

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC080224AL\
 Data File : FC066903.D
 Signal(s) : FID1A.ch
 Acq On : 02 Aug 2024 13:00
 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 02 23:32:29 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)	11.514	2974511	19.321 ug/ml
Spiked Amount 50.000		Recovery =	38.64%
12) S 1-chlorooctadecane (S...	12.954	2192171	19.605 ug/ml
Spiked Amount 50.000		Recovery =	39.21%
Target Compounds			
1) T n-Nonane (C9)	3.285	2824698	19.907 ug/ml
2) T n-Decane (C10)	4.350	2904317	19.647 ug/ml
3) T A~Naphthalene (C11.7)	5.929	3081927	19.299 ug/ml
4) T n-Dodecane (C12)	6.367	2883297	19.233 ug/ml
5) T A~2-methylnaphthalene...	6.985	2932868	19.131 ug/ml
6) T n-Tetradecane (C14)	8.161	2788522	19.059 ug/ml
7) T n-Hexadecane (C16)	9.761	2835403	18.945 ug/ml
8) T n-Octadecane (C18)	11.202	2822940	19.023 ug/ml
10) T n-Eicosane (C20)	12.512	2670383	19.158 ug/ml
11) T n-Heneicosane (C21)	13.123	2607503	19.143 ug/ml
13) T n-Docosane (C22)	13.709	2586613	19.257 ug/ml
14) T n-Tetracosane (C24)	14.811	2557834	19.230 ug/ml
15) T n-Hexacosane (C26)	15.831	2507611	19.272 ug/ml
16) T n-Octacosane (C28)	16.781	2484804	19.697 ug/ml
17) T n-Tricontane (C30)	17.667	2579373	20.058 ug/ml
18) T n-Dotriacontane (C32)	18.501	2562588	20.355 ug/ml
19) T n-Tetratriacontane (C34)	19.282	2445515	19.767 ug/ml
20) T n-Hexatriacontane (C36)	20.022	2285992	19.652 ug/ml
21) T n-Octatriacontane (C38)	20.750	2206644	19.861 ug/ml
22) T n-Tetracontane (C40)	21.645	2122937	19.528 ug/ml

