

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC110322AL\
 Data File : FC062073.D
 Signal(s) : FID1A.ch
 Acq On : 03 Nov 2022 14:52
 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: Nov 04 04:49:35 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 101722.M
 Quant Title : GC Extractables
 QLast Update : Mon Oct 17 23:26:31 2022
 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)	11.595	2548598	17.146 ug/ml
Spiked Amount 50.000		Recovery =	34.29%
12) S 1-chlorooctadecane (S...	13.031	1958756	16.813 ug/ml
Spiked Amount 50.000		Recovery =	33.63%
Target Compounds			
1) T n-Nonane (C9)	3.348	2498775	17.764 ug/ml
2) T n-Decane (C10)	4.417	2579783	18.072 ug/ml
3) T A~Naphthalene (C11.7)	6.005	2654804	17.199 ug/ml
4) T n-Dodecane (C12)	6.439	2593455	17.865 ug/ml
5) T A~2-methylnaphthalene...	7.064	2585604	17.045 ug/ml
6) T n-Tetradecane (C14)	8.237	2559462	17.607 ug/ml
7) T n-Hexadecane (C16)	9.838	2540263	17.444 ug/ml
8) T n-Octadecane (C18)	11.281	2499007	17.289 ug/ml
10) T n-Eicosane (C20)	12.587	2413154	17.098 ug/ml
11) T n-Heneicosane (C21)	13.199	2372296	17.097 ug/ml
13) T n-Docosane (C22)	13.784	2301946	16.791 ug/ml
14) T n-Tetracosane (C24)	14.885	2276924	17.232 ug/ml
15) T n-Hexacosane (C26)	15.906	2276316	18.065 ug/ml
16) T n-Octacosane (C28)	16.853	2325440	19.281 ug/ml
17) T n-Tricontane (C30)	17.740	2589580	21.764 ug/ml
18) T n-Dotriacontane (C32)	18.571	2678877	22.737 ug/ml
19) T n-Tetratriacontane (C34)	19.352	2449040	21.678 ug/ml
20) T n-Hexatriacontane (C36)	20.091	2283257	20.133 ug/ml
21) T n-Octatriacontane (C38)	20.830	2138266	19.004 ug/ml
22) T n-Tetracontane (C40)	21.747	1976210	17.603 ug/ml

