

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC061923AL\
 Data File : FC063885.D
 Signal(s) : FID1A.ch
 Acq On : 19 Jun 2023 15:14
 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: Jun 20 00:46:36 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 052723.M
 Quant Title : GC Extractables
 QLast Update : Sat May 27 06:12:33 2023
 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)	11.525	3464719	18.986 ug/ml
Spiked Amount 50.000		Recovery =	37.97%
12) S 1-chlorooctadecane (S...	12.962	2479398	19.405 ug/ml
Spiked Amount 50.000		Recovery =	38.81%
Target Compounds			
1) T n-Nonane (C9)	3.308	3184657	19.981 ug/ml
2) T n-Decane (C10)	4.371	3249512	20.102 ug/ml
3) T A~Naphthalene (C11.7)	5.951	3367850	19.386 ug/ml
4) T n-Dodecane (C12)	6.384	3227133	19.736 ug/ml
5) T A~2-methylnaphthalene...	7.006	3187621	19.458 ug/ml
6) T n-Tetradecane (C14)	8.175	3098899	19.704 ug/ml
7) T n-Hexadecane (C16)	9.774	3107892	19.529 ug/ml
8) T n-Octadecane (C18)	11.212	3086468	19.506 ug/ml
10) T n-Eicosane (C20)	12.519	2897990	19.595 ug/ml
11) T n-Heneicosane (C21)	13.129	2813467	19.546 ug/ml
13) T n-Docosane (C22)	13.713	2768488	19.652 ug/ml
14) T n-Tetracosane (C24)	14.813	2720449	19.826 ug/ml
15) T n-Hexacosane (C26)	15.830	2658981	20.054 ug/ml
16) T n-Octacosane (C28)	16.776	2612752	20.577 ug/ml
17) T n-Tricontane (C30)	17.661	2705583	21.177 ug/ml
18) T n-Dotriacontane (C32)	18.491	2708809	21.769 ug/ml
19) T n-Tetratriacontane (C34)	19.271	2663296	21.600 ug/ml
20) T n-Hexatriacontane (C36)	20.009	2566104	21.380 ug/ml
21) T n-Octatriacontane (C38)	20.731	2564535	21.242 ug/ml
22) T n-Tetracontane (C40)	21.622	2588974	21.366 ug/ml

