

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC111524AL\
 Data File : FC067795.D
 Signal(s) : FID1A.ch
 Acq On : 16 Nov 2024 05:24
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Nov 16 09:53:35 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 111424.M
 Quant Title : GC Extractables
 QLast Update : Thu Nov 14 14:13:15 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)	11.491	3557930	18.352 ug/ml
Spiked Amount 50.000		Recovery =	36.70%
12) S 1-chlorooctadecane (S...	12.928	2641142	18.195 ug/ml
Spiked Amount 50.000		Recovery =	36.39%
Target Compounds			
1) T n-Nonane (C9)	3.272	3163320	19.393 ug/ml
2) T n-Decane (C10)	4.334	3255400	19.631 ug/ml
3) T A~Naphthalene (C11.7)	5.911	3594212	19.624 ug/ml
4) T n-Dodecane (C12)	6.349	3307302	19.636 ug/ml
5) T A~2-methylnaphthalene...	6.966	3487387	19.664 ug/ml
6) T n-Tetradecane (C14)	8.141	3280242	19.587 ug/ml
7) T n-Hexadecane (C16)	9.739	3347185	19.315 ug/ml
8) T n-Octadecane (C18)	11.179	3315576	18.845 ug/ml
10) T n-Eicosane (C20)	12.486	3106697	18.450 ug/ml
11) T n-Heneicosane (C21)	13.097	3008003	18.281 ug/ml
13) T n-Docosane (C22)	13.683	2967004	18.219 ug/ml
14) T n-Tetracosane (C24)	14.784	2914729	18.174 ug/ml
15) T n-Hexacosane (C26)	15.803	2827971	18.261 ug/ml
16) T n-Octacosane (C28)	16.750	2857406	18.920 ug/ml
17) T n-Tricontane (C30)	17.637	3009005	19.653 ug/ml
18) T n-Dotriacontane (C32)	18.468	2956953	20.021 ug/ml
19) T n-Tetratriacontane (C34)	19.250	2526553	20.031 ug/ml
20) T n-Hexatriacontane (C36)	19.988	2093971	20.021 ug/ml
21) T n-Octatriacontane (C38)	20.711	1939755	19.857 ug/ml
22) T n-Tetracontane (C40)	21.597	1869073	19.177 ug/ml