(f)=RT Delta > 1/2 Window

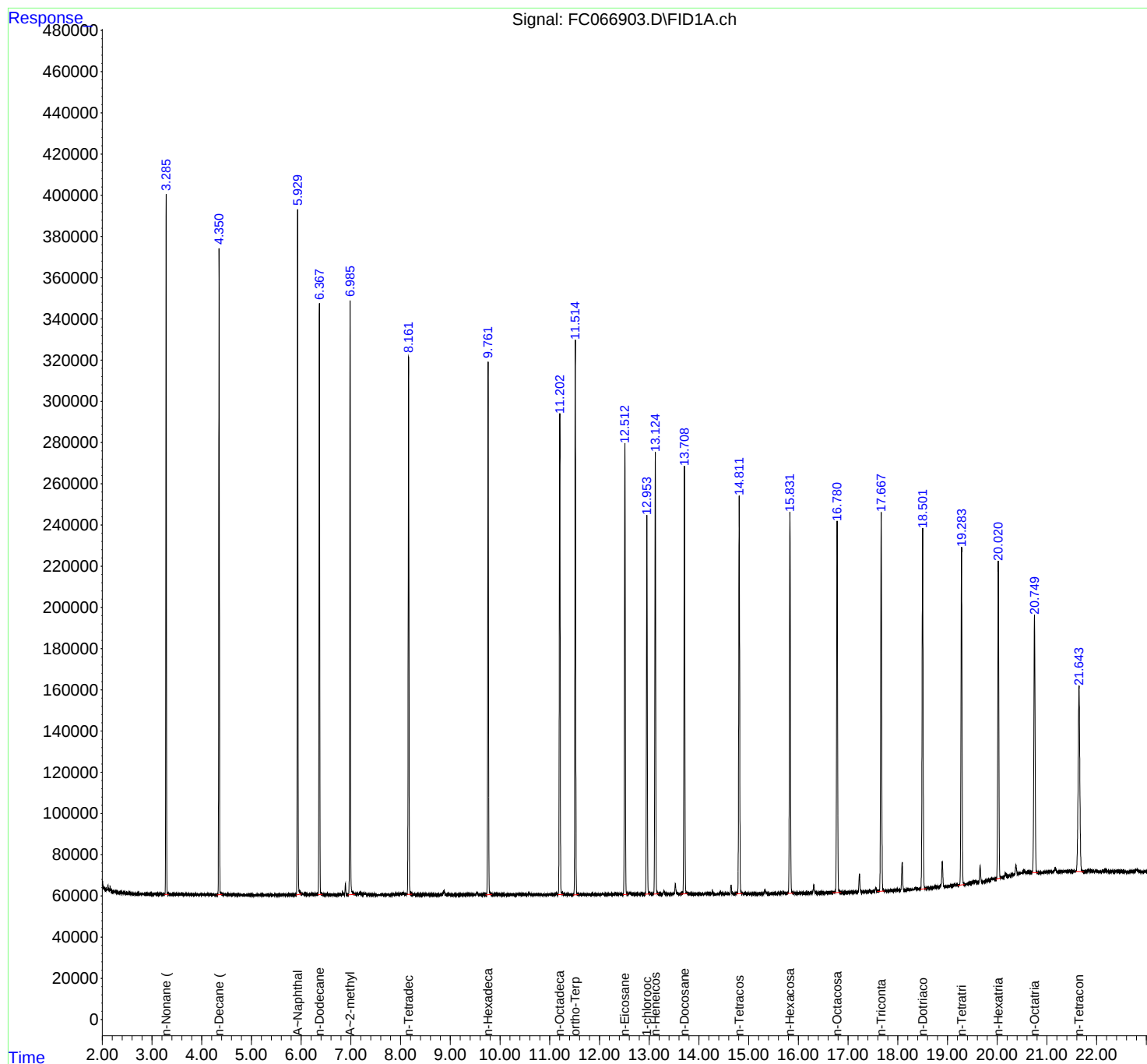
(m)=manual int.

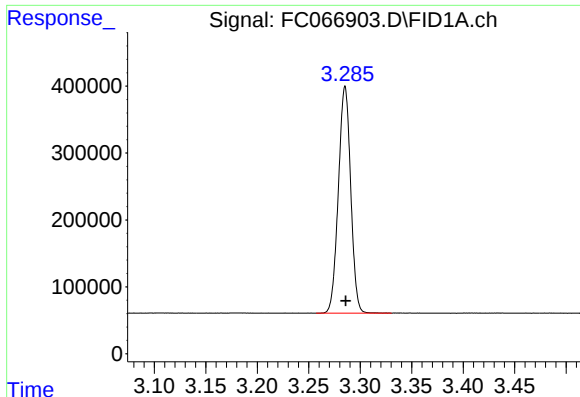
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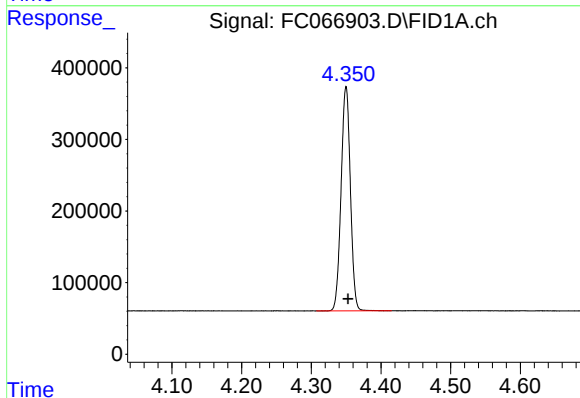




#1 n-Nonane (C9)