(f)=RT Delta > 1/2 Window

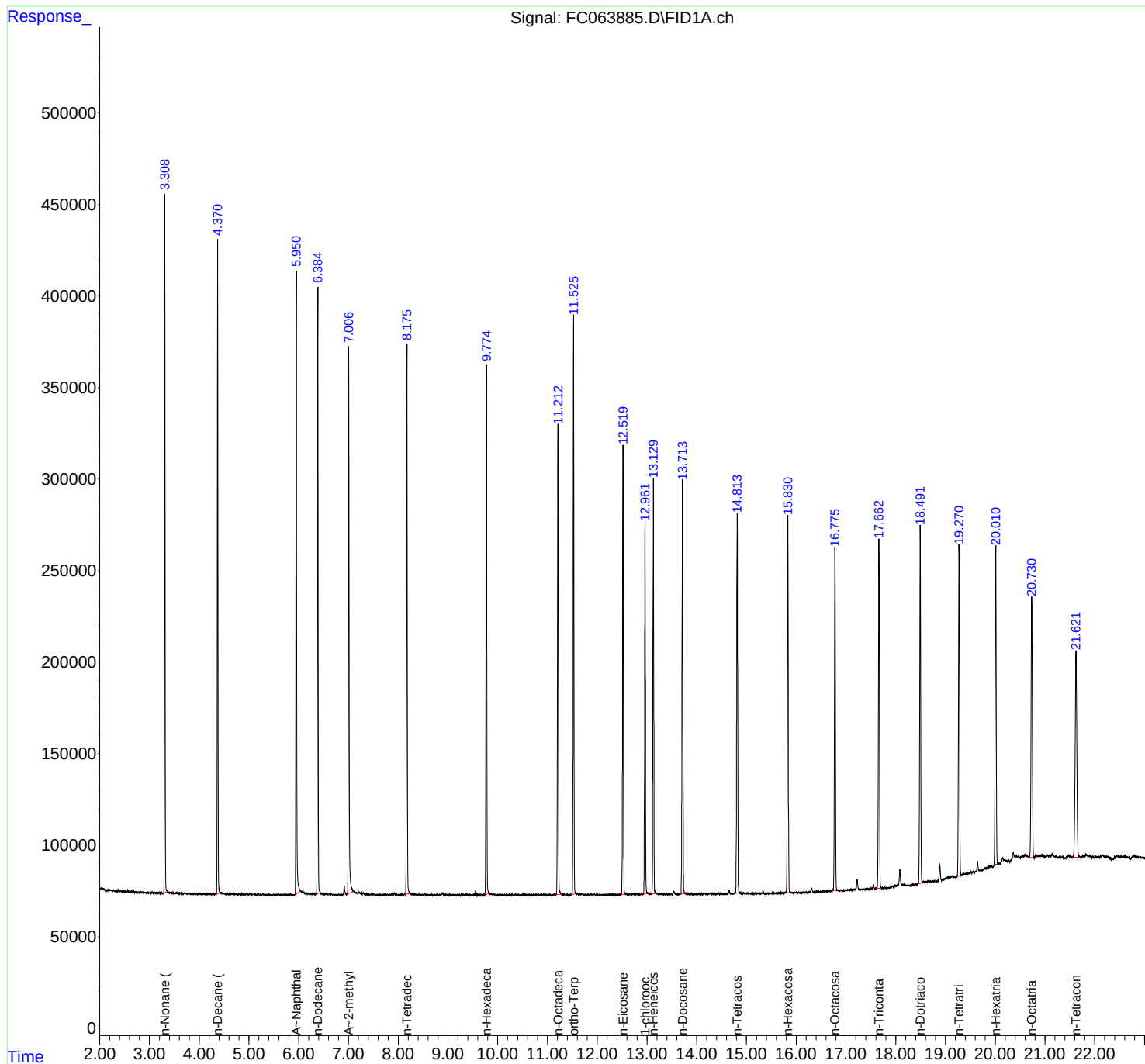
(m)=manual int.

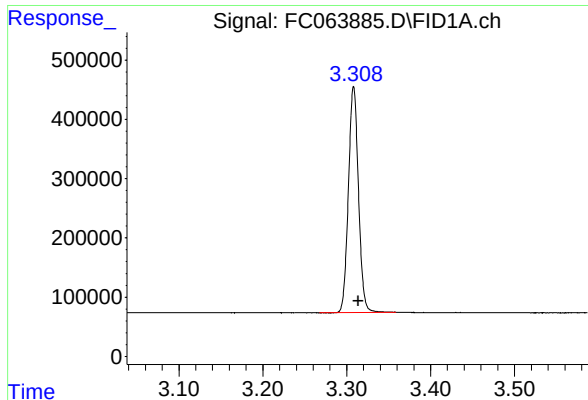
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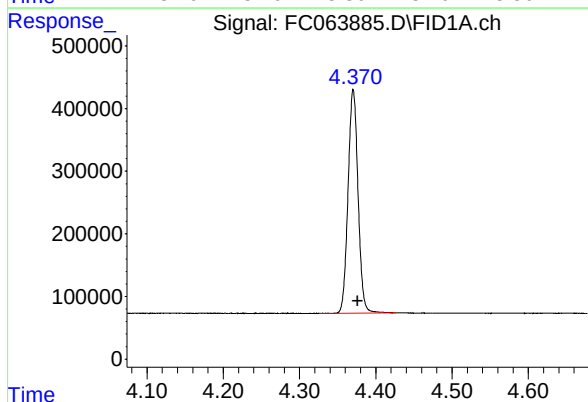




#1 n-Nonane (C9)