(f)=RT Delta > 1/2 Window

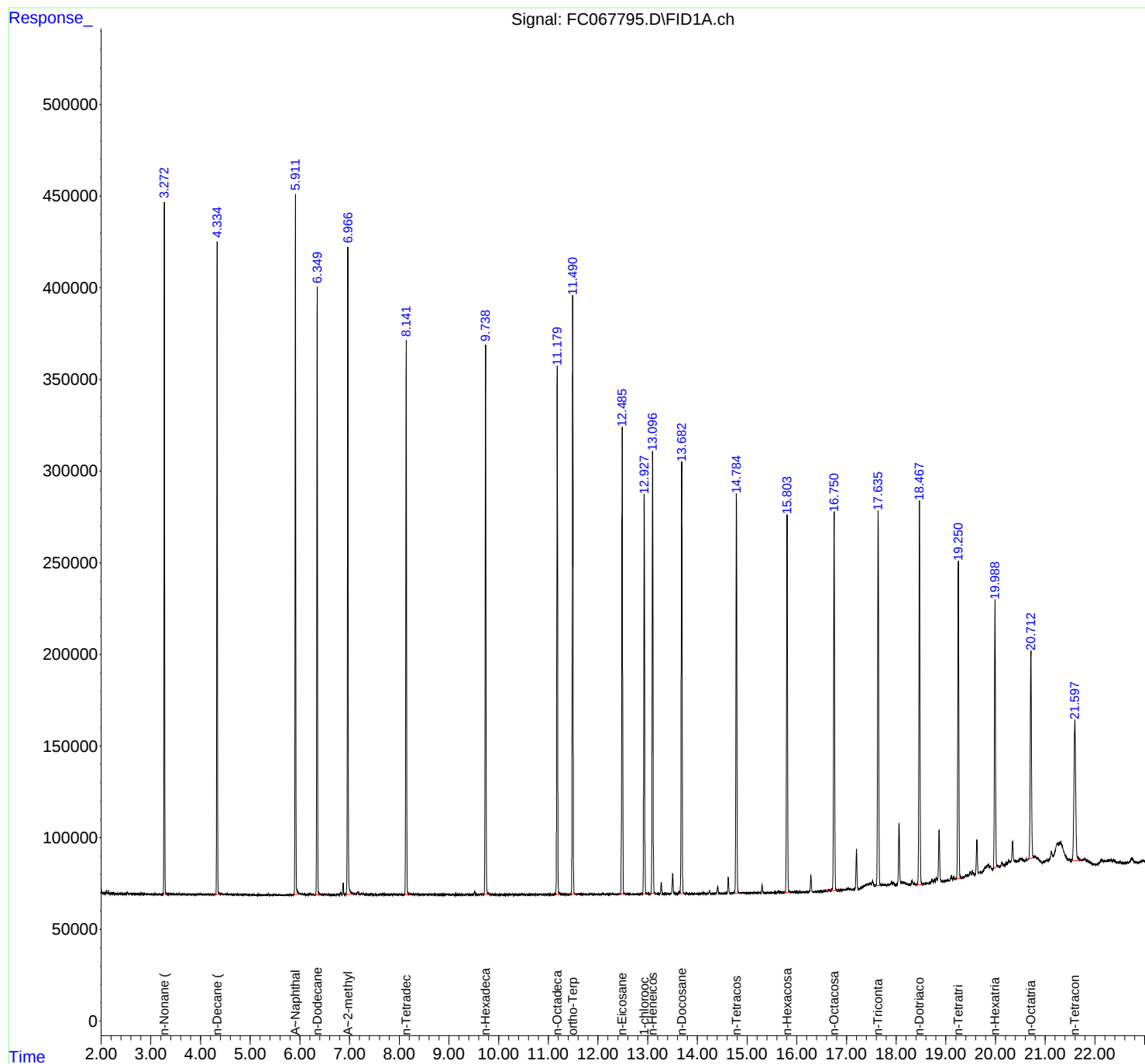
(m)=manual int.

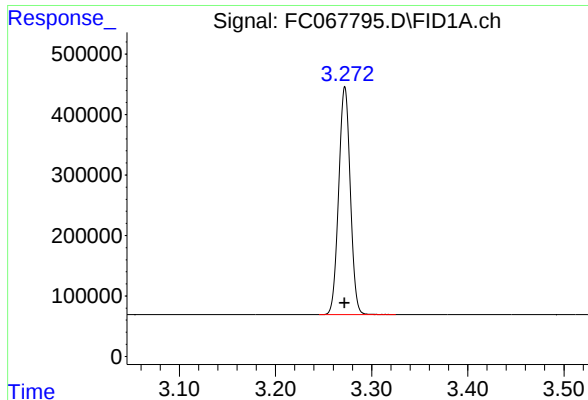
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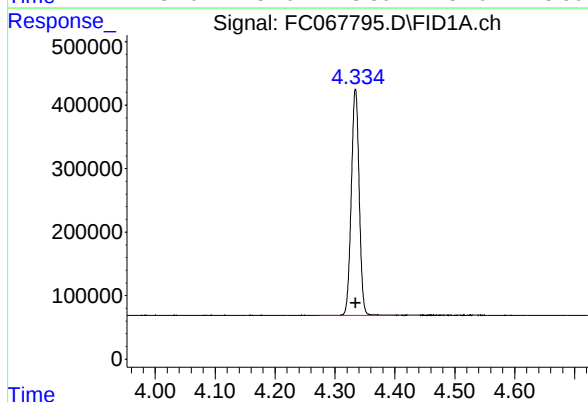




#1 n-Nonane (C9)