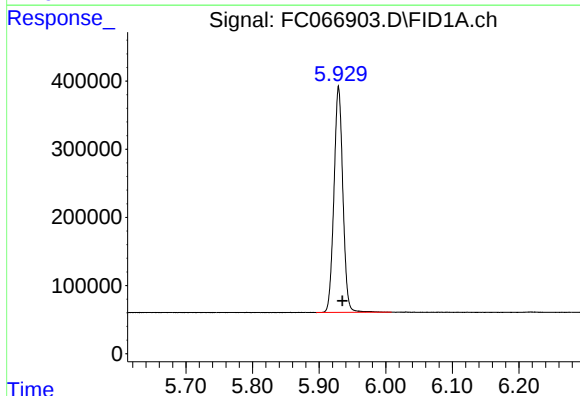
R.T.: 3.285 min
Delta R.T.: 0.000 min
Response: 2824698
Conc: 19.91 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



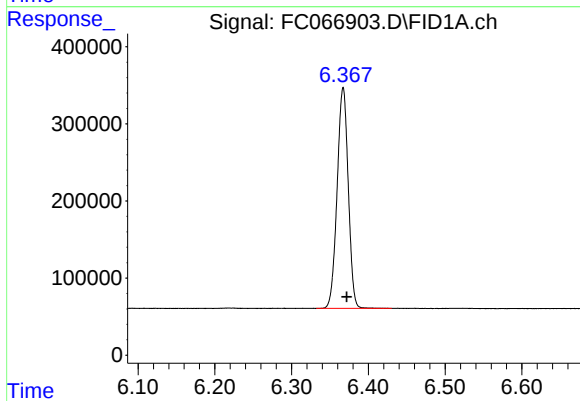
#2 n-Decane (C10)

R.T.: 4.350 min
Delta R.T.: -0.003 min
Response: 2904317
Conc: 19.65 ug/ml



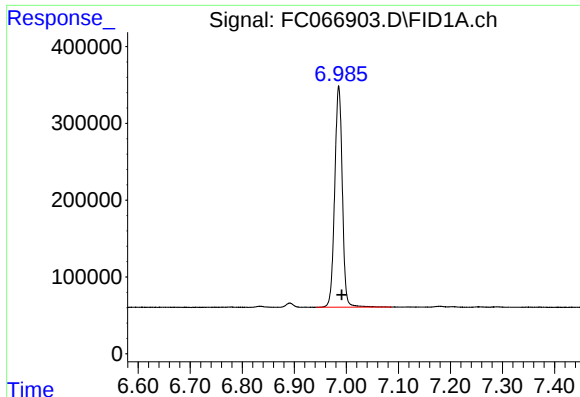
#3 A~Naphthalene (C11.7)

R.T.: 5.929 min
Delta R.T.: -0.006 min
Response: 3081927
Conc: 19.30 ug/ml



#4 n-Dodecane (C12)

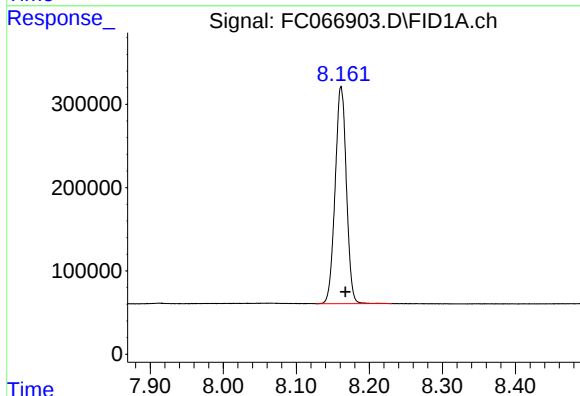
R.T.: 6.367 min
Delta R.T.: -0.005 min
Response: 2883297
Conc: 19.23 ug/ml



