

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC021324AL\
 Data File : FC065745.D
 Signal(s) : FID1A.ch
 Acq On : 13 Feb 2024 20:59
 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: Feb 14 00:39:22 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 020824.M
 Quant Title : GC Extractables
 QLast Update : Thu Feb 08 13:26:08 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)	11.501	3335943	19.448 ug/ml
Spiked Amount 50.000		Recovery =	38.90%
12) S 1-chlorooctadecane (S...	12.932	2478389	19.693 ug/ml
Spiked Amount 50.000		Recovery =	39.39%
Target Compounds			
1) T n-Nonane (C9)	3.292	2970968	19.775 ug/ml
2) T n-Decane (C10)	4.355	3023219	19.884 ug/ml
3) T A~Naphthalene (C11.7)	5.942	3042865	19.732 ug/ml
4) T n-Dodecane (C12)	6.368	3029746	19.796 ug/ml
5) T A~2-methylnaphthalene...	6.997	2895186	20.332 ug/ml
6) T n-Tetradecane (C14)	8.158	2943167	19.824 ug/ml
7) T n-Hexadecane (C16)	9.751	2981480	19.881 ug/ml
8) T n-Octadecane (C18)	11.187	3023884	19.603 ug/ml
10) T n-Eicosane (C20)	12.489	2940969	19.557 ug/ml
11) T n-Heneicosane (C21)	13.098	2913000	19.478 ug/ml
13) T n-Docosane (C22)	13.682	2911482	19.629 ug/ml
14) T n-Tetracosane (C24)	14.779	2937011	19.753 ug/ml
15) T n-Hexacosane (C26)	15.795	2937945	19.826 ug/ml
16) T n-Octacosane (C28)	16.739	2960078	20.174 ug/ml
17) T n-Tricontane (C30)	17.622	3091283	20.593 ug/ml
18) T n-Dotriacontane (C32)	18.451	3091991	20.908 ug/ml
19) T n-Tetratriacontane (C34)	19.231	2991243	20.638 ug/ml
20) T n-Hexatriacontane (C36)	19.967	2848302	20.066 ug/ml
21) T n-Octatriacontane (C38)	20.686	2818376	19.911 ug/ml
22) T n-Tetracontane (C40)	21.561	2754433	19.747 ug/ml

