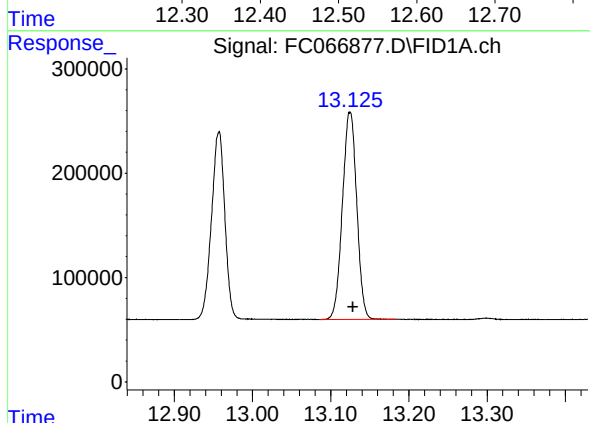
R.T.: 11.517 min
Delta R.T.: -0.004 min
Response: 2890486
Conc: 18.78 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



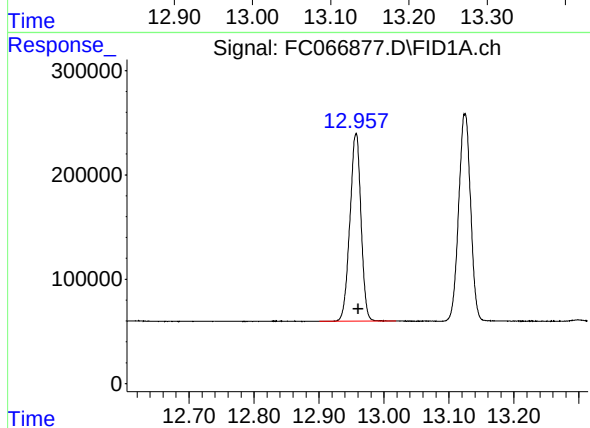
#10 n-Eicosane (C20)

R.T.: 12.513 min
Delta R.T.: -0.004 min
Response: 2593866
Conc: 18.61 ug/ml



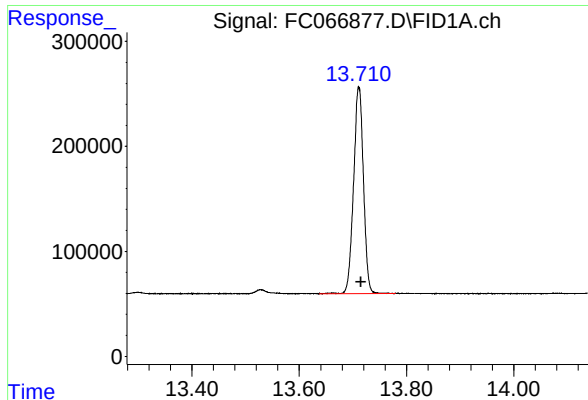
#11 n-Heneicosane (C21)

R.T.: 13.125 min
Delta R.T.: -0.004 min
Response: 2529072
Conc: 18.57 ug/ml



#12 1-chlorooctadecane (SURR)

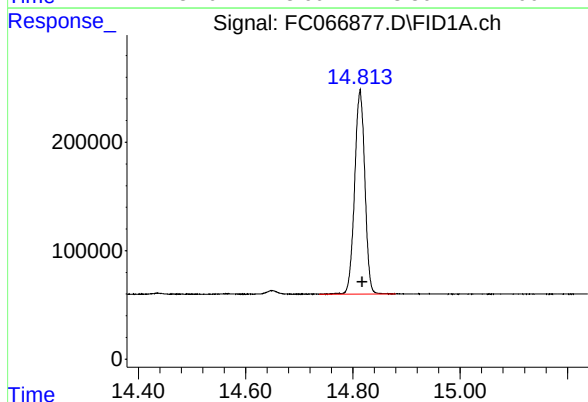
R.T.: 12.957 min
Delta R.T.: -0.004 min
Response: 2139857
Conc: 19.14 ug/ml



#13 n-Docosane (C22)