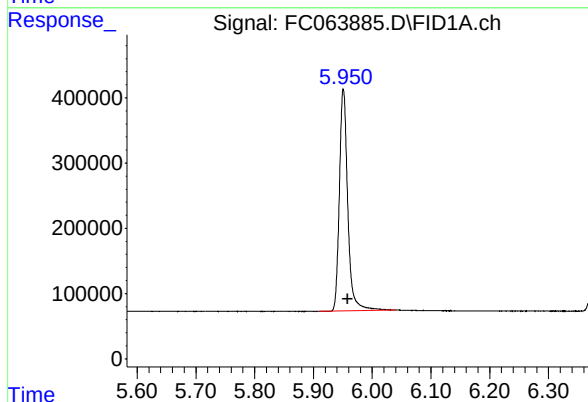
R.T.: 3.308 min
Delta R.T.: -0.006 min
Response: 3184657
Conc: 19.98 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



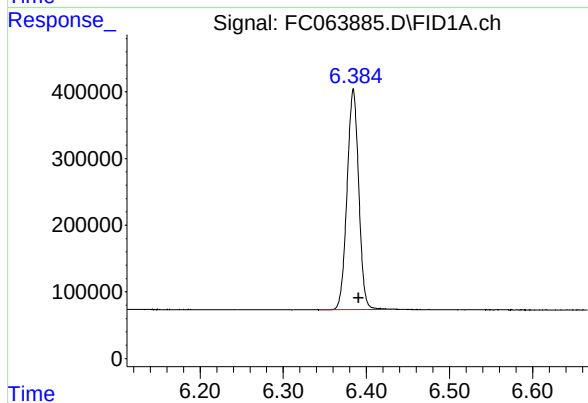
#2 n-Decane (C10)

R.T.: 4.371 min
Delta R.T.: -0.006 min
Response: 3249512
Conc: 20.10 ug/ml



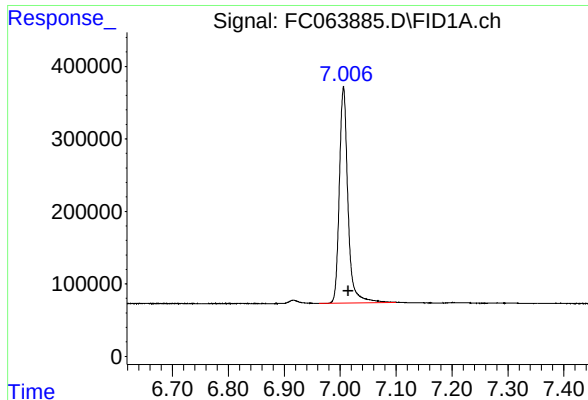
#3 A~Naphthalene (C11.7)

R.T.: 5.951 min
Delta R.T.: -0.007 min
Response: 3367850
Conc: 19.39 ug/ml



#4 n-Dodecane (C12)

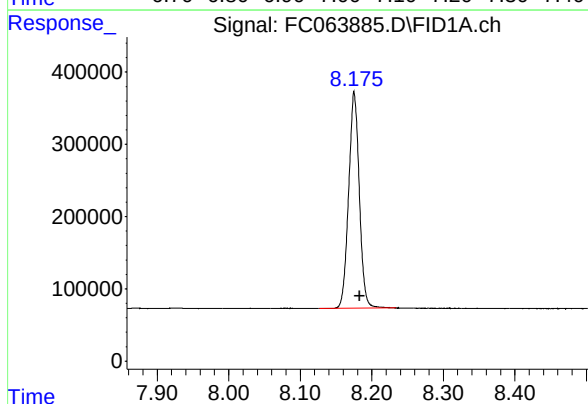
R.T.: 6.384 min
Delta R.T.: -0.007 min
Response: 3227133
Conc: 19.74 ug/ml