(f)=RT Delta > 1/2 Window

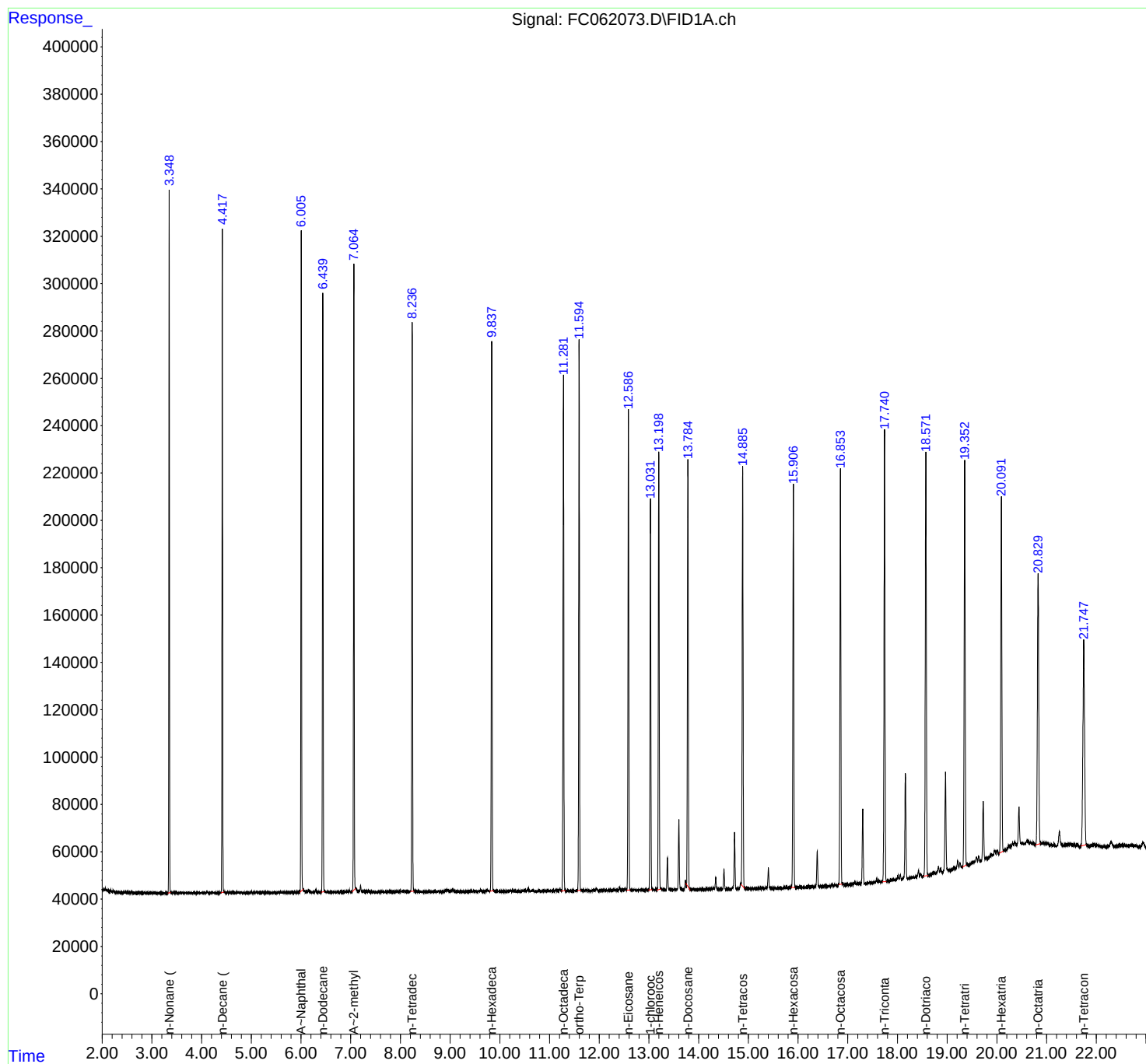
(m)=manual int.

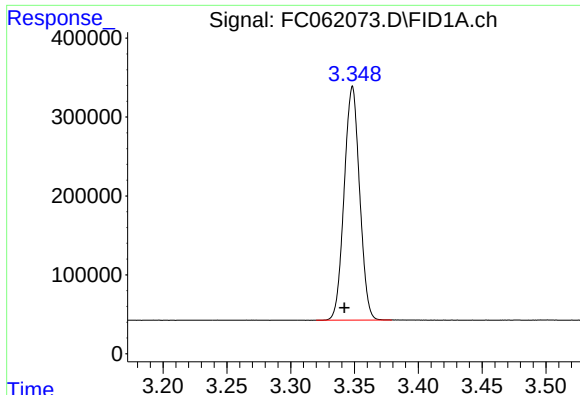
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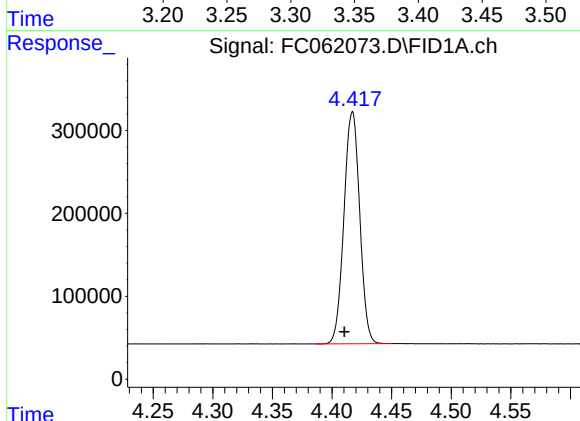