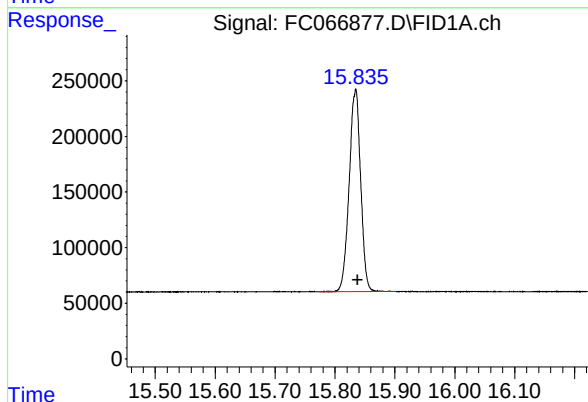
R.T.: 13.711 min
Delta R.T.: -0.004 min
Response: 2514856
Conc: 18.72 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



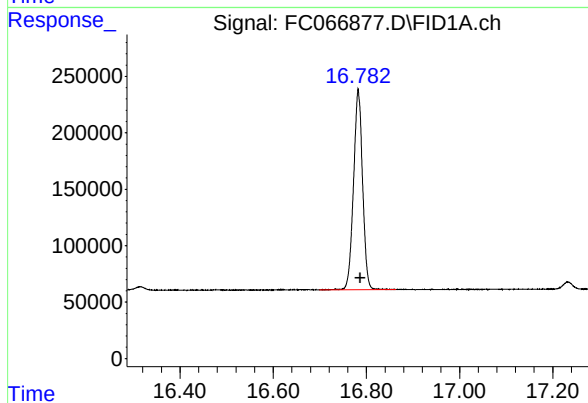
#14 n-Tetracosane (C24)

R.T.: 14.813 min
Delta R.T.: -0.004 min
Response: 2484235
Conc: 18.68 ug/ml



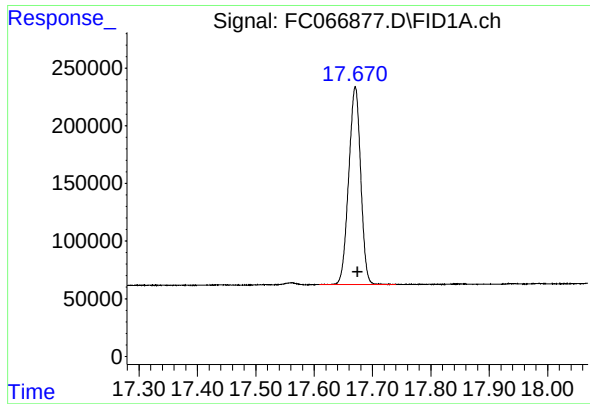
#15 n-Hexacosane (C26)

R.T.: 15.834 min
Delta R.T.: -0.004 min
Response: 2425247
Conc: 18.64 ug/ml



#16 n-Octacosane (C28)

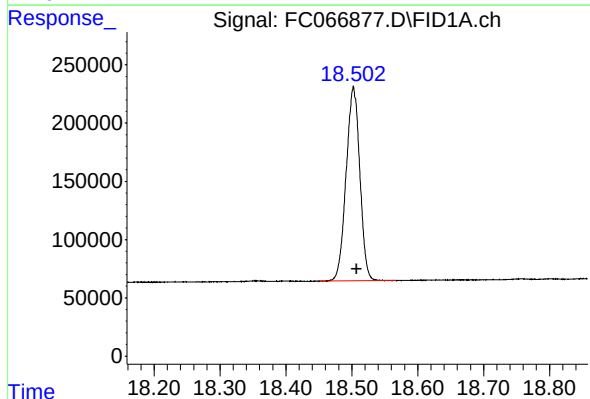
R.T.: 16.783 min
Delta R.T.: -0.005 min
Response: 2391168
Conc: 18.95 ug/ml



#17 n-Tricontane (C30)

