

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC072823AL\
 Data File : FC064276.D
 Signal(s) : FID1A.ch
 Acq On : 28 Jul 2023 09:58
 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: sample.E
 Quant Time: Jul 29 01:43:08 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 072323.M
 Quant Title : GC Extractables
 QLast Update : Mon Jul 24 01:54:49 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)	11.517	3809186	21.351 ug/ml
Spiked Amount 50.000		Recovery =	42.70%
12) S 1-chlorooctadecane (S...	12.950	2580831	20.465 ug/ml
Spiked Amount 50.000		Recovery =	40.93%
Target Compounds			
1) T n-Nonane (C9)	3.307	3465806	21.360 ug/ml
2) T n-Decane (C10)	4.369	3527195	21.570 ug/ml
3) T A~Naphthalene (C11.7)	5.949	3539058	21.806 ug/ml
4) T n-Dodecane (C12)	6.380	3525916	21.598 ug/ml
5) T A~2-methylnaphthalene...	7.003	3281599	21.537 ug/ml
6) T n-Tetradecane (C14)	8.170	3386218	21.567 ug/ml
7) T n-Hexadecane (C16)	9.766	3371647	21.443 ug/ml
8) T n-Octadecane (C18)	11.203	3384089	21.359 ug/ml
10) T n-Eicosane (C20)	12.507	3171796	21.253 ug/ml
11) T n-Heneicosane (C21)	13.118	3094523	21.203 ug/ml
13) T n-Docosane (C22)	13.701	3078385	21.569 ug/ml
14) T n-Tetracosane (C24)	14.800	3049149	21.708 ug/ml
15) T n-Hexacosane (C26)	15.817	2998239	21.834 ug/ml
16) T n-Octacosane (C28)	16.762	2972028	22.163 ug/ml
17) T n-Tricontane (C30)	17.647	3046297	21.947 ug/ml
18) T n-Dotriacontane (C32)	18.475	3010152	21.391 ug/ml
19) T n-Tetratriacontane (C34)	19.256	2870663	20.676 ug/ml
20) T n-Hexatriacontane (C36)	19.993	2716347	20.019 ug/ml
21) T n-Octatriacontane (C38)	20.714	2582088	19.037 ug/ml
22) T n-Tetracontane (C40)	21.598	2323854	17.300 ug/ml