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

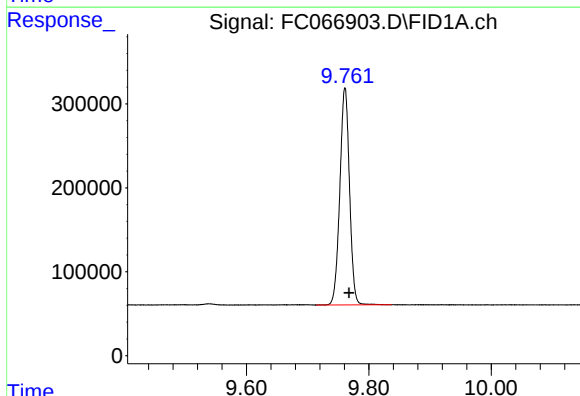
R.T.: 6.985 min
Delta R.T.: -0.006 min
Response: 2932868
Conc: 19.13 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



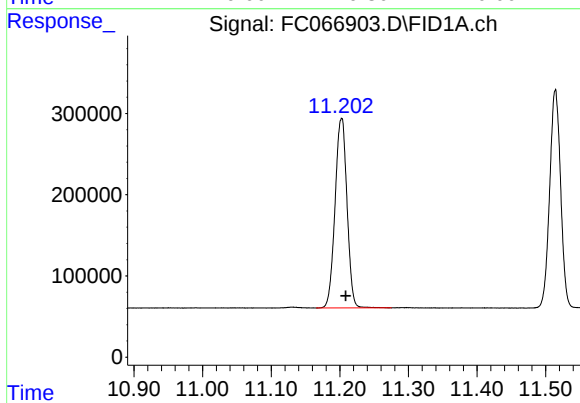
#6 n-Tetradecane (C14)

R.T.: 8.161 min
Delta R.T.: -0.006 min
Response: 2788522
Conc: 19.06 ug/ml



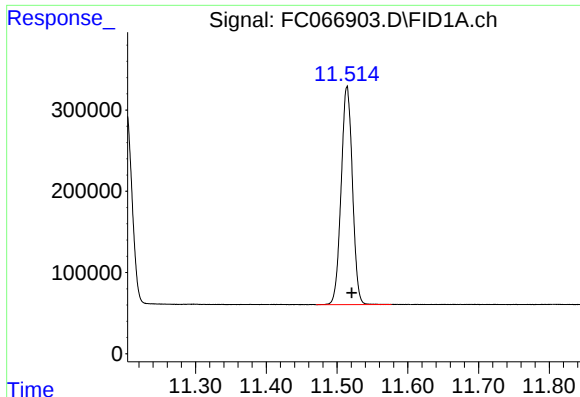
#7 n-Hexadecane (C16)

R.T.: 9.761 min
Delta R.T.: -0.007 min
Response: 2835403
Conc: 18.94 ug/ml



#8 n-Octadecane (C18)

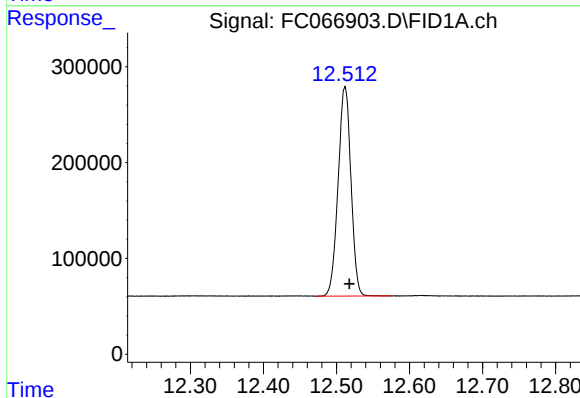
R.T.: 11.202 min
Delta R.T.: -0.006 min
Response: 2822940
Conc: 19.02 ug/ml



#9 ortho-Terphenyl (SURR)