#1 n-Nonane (C9)

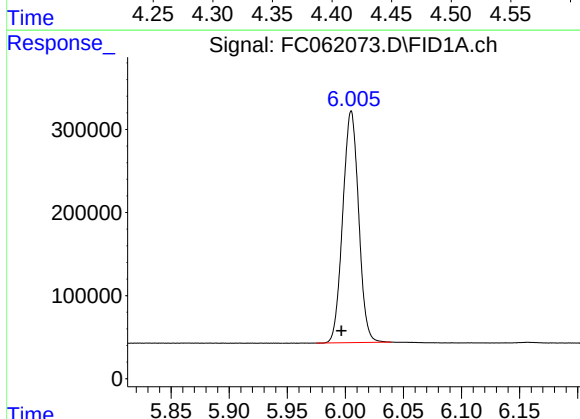
R.T.: 3.348 min
Delta R.T.: 0.006 min
Response: 2498775
Conc: 17.76 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



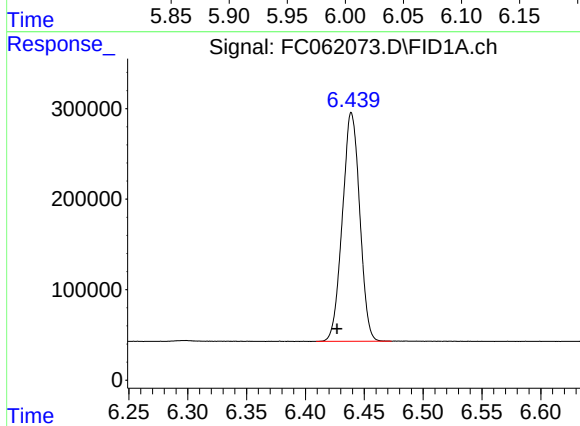
#2 n-Decane (C10)

R.T.: 4.417 min
Delta R.T.: 0.007 min
Response: 2579783
Conc: 18.07 ug/ml



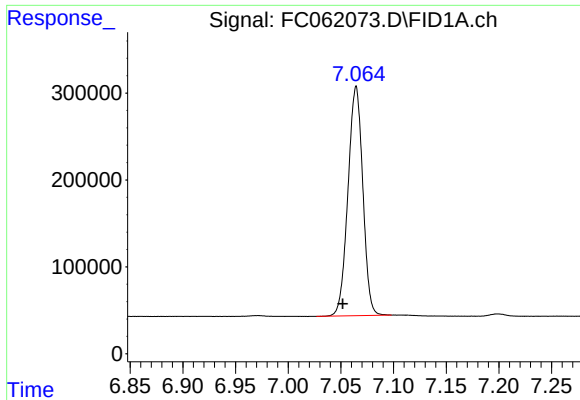
#3 A~Naphthalene (C11.7)

R.T.: 6.005 min
Delta R.T.: 0.009 min
Response: 2654804
Conc: 17.20 ug/ml



#4 n-Dodecane (C12)

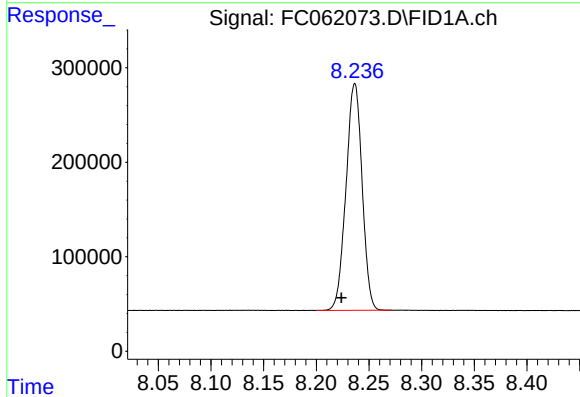
R.T.: 6.439 min
Delta R.T.: 0.012 min
Response: 2593455
Conc: 17.86 ug/ml