(f)=RT Delta > 1/2 Window

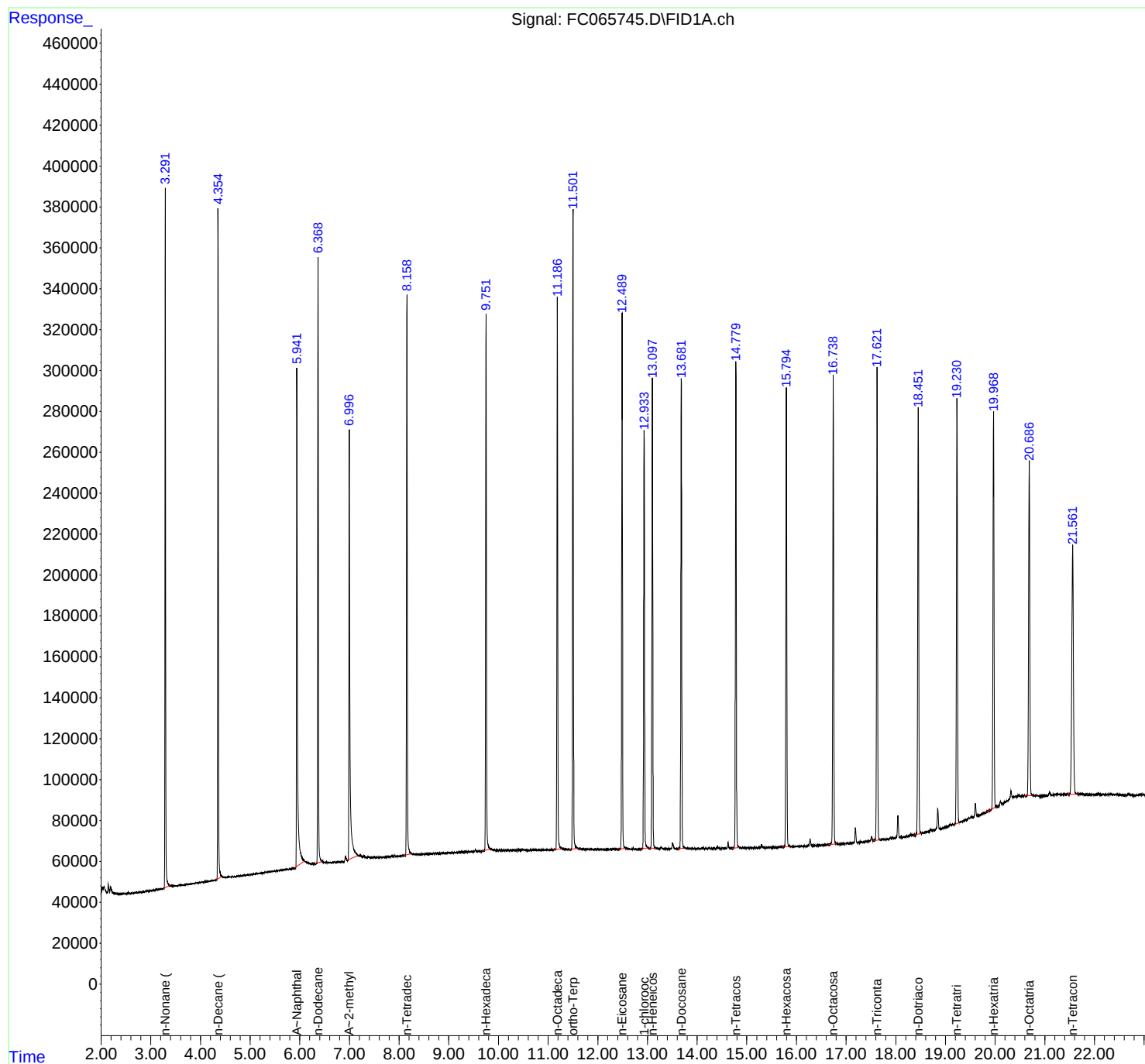
(m)=manual int.

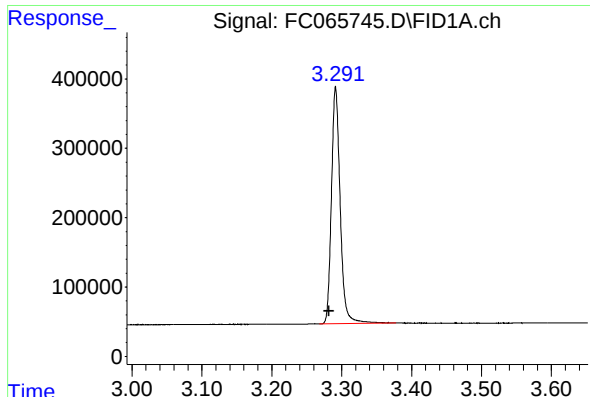
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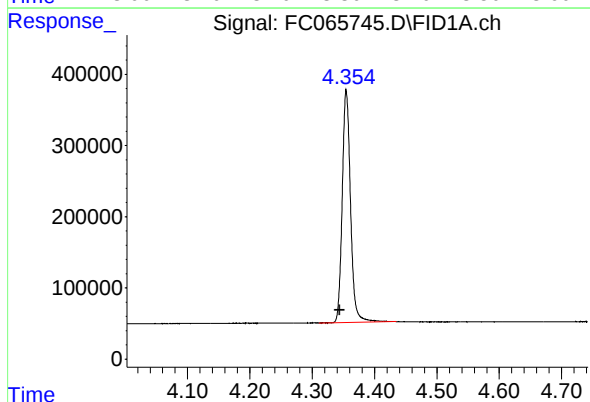




#1 n-Nonane (C9)