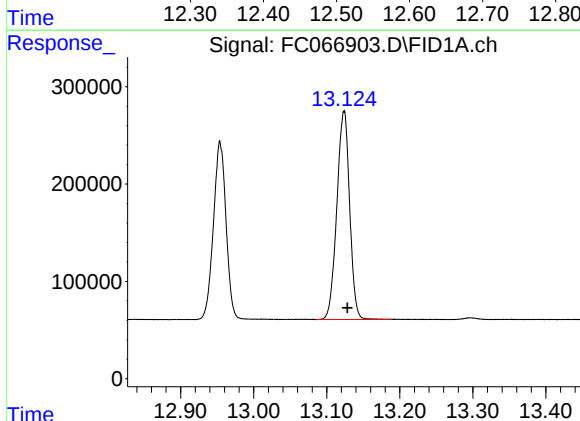
R.T.: 11.514 min
Delta R.T.: -0.007 min
Response: 2974511
Conc: 19.32 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



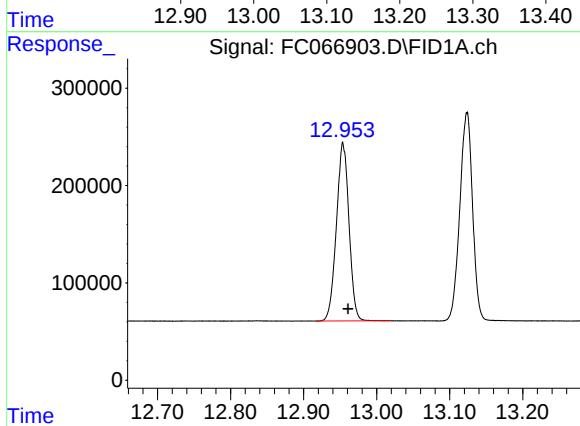
#10 n-Eicosane (C20)

R.T.: 12.512 min
Delta R.T.: -0.006 min
Response: 2670383
Conc: 19.16 ug/ml



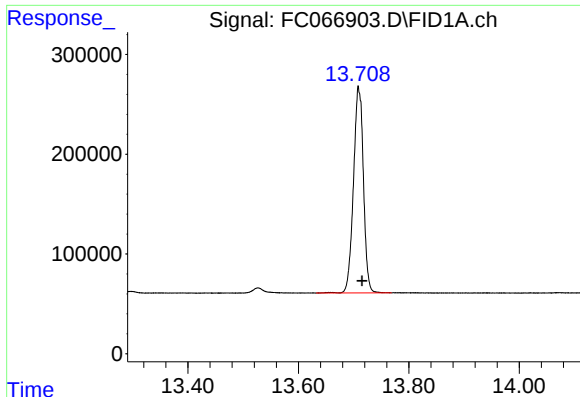
#11 n-Heneicosane (C21)

R.T.: 13.123 min
Delta R.T.: -0.005 min
Response: 2607503
Conc: 19.14 ug/ml



#12 1-chlorooctadecane (SURR)

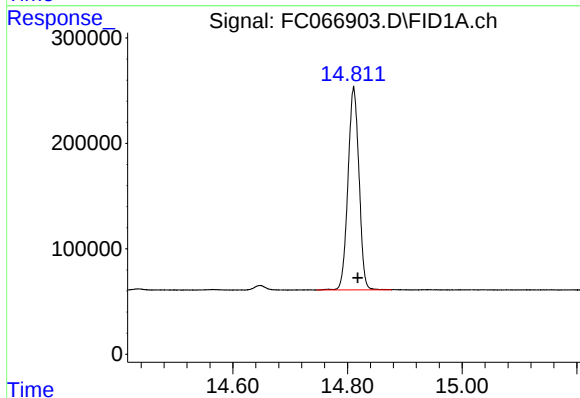
R.T.: 12.954 min
Delta R.T.: -0.007 min
Response: 2192171
Conc: 19.61 ug/ml



#13 n-Docosane (C22)