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

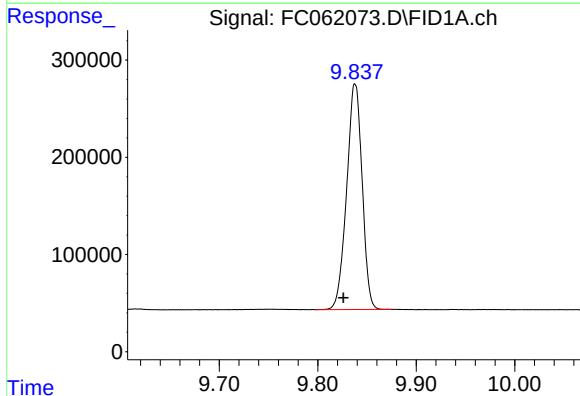
R.T.: 7.064 min
Delta R.T.: 0.013 min
Response: 2585604
Conc: 17.04 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



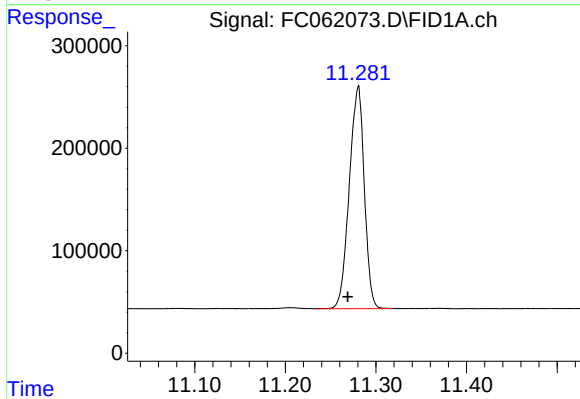
#6 n-Tetradecane (C14)

R.T.: 8.237 min
Delta R.T.: 0.013 min
Response: 2559462
Conc: 17.61 ug/ml



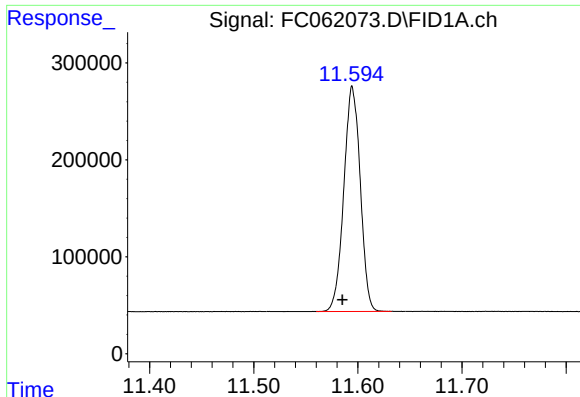
#7 n-Hexadecane (C16)

R.T.: 9.838 min
Delta R.T.: 0.012 min
Response: 2540263
Conc: 17.44 ug/ml



#8 n-Octadecane (C18)

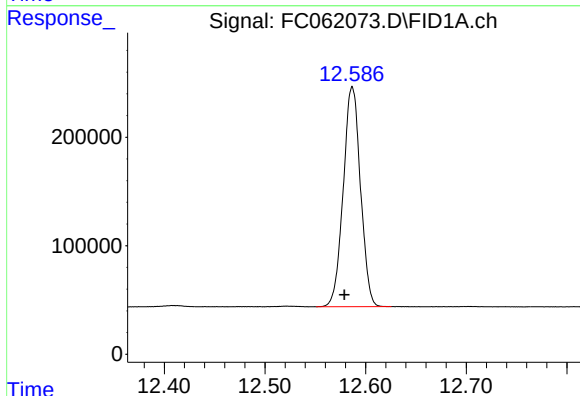
R.T.: 11.281 min
Delta R.T.: 0.012 min
Response: 2499007
Conc: 17.29 ug/ml



#9 ortho-Terphenyl (SURR)