(f)=RT Delta > 1/2 Window

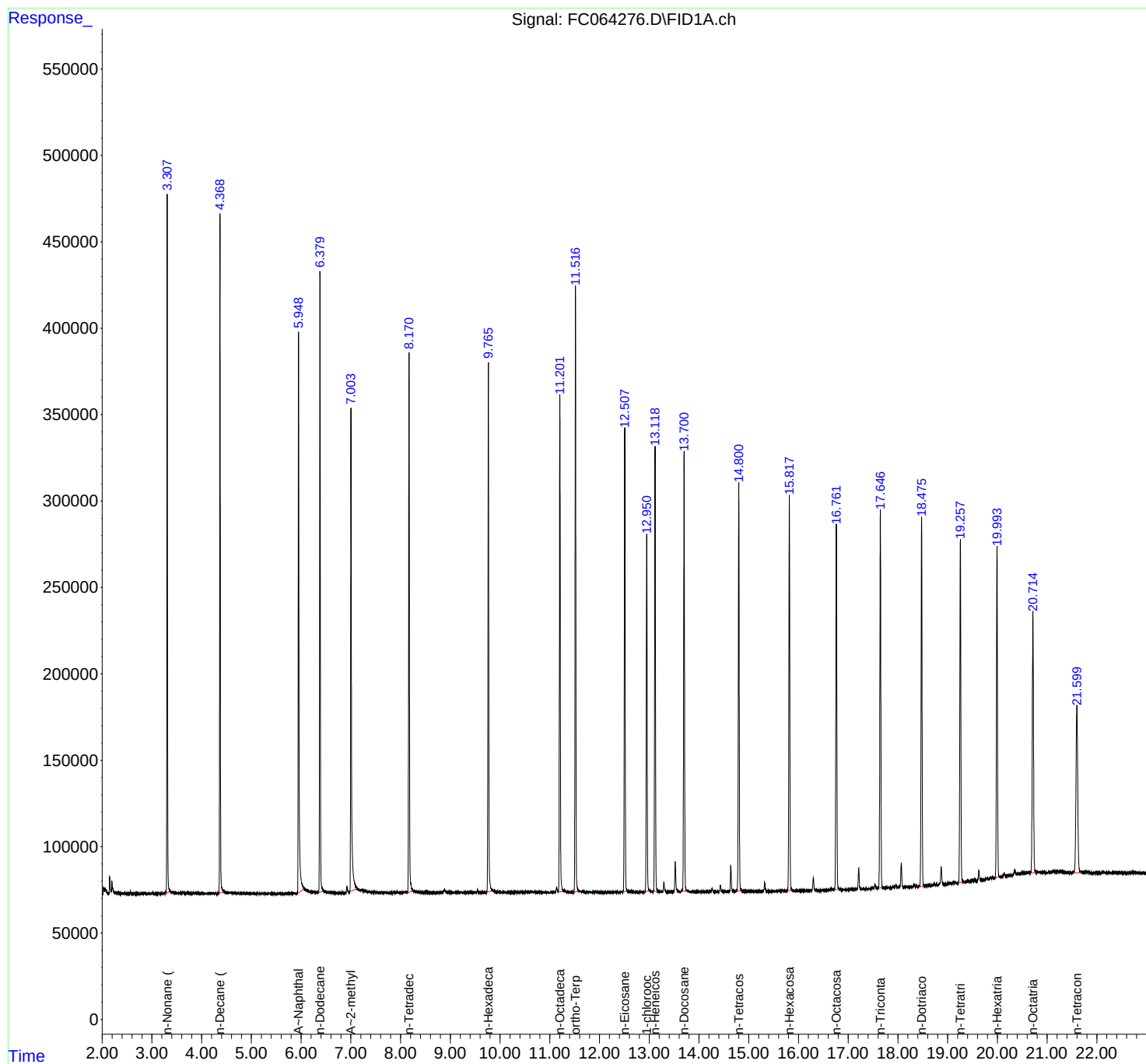
(m)=manual int.

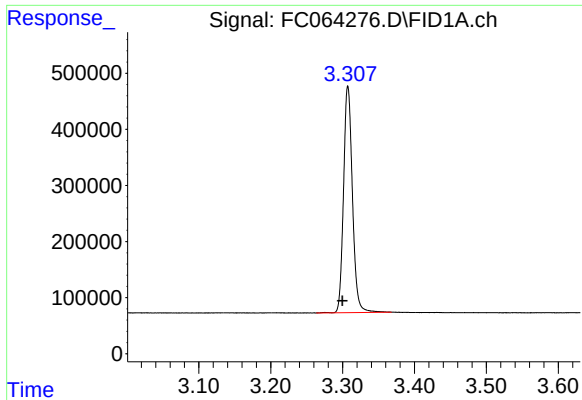
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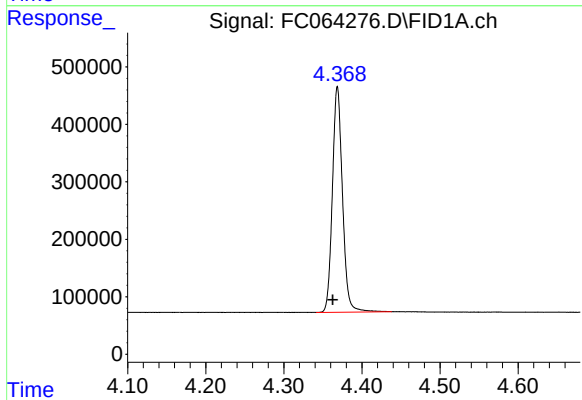




#1 n-Nonane (C9)

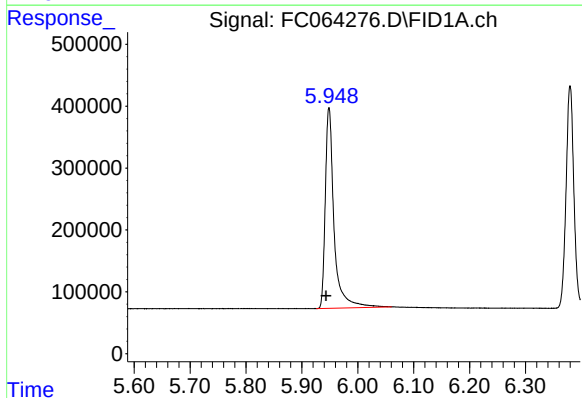
R.T.: 3.307 min
Delta R.T.: 0.007 min
Response: 3465806
Conc: 21.36 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