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

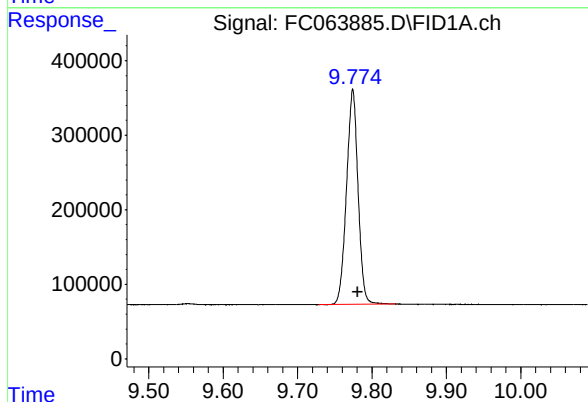
R.T.: 7.006 min
Delta R.T.: -0.008 min
Response: 3187621
Conc: 19.46 ug/ml

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20 PPM ALIPHATIC HC STD



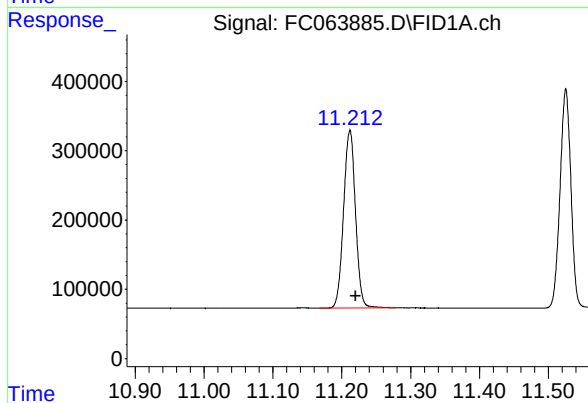
#6 n-Tetradecane (C14)

R.T.: 8.175 min
Delta R.T.: -0.008 min
Response: 3098899
Conc: 19.70 ug/ml



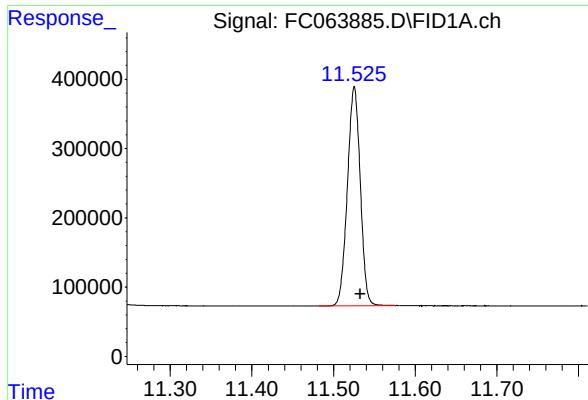
#7 n-Hexadecane (C16)

R.T.: 9.774 min
Delta R.T.: -0.006 min
Response: 3107892
Conc: 19.53 ug/ml



#8 n-Octadecane (C18)

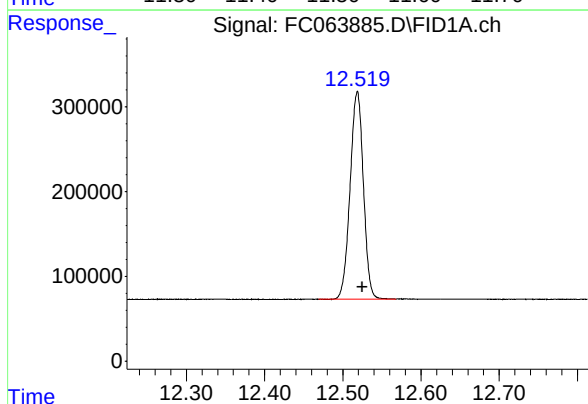
R.T.: 11.212 min
Delta R.T.: -0.008 min
Response: 3086468
Conc: 19.51 ug/ml



#9 ortho-Terphenyl (SURR)