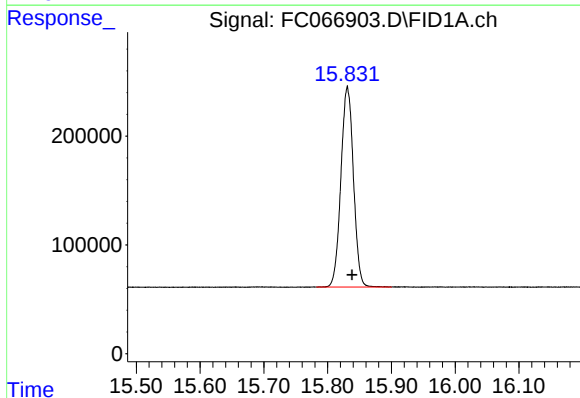
R.T.: 13.709 min
Delta R.T.: -0.006 min
Response: 2586613
Conc: 19.26 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



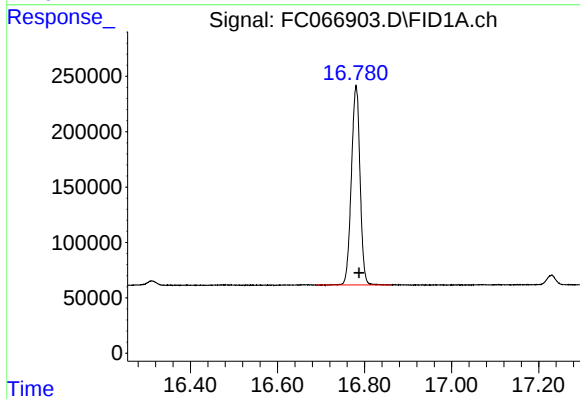
#14 n-Tetracosane (C24)

R.T.: 14.811 min
Delta R.T.: -0.007 min
Response: 2557834
Conc: 19.23 ug/ml



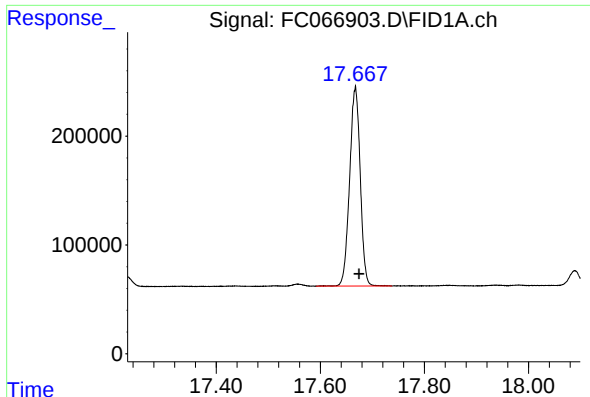
#15 n-Hexacosane (C26)

R.T.: 15.831 min
Delta R.T.: -0.007 min
Response: 2507611
Conc: 19.27 ug/ml



#16 n-Octacosane (C28)

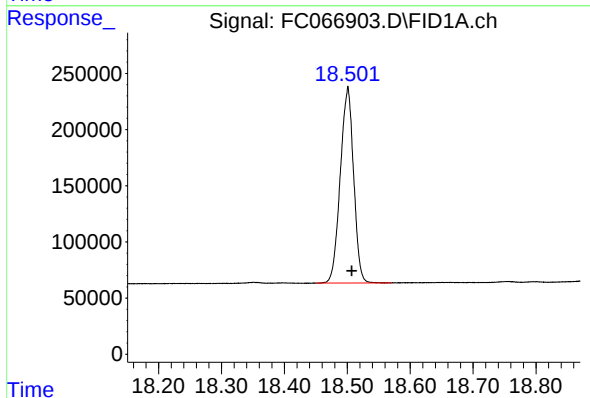
R.T.: 16.781 min
Delta R.T.: -0.007 min
Response: 2484804
Conc: 19.70 ug/ml



#17 n-Tricontane (C30)