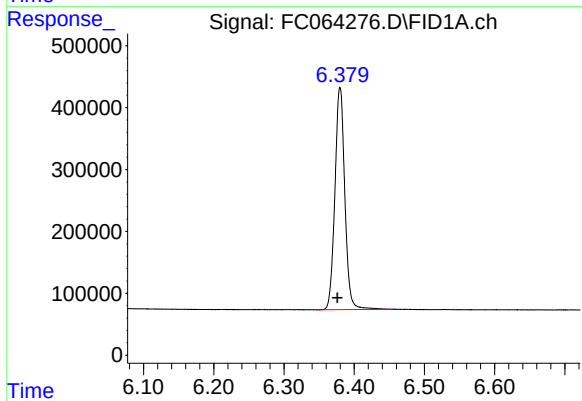
#2 n-Decane (C10)

R.T.: 4.369 min
Delta R.T.: 0.006 min
Response: 3527195
Conc: 21.57 ug/ml



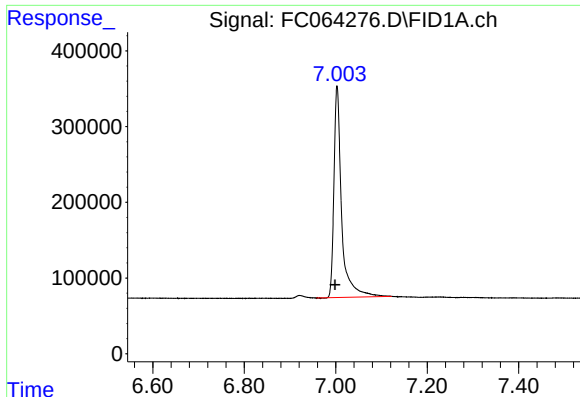
#3 A~Naphthalene (C11.7)

R.T.: 5.949 min
Delta R.T.: 0.005 min
Response: 3539058
Conc: 21.81 ug/ml



#4 n-Dodecane (C12)

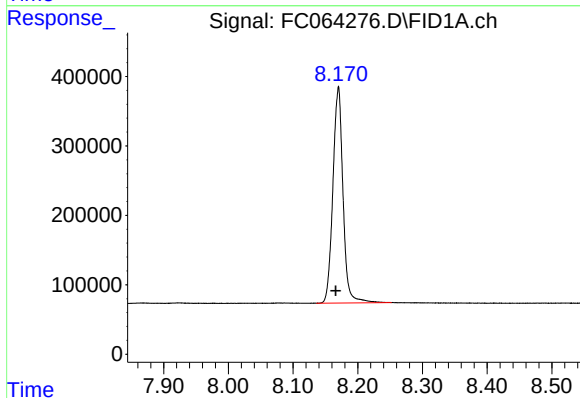
R.T.: 6.380 min
Delta R.T.: 0.004 min
Response: 3525916
Conc: 21.60 ug/ml



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

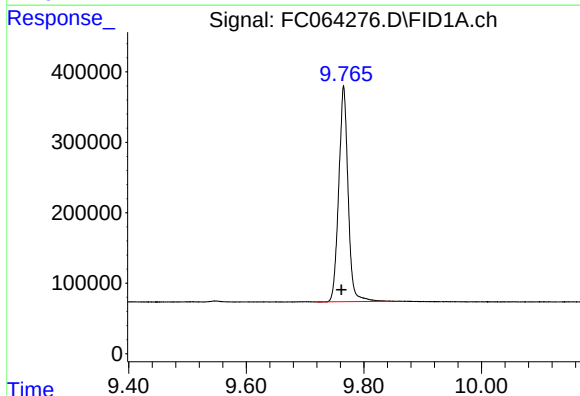
R.T.: 7.003 min
Delta R.T.: 0.005 min
Response: 3281599
Conc: 21.54 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