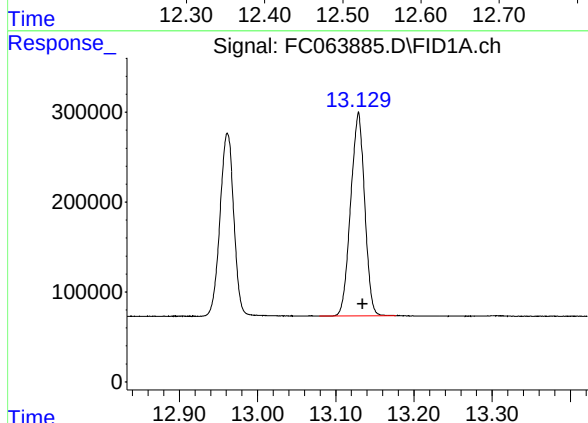
R.T.: 11.525 min
Delta R.T.: -0.007 min
Response: 3464719
Conc: 18.99 ug/ml

Instrument :
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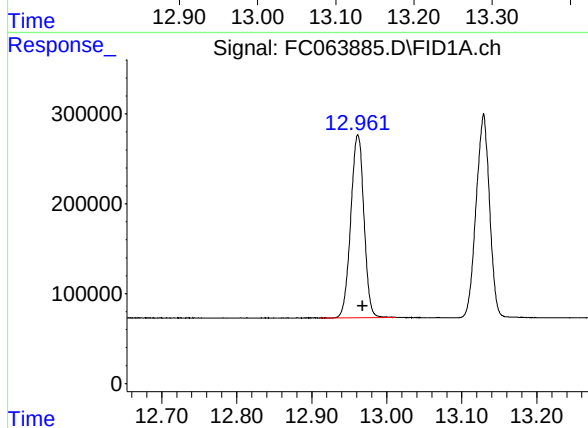
#10 n-Eicosane (C20)

R.T.: 12.519 min
Delta R.T.: -0.006 min
Response: 2897990
Conc: 19.60 ug/ml



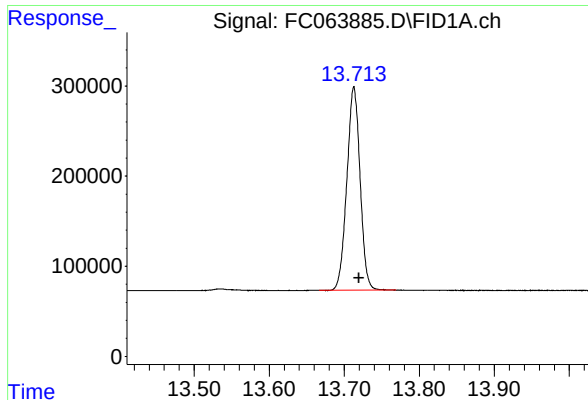
#11 n-Heneicosane (C21)

R.T.: 13.129 min
Delta R.T.: -0.005 min
Response: 2813467
Conc: 19.55 ug/ml



#12 1-chlorooctadecane (SURR)

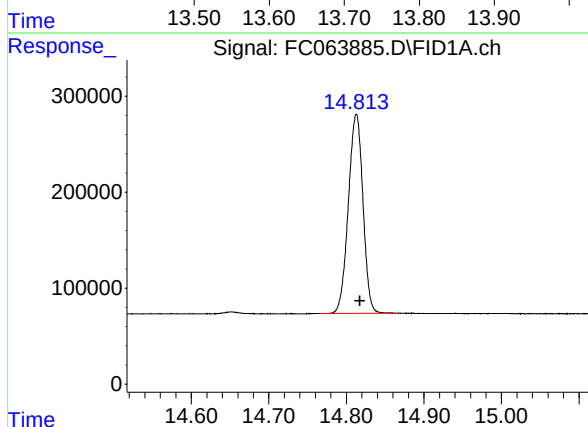
R.T.: 12.962 min
Delta R.T.: -0.006 min
Response: 2479398
Conc: 19.40 ug/ml



#13 n-Docosane (C22)