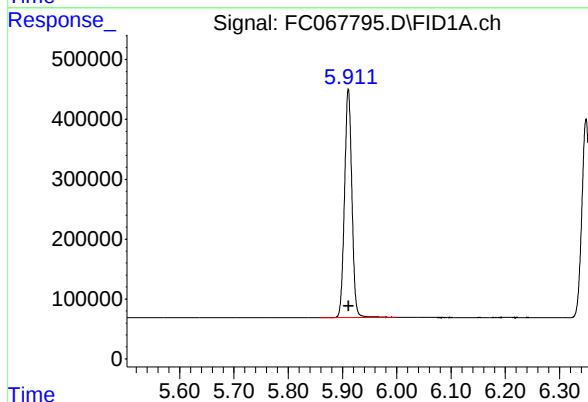
R.T.: 3.272 min
Delta R.T.: 0.000 min
Response: 3163320
Conc: 19.39 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



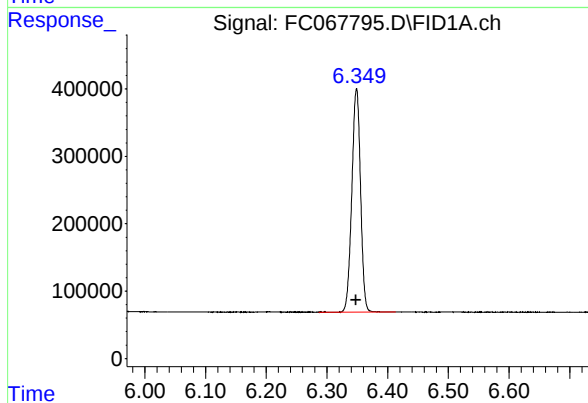
#2 n-Decane (C10)

R.T.: 4.334 min
Delta R.T.: 0.000 min
Response: 3255400
Conc: 19.63 ug/ml



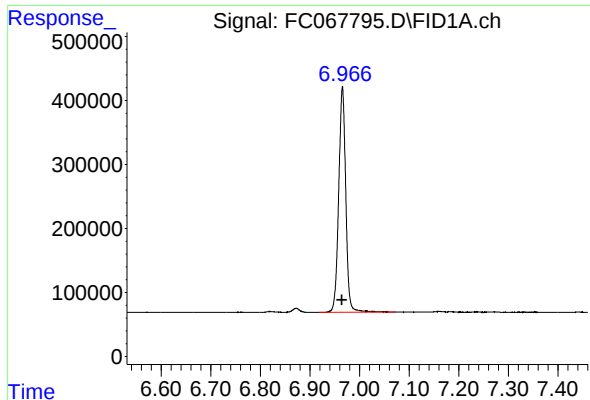
#3 A~Naphthalene (C11.7)

R.T.: 5.911 min
Delta R.T.: 0.000 min
Response: 3594212
Conc: 19.62 ug/ml



#4 n-Dodecane (C12)

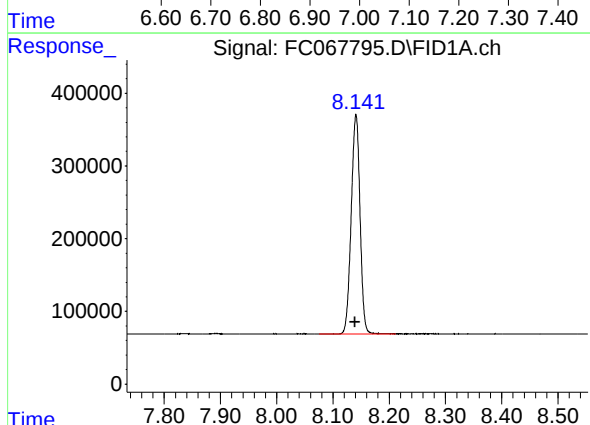
R.T.: 6.349 min
Delta R.T.: 0.001 min
Response: 3307302
Conc: 19.64 ug/ml