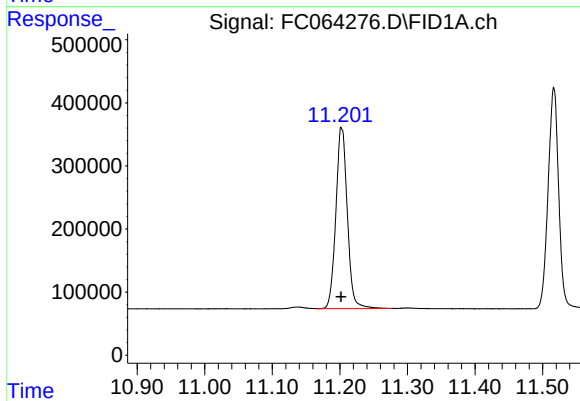
#6 n-Tetradecane (C14)

R.T.: 8.170 min
Delta R.T.: 0.004 min
Response: 3386218
Conc: 21.57 ug/ml



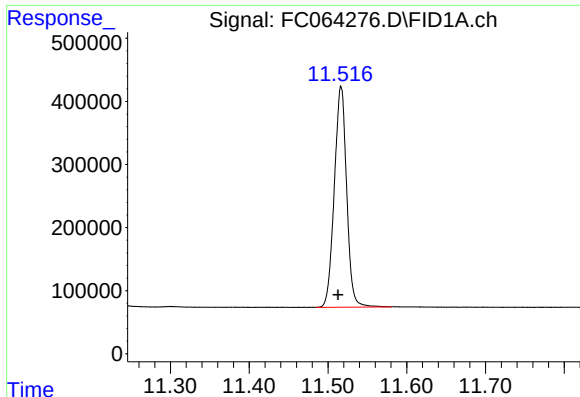
#7 n-Hexadecane (C16)

R.T.: 9.766 min
Delta R.T.: 0.004 min
Response: 3371647
Conc: 21.44 ug/ml



#8 n-Octadecane (C18)

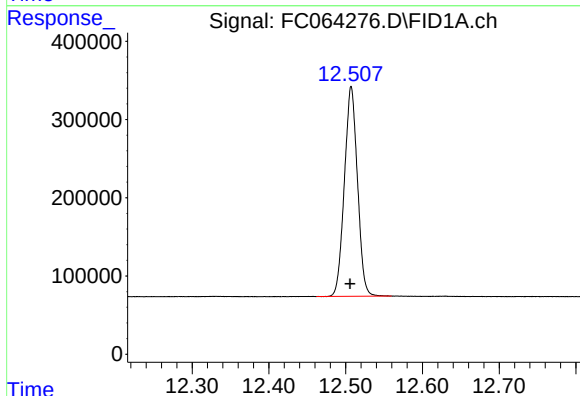
R.T.: 11.203 min
Delta R.T.: 0.000 min
Response: 3384089
Conc: 21.36 ug/ml



#9 ortho-Terphenyl (SURR)

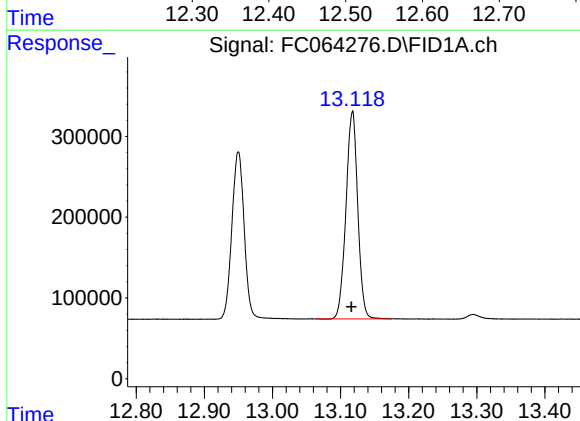
R.T.: 11.517 min
Delta R.T.: 0.004 min
Response: 3809186
Conc: 21.35 ug/ml