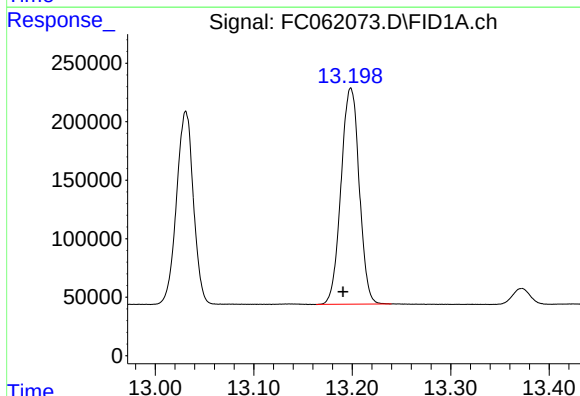
R.T.: 11.595 min
Delta R.T.: 0.009 min
Response: 2548598
Conc: 17.15 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



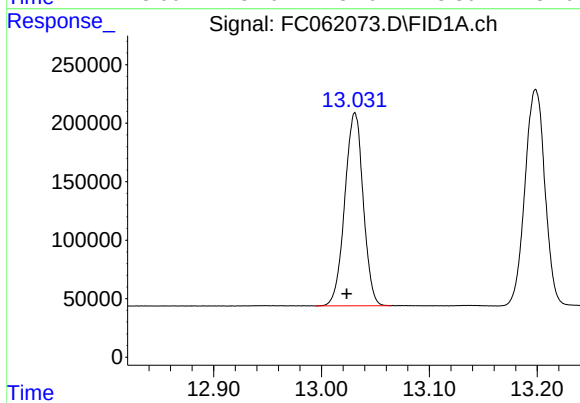
#10 n-Eicosane (C20)

R.T.: 12.587 min
Delta R.T.: 0.008 min
Response: 2413154
Conc: 17.10 ug/ml



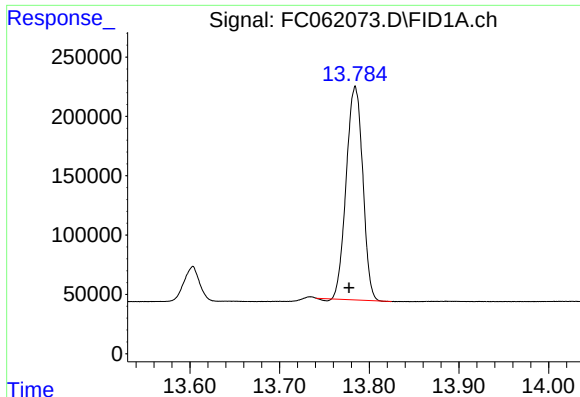
#11 n-Heneicosane (C21)

R.T.: 13.199 min
Delta R.T.: 0.008 min
Response: 2372296
Conc: 17.10 ug/ml



#12 1-chlorooctadecane (SURR)

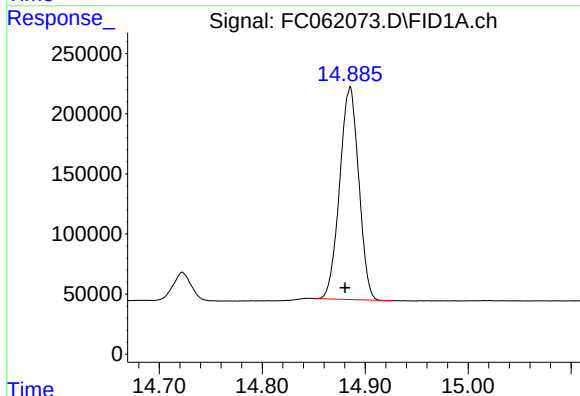
R.T.: 13.031 min
Delta R.T.: 0.008 min
Response: 1958756
Conc: 16.81 ug/ml



#13 n-Docosane (C22)