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

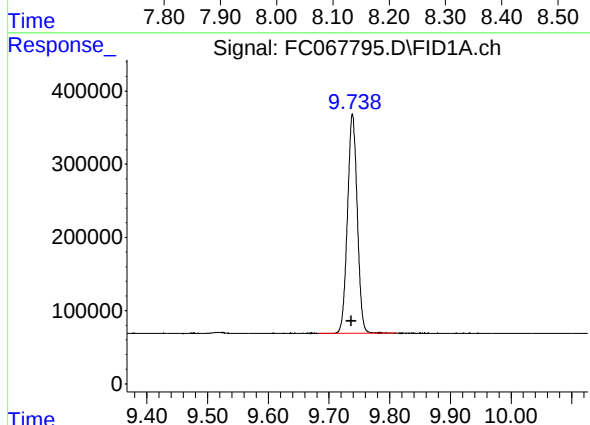
R.T.: 6.966 min
Delta R.T.: 0.000 min
Response: 3487387
Conc: 19.66 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



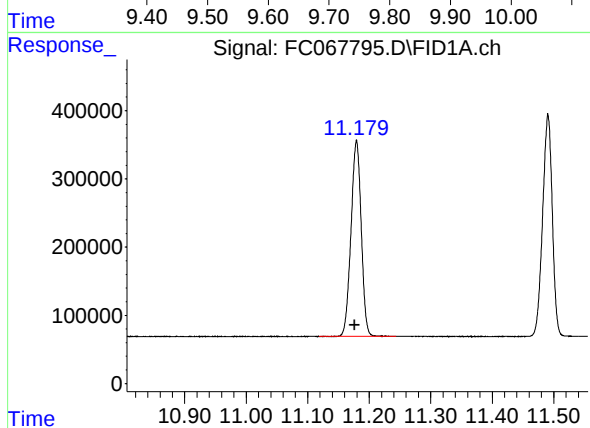
#6 n-Tetradecane (C14)

R.T.: 8.141 min
Delta R.T.: 0.002 min
Response: 3280242
Conc: 19.59 ug/ml



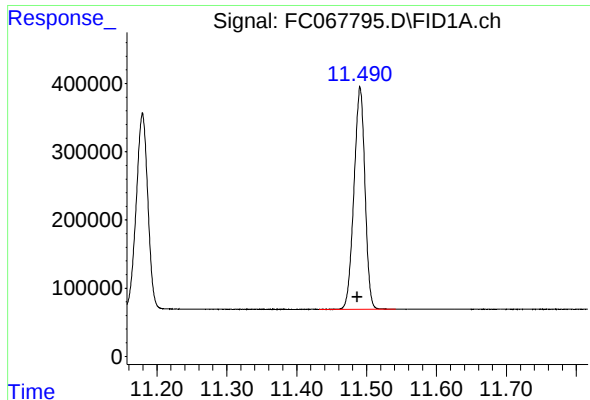
#7 n-Hexadecane (C16)

R.T.: 9.739 min
Delta R.T.: 0.002 min
Response: 3347185
Conc: 19.31 ug/ml



#8 n-Octadecane (C18)

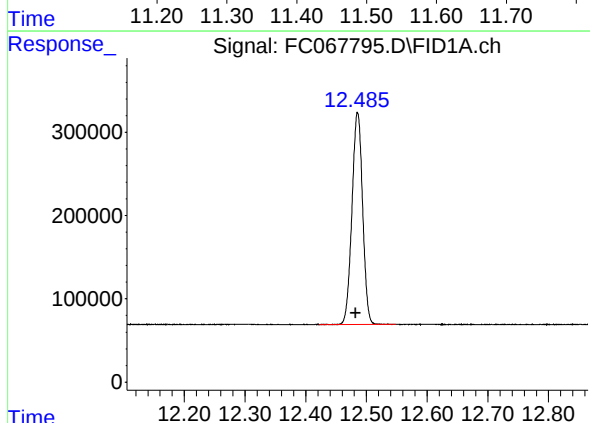
R.T.: 11.179 min
Delta R.T.: 0.003 min
Response: 3315576
Conc: 18.84 ug/ml



#9 ortho-Terphenyl (SURR)