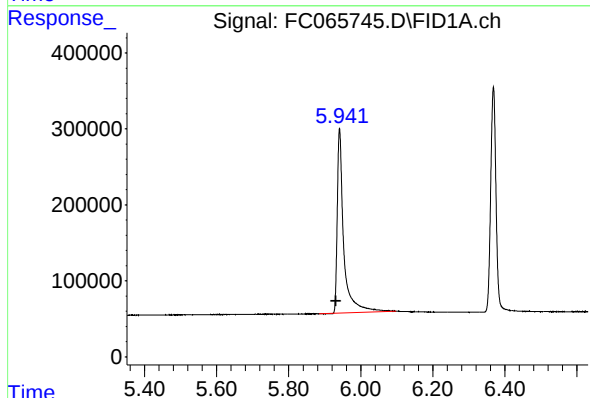
R.T.: 3.292 min
Delta R.T.: 0.010 min
Response: 2970968
Conc: 19.78 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



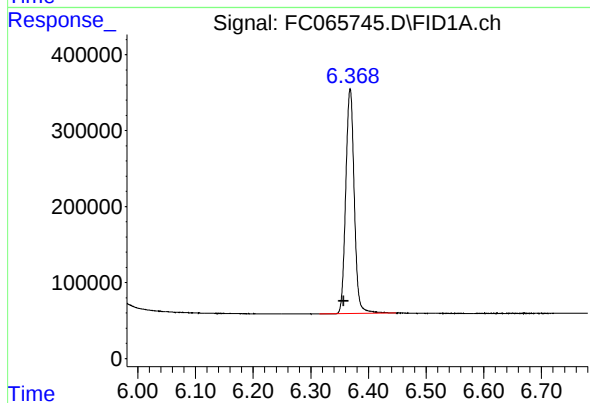
#2 n-Decane (C10)

R.T.: 4.355 min
Delta R.T.: 0.011 min
Response: 3023219
Conc: 19.88 ug/ml



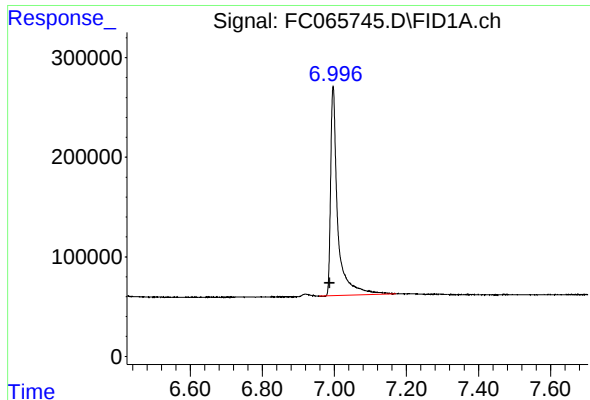
#3 A~Naphthalene (C11.7)

R.T.: 5.942 min
Delta R.T.: 0.010 min
Response: 3042865
Conc: 19.73 ug/ml



#4 n-Dodecane (C12)

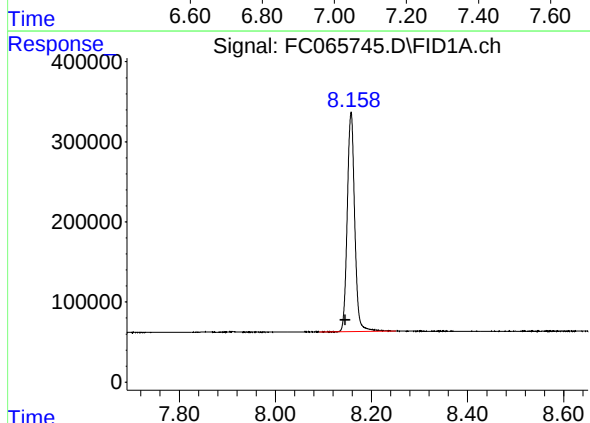
R.T.: 6.368 min
Delta R.T.: 0.011 min
Response: 3029746
Conc: 19.80 ug/ml