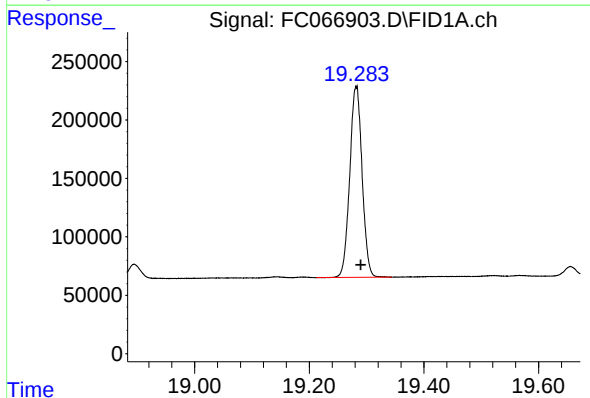
R.T.: 17.667 min
Delta R.T.: -0.007 min
Response: 2579373
Conc: 20.06 ug/ml

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FID_C
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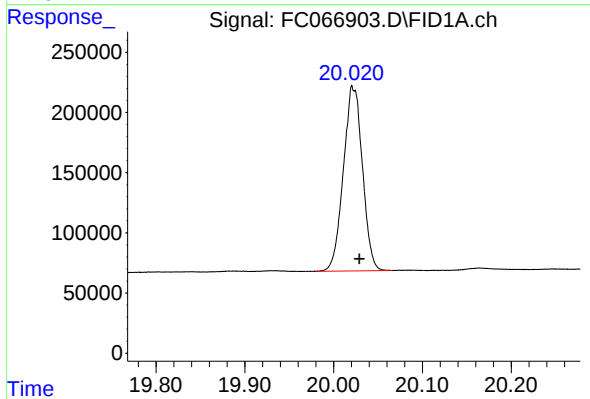
#18 n-Dotriacontane (C32)

R.T.: 18.501 min
Delta R.T.: -0.007 min
Response: 2562588
Conc: 20.36 ug/ml



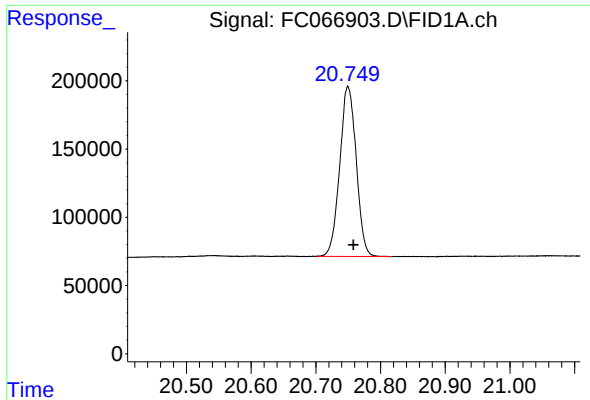
#19 n-Tetratriacontane (C34)

R.T.: 19.282 min
Delta R.T.: -0.008 min
Response: 2445515
Conc: 19.77 ug/ml



#20 n-Hexatriacontane (C36)

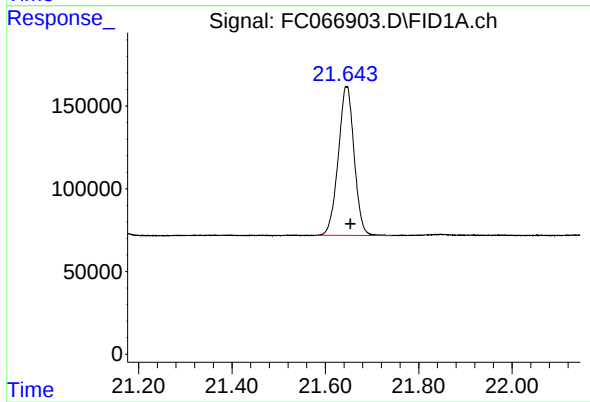
R.T.: 20.022 min
Delta R.T.: -0.007 min
Response: 2285992
Conc: 19.65 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.750 min
Delta R.T.: -0.008 min
Response: 2206644
Conc: 19.86 ug/ml

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FID_C
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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.645 min
Delta R.T.: -0.009 min
Response: 2122937
Conc: 19.53 ug/ml