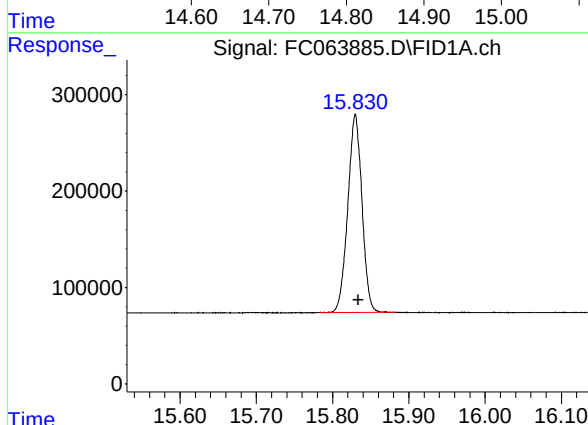
R.T.: 13.713 min
Delta R.T.: -0.007 min
Response: 2768488
Conc: 19.65 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



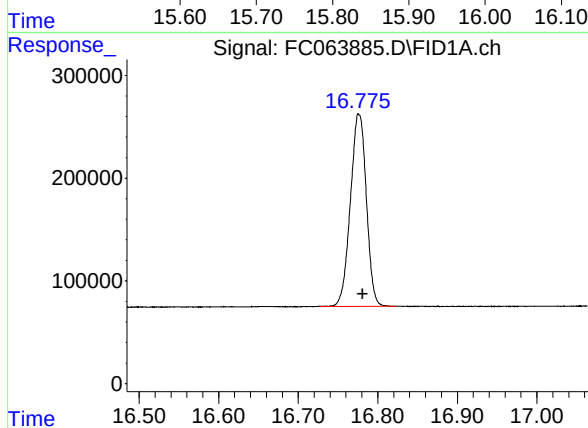
#14 n-Tetracosane (C24)

R.T.: 14.813 min
Delta R.T.: -0.005 min
Response: 2720449
Conc: 19.83 ug/ml



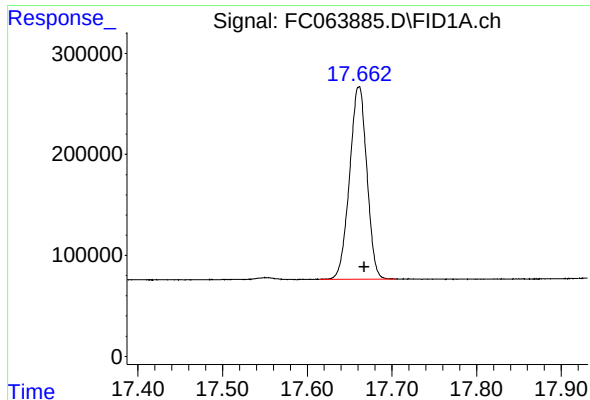
#15 n-Hexacosane (C26)

R.T.: 15.830 min
Delta R.T.: -0.004 min
Response: 2658981
Conc: 20.05 ug/ml



#16 n-Octacosane (C28)

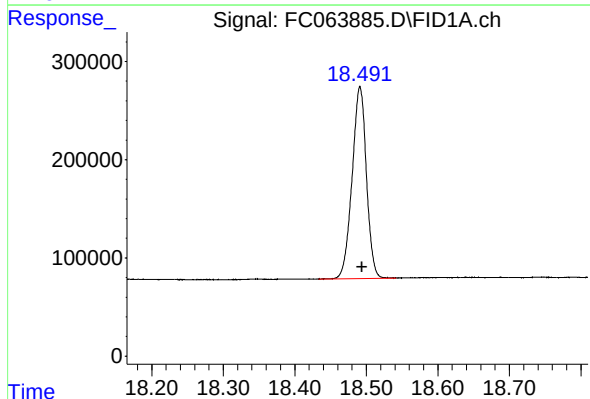
R.T.: 16.776 min
Delta R.T.: -0.004 min
Response: 2612752
Conc: 20.58 ug/ml



#17 n-Tricontane (C30)