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

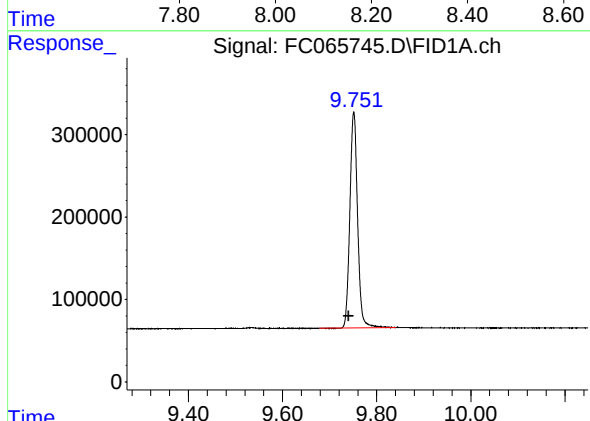
R.T.: 6.997 min
Delta R.T.: 0.010 min
Response: 2895186
Conc: 20.33 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



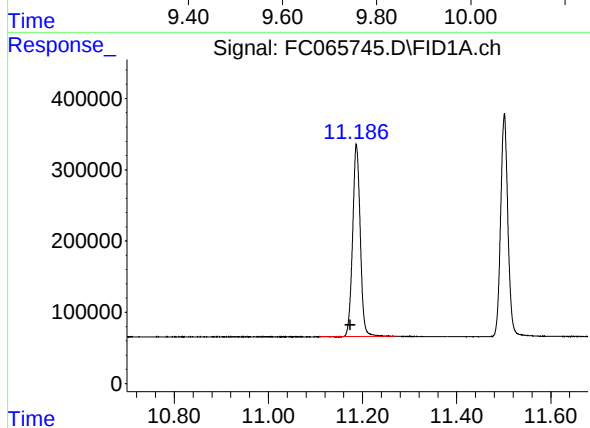
#6 n-Tetradecane (C14)

R.T.: 8.158 min
Delta R.T.: 0.012 min
Response: 2943167
Conc: 19.82 ug/ml



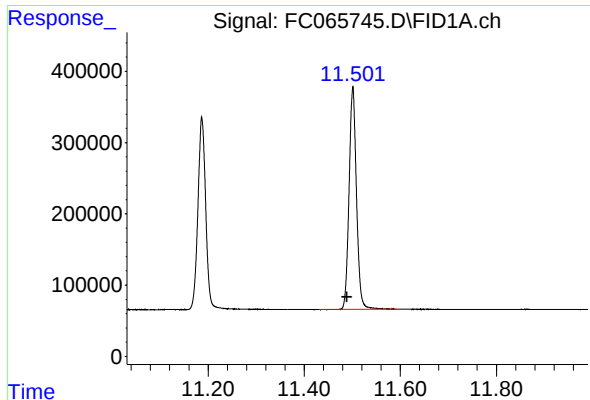
#7 n-Hexadecane (C16)

R.T.: 9.751 min
Delta R.T.: 0.011 min
Response: 2981480
Conc: 19.88 ug/ml



#8 n-Octadecane (C18)

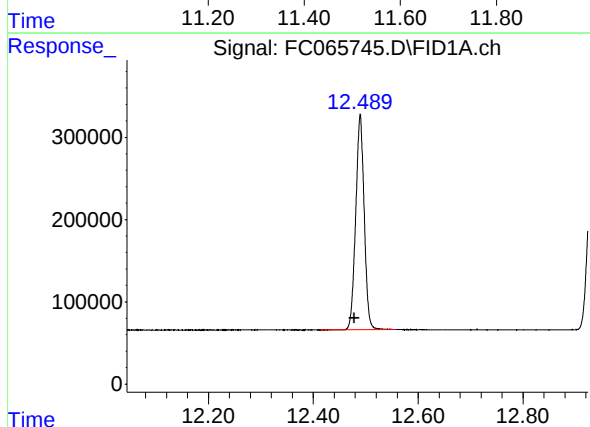
R.T.: 11.187 min
Delta R.T.: 0.013 min
Response: 3023884
Conc: 19.60 ug/ml



#9 ortho-Terphenyl (SURR)