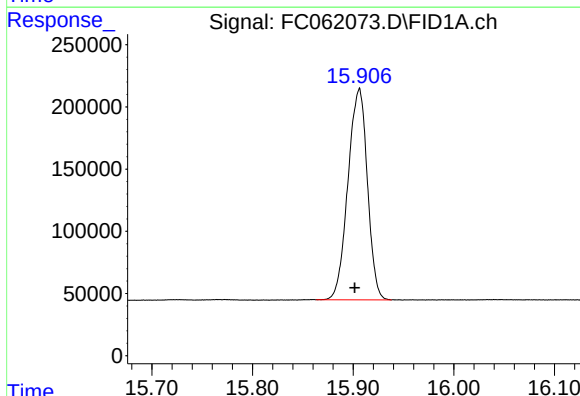
R.T.: 13.784 min
Delta R.T.: 0.007 min
Response: 2301946
Conc: 16.79 ug/ml

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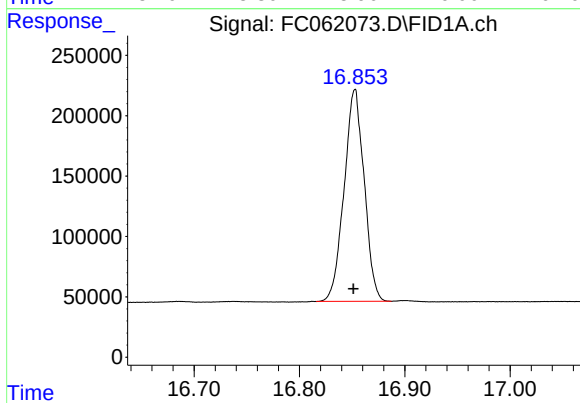
#14 n-Tetracosane (C24)

R.T.: 14.885 min
Delta R.T.: 0.005 min
Response: 2276924
Conc: 17.23 ug/ml



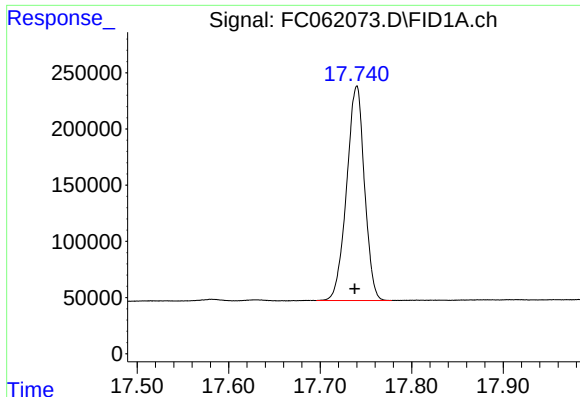
#15 n-Hexacosane (C26)

R.T.: 15.906 min
Delta R.T.: 0.005 min
Response: 2276316
Conc: 18.07 ug/ml



#16 n-Octacosane (C28)

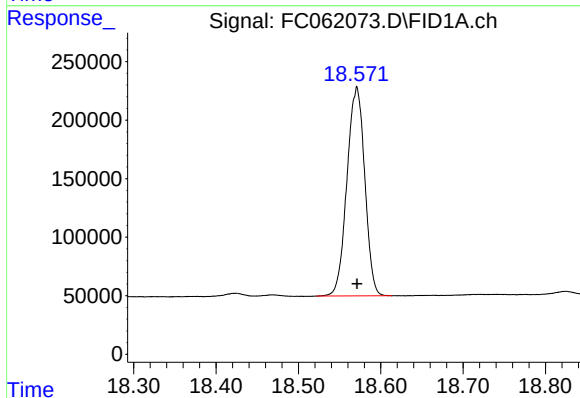
R.T.: 16.853 min
Delta R.T.: 0.001 min
Response: 2325440
Conc: 19.28 ug/ml



#17 n-Tricontane (C30)