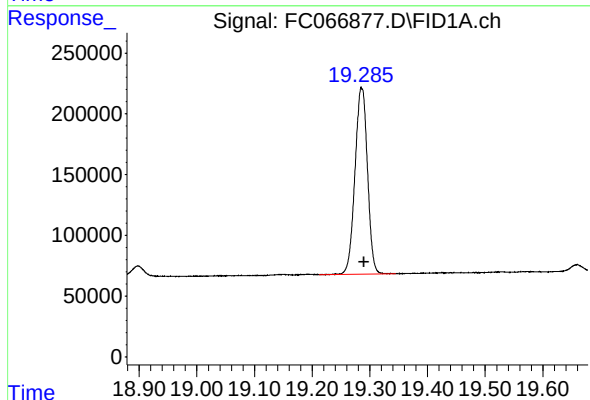
R.T.: 17.670 min
Delta R.T.: -0.004 min
Response: 2444548
Conc: 19.01 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



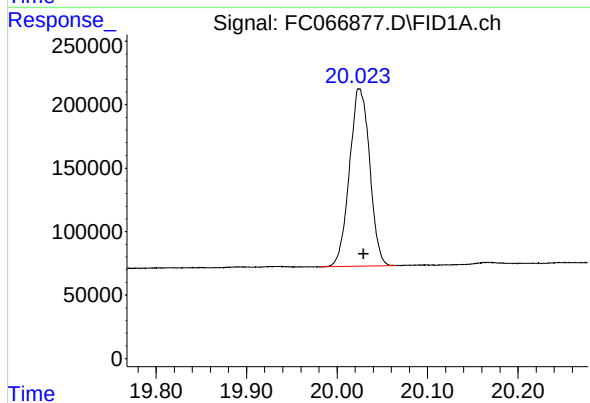
#18 n-Dotriacontane (C32)

R.T.: 18.503 min
Delta R.T.: -0.005 min
Response: 2405752
Conc: 19.11 ug/ml



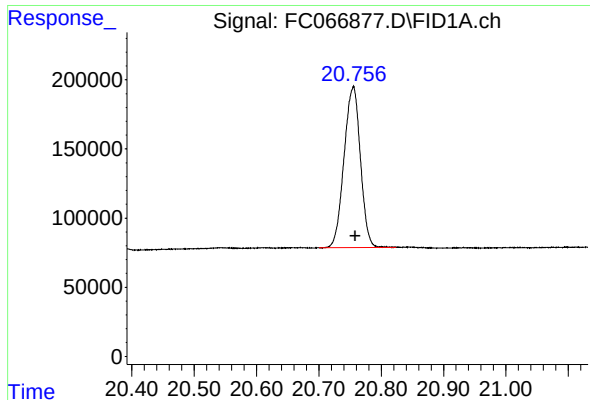
#19 n-Tetatriacontane (C34)

R.T.: 19.286 min
Delta R.T.: -0.004 min
Response: 2308876
Conc: 18.66 ug/ml



#20 n-Hexatriacontane (C36)

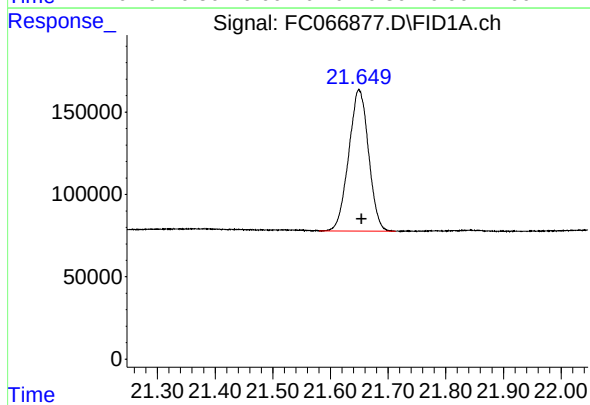
R.T.: 20.025 min
Delta R.T.: -0.004 min
Response: 2165751
Conc: 18.62 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.755 min
Delta R.T.: -0.003 min
Response: 2117191
Conc: 19.06 ug/ml

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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.650 min
Delta R.T.: -0.005 min
Response: 2054876
Conc: 18.90 ug/ml