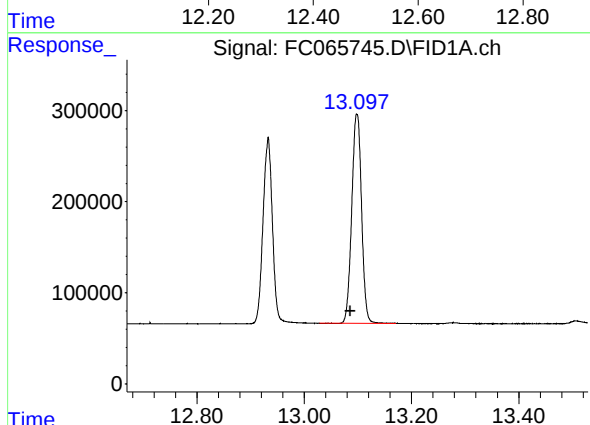
R.T.: 11.501 min
Delta R.T.: 0.013 min
Response: 3335943
Conc: 19.45 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



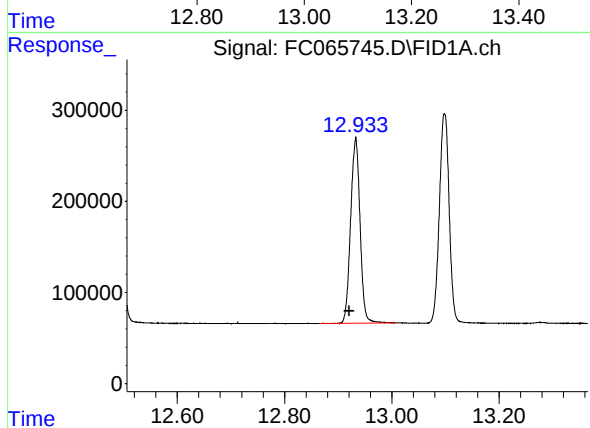
#10 n-Eicosane (C20)

R.T.: 12.489 min
Delta R.T.: 0.011 min
Response: 2940969
Conc: 19.56 ug/ml



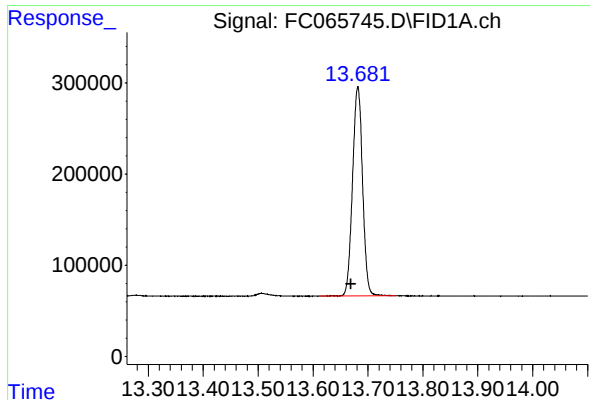
#11 n-Heneicosane (C21)

R.T.: 13.098 min
Delta R.T.: 0.012 min
Response: 2913000
Conc: 19.48 ug/ml



#12 1-chlorooctadecane (SURR)

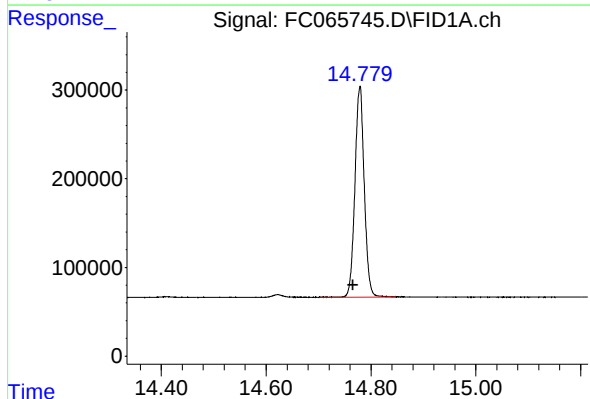
R.T.: 12.932 min
Delta R.T.: 0.012 min
Response: 2478389
Conc: 19.69 ug/ml