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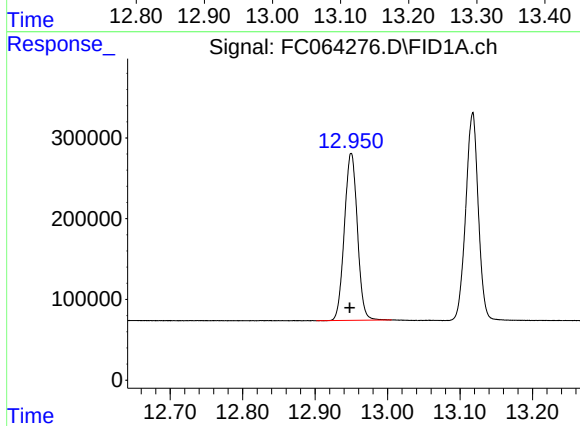
#10 n-Eicosane (C20)

R.T.: 12.507 min
Delta R.T.: 0.002 min
Response: 3171796
Conc: 21.25 ug/ml



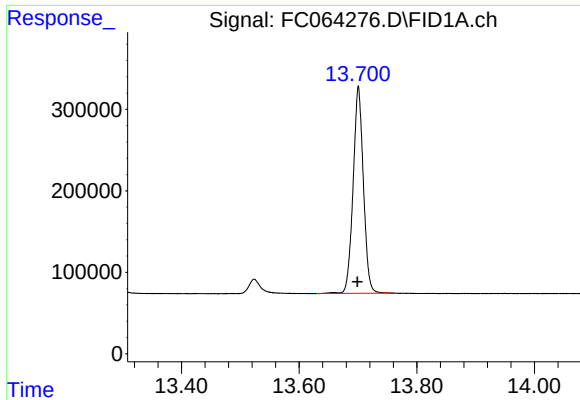
#11 n-Heneicosane (C21)

R.T.: 13.118 min
Delta R.T.: 0.002 min
Response: 3094523
Conc: 21.20 ug/ml



#12 1-chlorooctadecane (SURR)

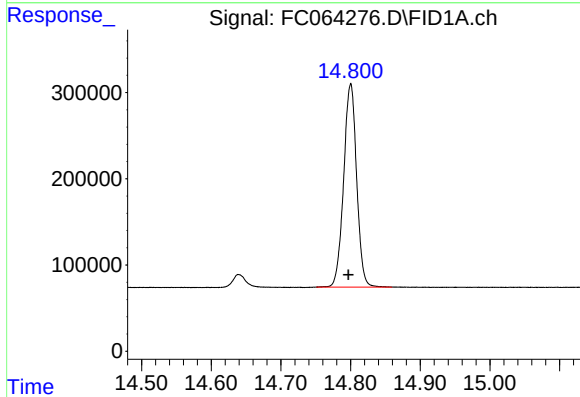
R.T.: 12.950 min
Delta R.T.: 0.002 min
Response: 2580831
Conc: 20.46 ug/ml



#13 n-Docosane (C22)

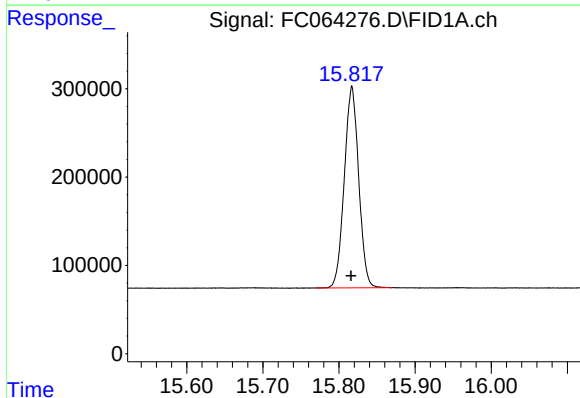
R.T.: 13.701 min
Delta R.T.: 0.001 min
Response: 3078385
Conc: 21.57 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



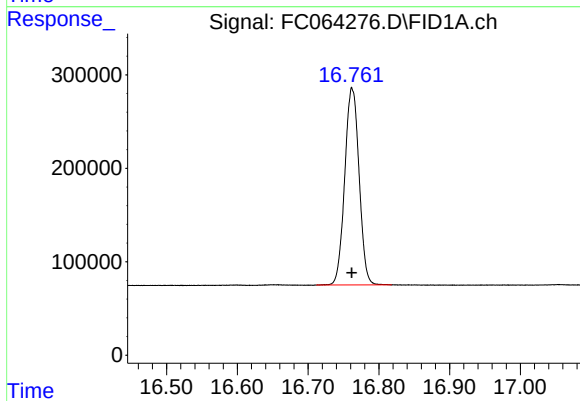
#14 n-Tetracosane (C24)