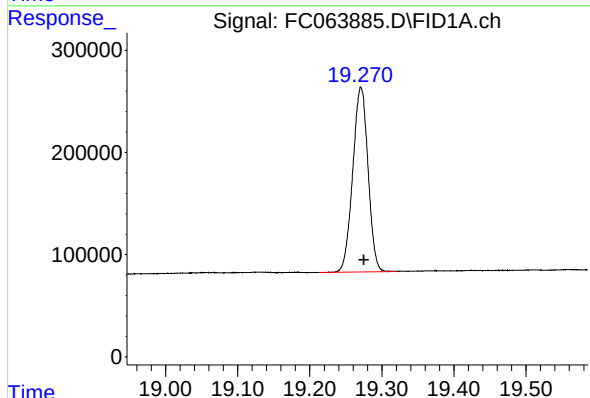
R.T.: 17.661 min
Delta R.T.: -0.006 min
Response: 2705583
Conc: 21.18 ug/ml

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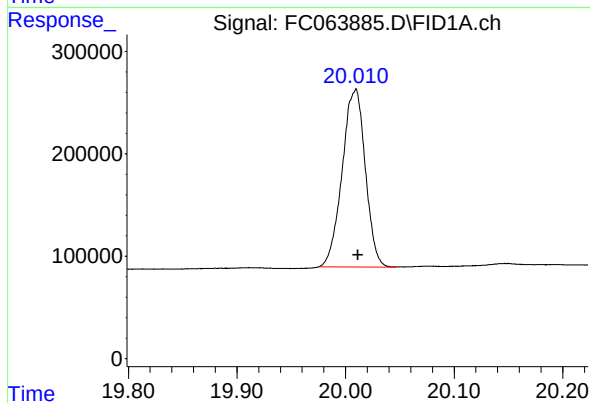
#18 n-Dotriacontane (C32)

R.T.: 18.491 min
Delta R.T.: -0.003 min
Response: 2708809
Conc: 21.77 ug/ml



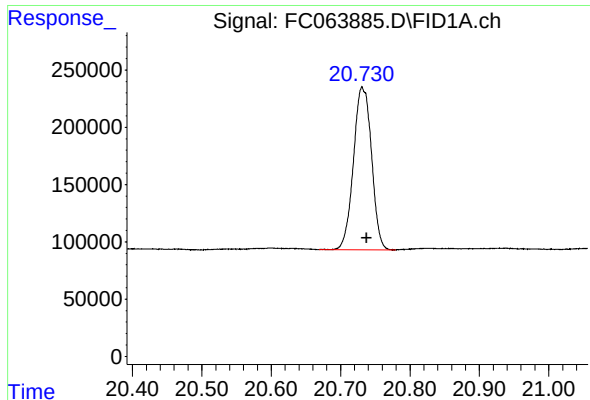
#19 n-Tetatriacontane (C34)

R.T.: 19.271 min
Delta R.T.: -0.004 min
Response: 2663296
Conc: 21.60 ug/ml



#20 n-Hexatriacontane (C36)

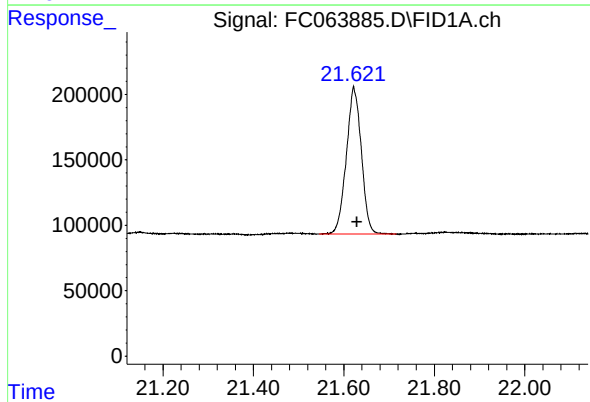
R.T.: 20.009 min
Delta R.T.: -0.002 min
Response: 2566104
Conc: 21.38 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.731 min
Delta R.T.: -0.007 min
Response: 2564535
Conc: 21.24 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.622 min
Delta R.T.: -0.007 min
Response: 2588974
Conc: 21.37 ug/ml