#13 n-Docosane (C22)

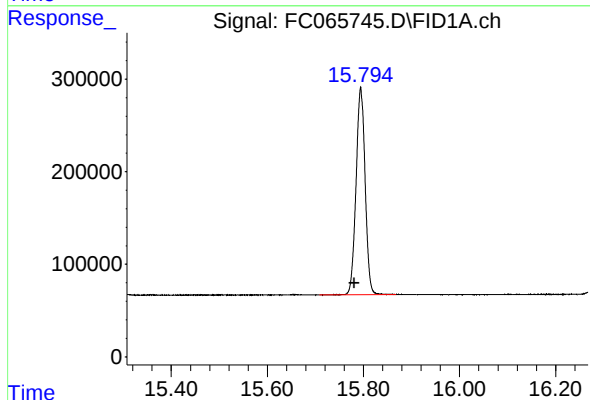
R.T.: 13.682 min
Delta R.T.: 0.012 min
Response: 2911482
Conc: 19.63 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



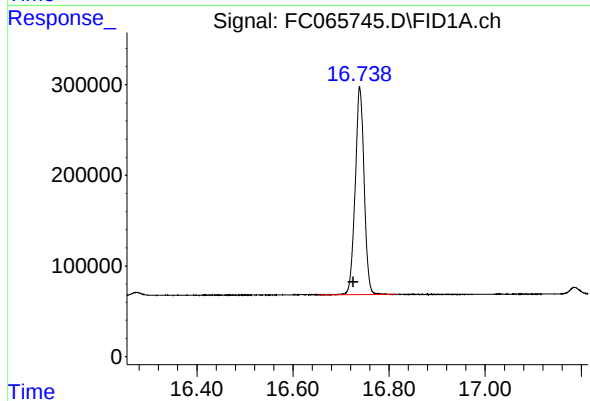
#14 n-Tetracosane (C24)

R.T.: 14.779 min
Delta R.T.: 0.013 min
Response: 2937011
Conc: 19.75 ug/ml



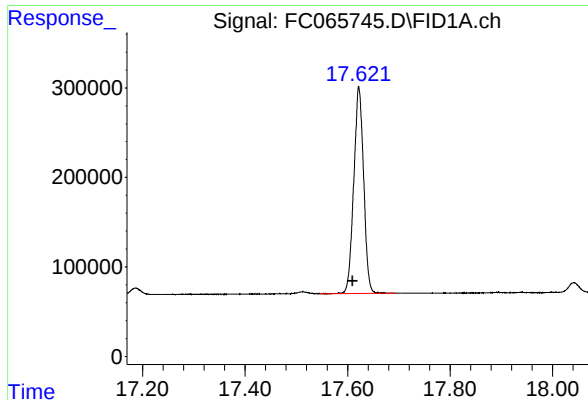
#15 n-Hexacosane (C26)

R.T.: 15.795 min
Delta R.T.: 0.013 min
Response: 2937945
Conc: 19.83 ug/ml



#16 n-Octacosane (C28)

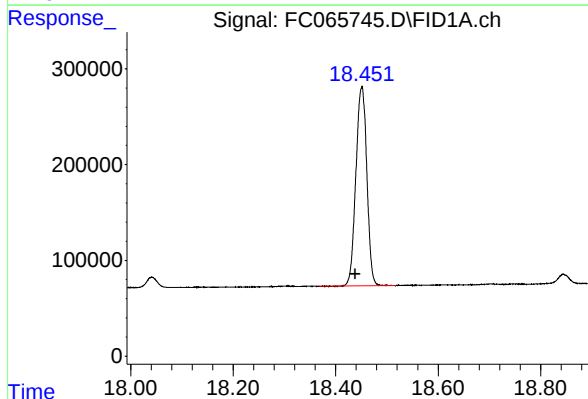
R.T.: 16.739 min
Delta R.T.: 0.013 min
Response: 2960078
Conc: 20.17 ug/ml



#17 n-Tricontane (C30)