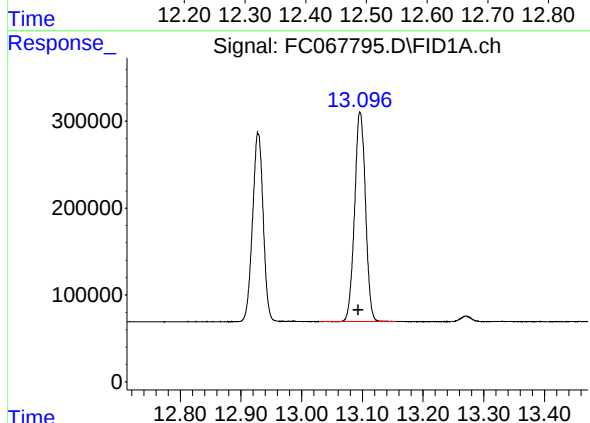
R.T.: 11.491 min
Delta R.T.: 0.004 min
Response: 3557930
Conc: 18.35 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



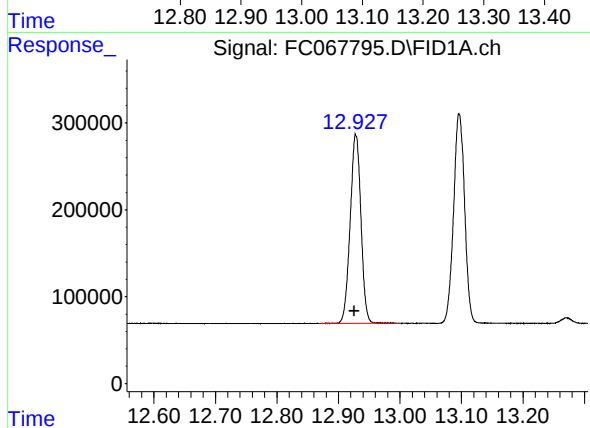
#10 n-Eicosane (C20)

R.T.: 12.486 min
Delta R.T.: 0.003 min
Response: 3106697
Conc: 18.45 ug/ml



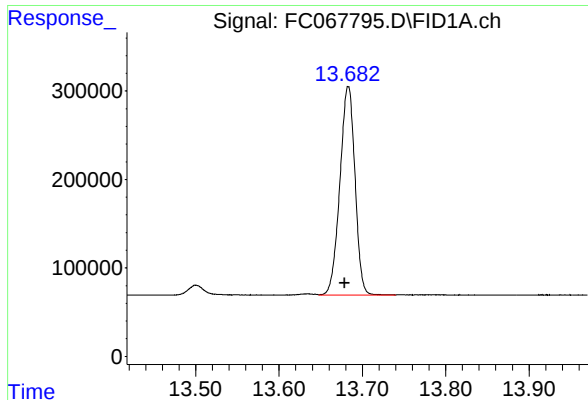
#11 n-Heneicosane (C21)

R.T.: 13.097 min
Delta R.T.: 0.003 min
Response: 3008003
Conc: 18.28 ug/ml



#12 1-chlorooctadecane (SURR)

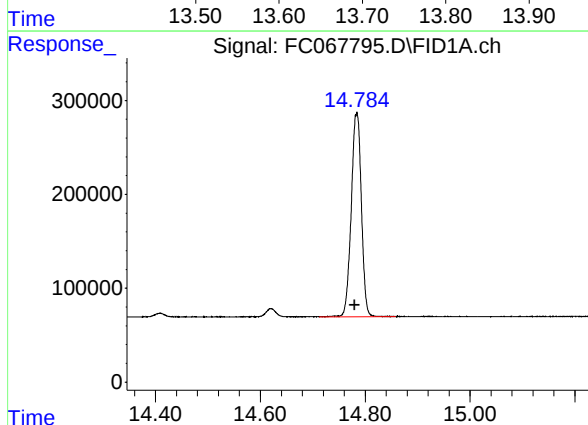
R.T.: 12.928 min
Delta R.T.: 0.003 min
Response: 2641142
Conc: 18.19 ug/ml



#13 n-Docosane (C22)