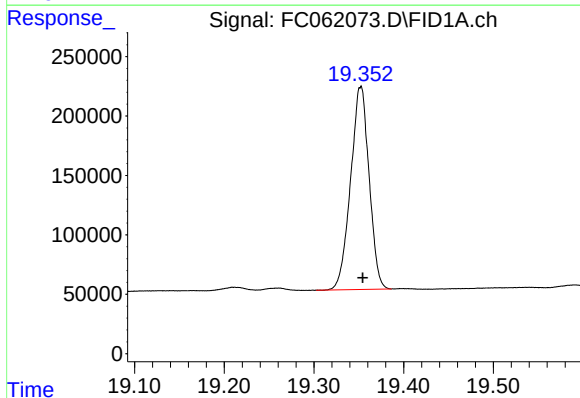
R.T.: 17.740 min
Delta R.T.: 0.002 min
Response: 2589580
Conc: 21.76 ug/ml

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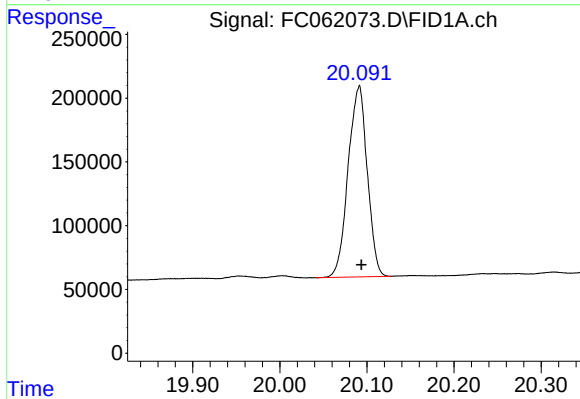
#18 n-Dotriacontane (C32)

R.T.: 18.571 min
Delta R.T.: 0.000 min
Response: 2678877
Conc: 22.74 ug/ml



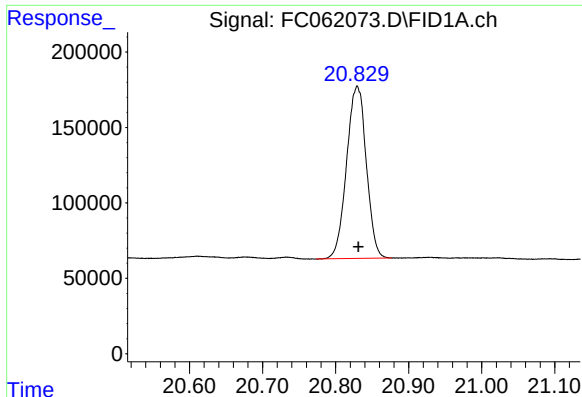
#19 n-Tetratriacontane (C34)

R.T.: 19.352 min
Delta R.T.: -0.002 min
Response: 2449040
Conc: 21.68 ug/ml



#20 n-Hexatriacontane (C36)

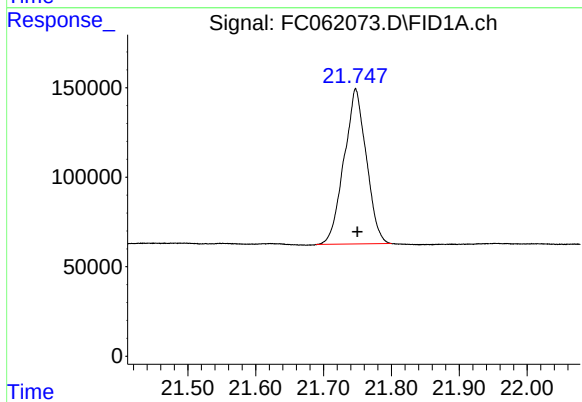
R.T.: 20.091 min
Delta R.T.: -0.002 min
Response: 2283257
Conc: 20.13 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.830 min
Delta R.T.: -0.002 min
Response: 2138266
Conc: 19.00 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.747 min
Delta R.T.: -0.002 min
Response: 1976210
Conc: 17.60 ug/ml