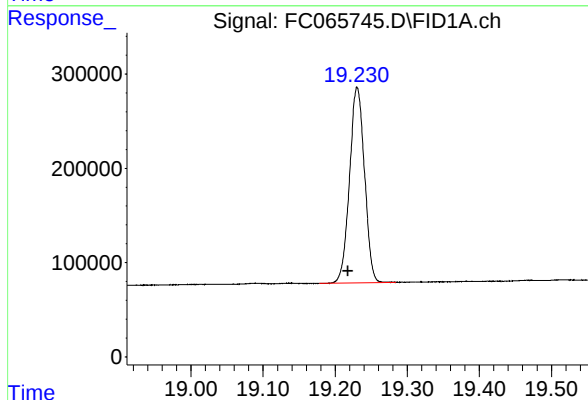
R.T.: 17.622 min
Delta R.T.: 0.012 min
Response: 3091283
Conc: 20.59 ug/ml

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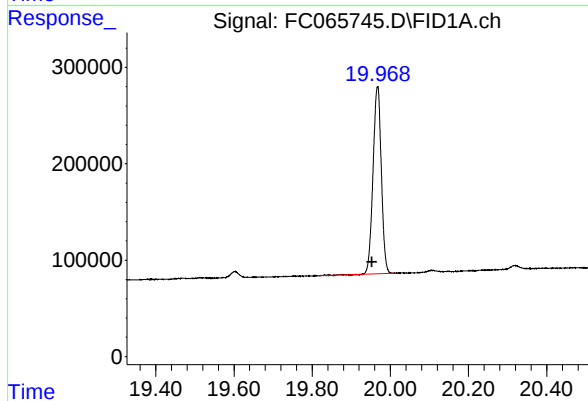
#18 n-Dotriacontane (C32)

R.T.: 18.451 min
Delta R.T.: 0.013 min
Response: 3091991
Conc: 20.91 ug/ml



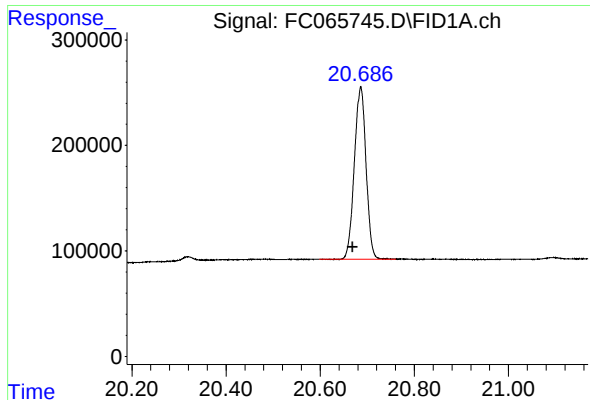
#19 n-Tetratriacontane (C34)

R.T.: 19.231 min
Delta R.T.: 0.013 min
Response: 2991243
Conc: 20.64 ug/ml



#20 n-Hexatriacontane (C36)

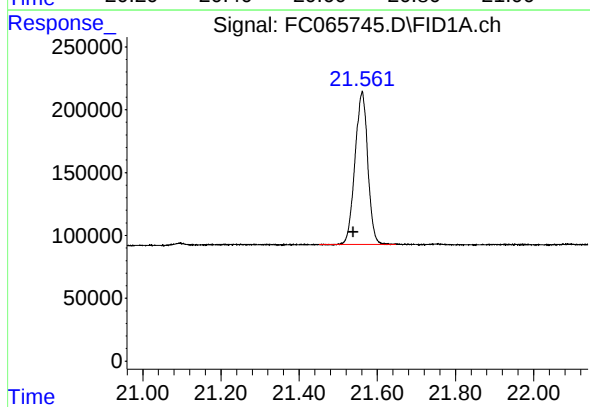
R.T.: 19.967 min
Delta R.T.: 0.014 min
Response: 2848302
Conc: 20.07 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.686 min
Delta R.T.: 0.017 min
Response: 2818376
Conc: 19.91 ug/ml

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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.561 min
Delta R.T.: 0.022 min
Response: 2754433
Conc: 19.75 ug/ml