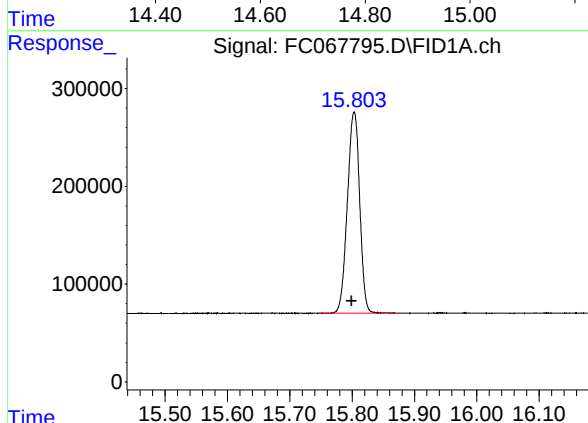
R.T.: 13.683 min
Delta R.T.: 0.004 min
Response: 2967004
Conc: 18.22 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



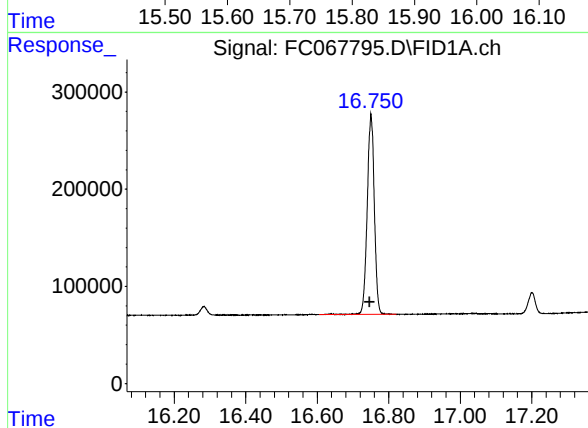
#14 n-Tetracosane (C24)

R.T.: 14.784 min
Delta R.T.: 0.004 min
Response: 2914729
Conc: 18.17 ug/ml



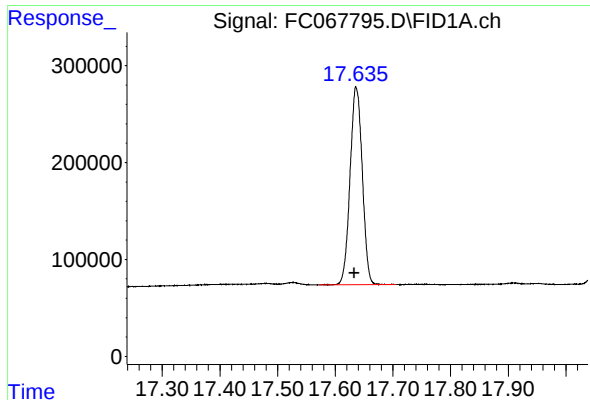
#15 n-Hexacosane (C26)

R.T.: 15.803 min
Delta R.T.: 0.004 min
Response: 2827971
Conc: 18.26 ug/ml



#16 n-Octacosane (C28)

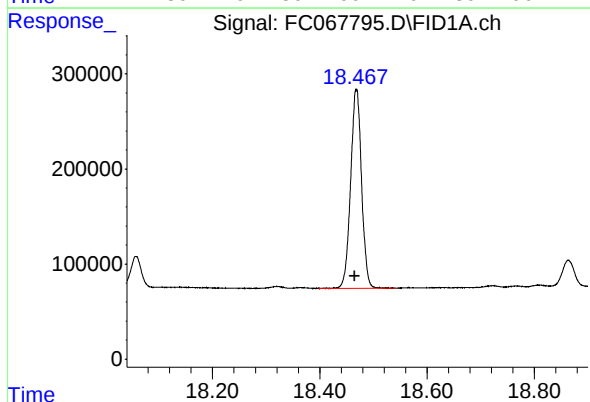
R.T.: 16.750 min
Delta R.T.: 0.004 min
Response: 2857406
Conc: 18.92 ug/ml



#17 n-Tricontane (C30)

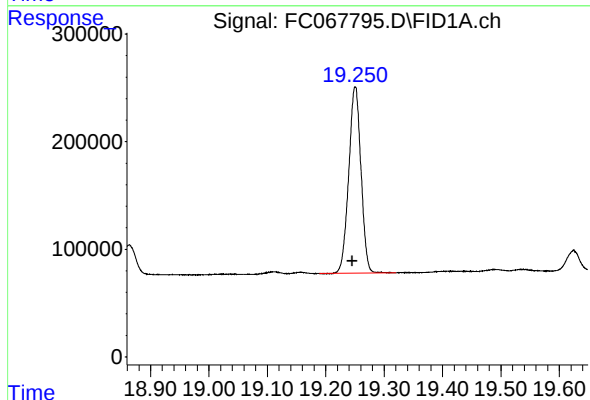
R.T.: 17.637 min
Delta R.T.: 0.003 min
Response: 3009005
Conc: 19.65 ug/ml

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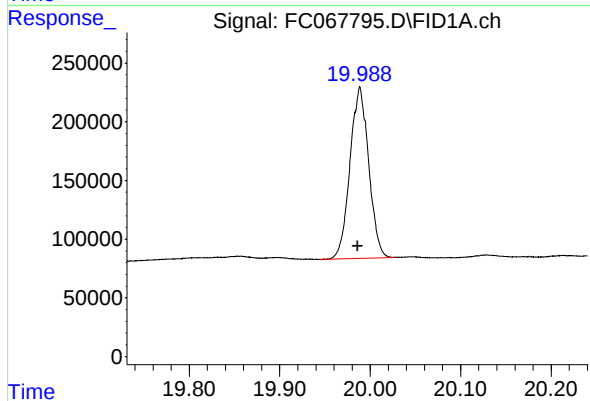
#18 n-Dotriacontane (C32)

R.T.: 18.468 min
Delta R.T.: 0.003 min
Response: 2956953
Conc: 20.02 ug/ml



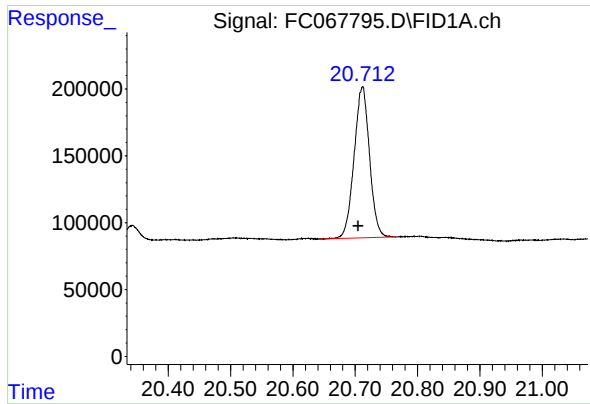
#19 n-Tetatriacontane (C34)

R.T.: 19.250 min
Delta R.T.: 0.005 min
Response: 2526553
Conc: 20.03 ug/ml



#20 n-Hexatriacontane (C36)

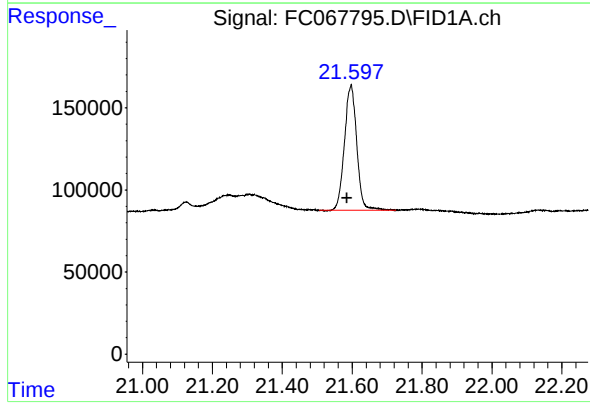
R.T.: 19.988 min
Delta R.T.: 0.002 min
Response: 2093971
Conc: 20.02 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.711 min
Delta R.T.: 0.006 min
Response: 1939755
Conc: 19.86 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.597 min
Delta R.T.: 0.011 min
Response: 1869073
Conc: 19.18 ug/ml