R.T.: 14.800 min
Delta R.T.: 0.003 min
Response: 3049149
Conc: 21.71 ug/ml



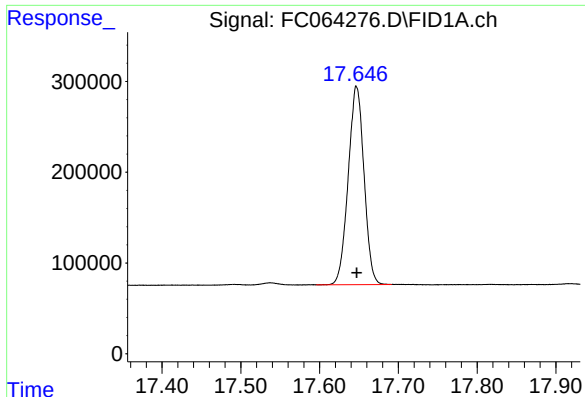
#15 n-Hexacosane (C26)

R.T.: 15.817 min
Delta R.T.: 0.001 min
Response: 2998239
Conc: 21.83 ug/ml



#16 n-Octacosane (C28)

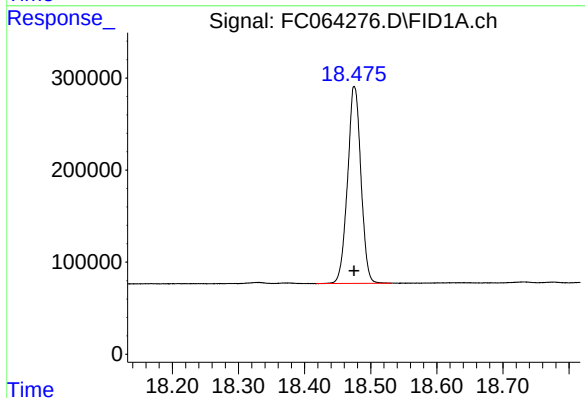
R.T.: 16.762 min
Delta R.T.: 0.000 min
Response: 2972028
Conc: 22.16 ug/ml



#17 n-Tricontane (C30)

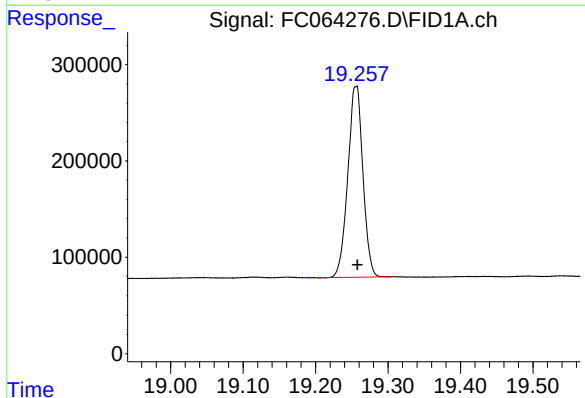
R.T.: 17.647 min
Delta R.T.: 0.000 min
Response: 3046297
Conc: 21.95 ug/ml

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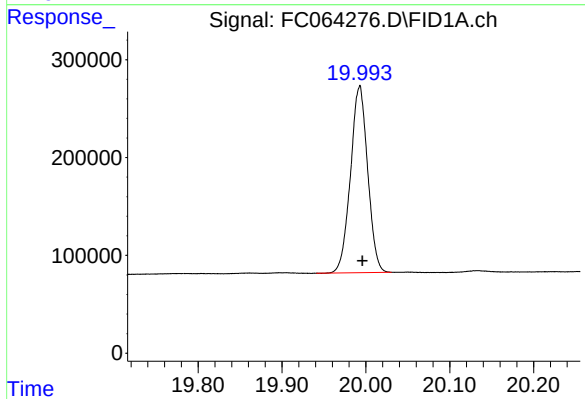
#18 n-Dotriacontane (C32)

R.T.: 18.475 min
Delta R.T.: 0.000 min
Response: 3010152
Conc: 21.39 ug/ml



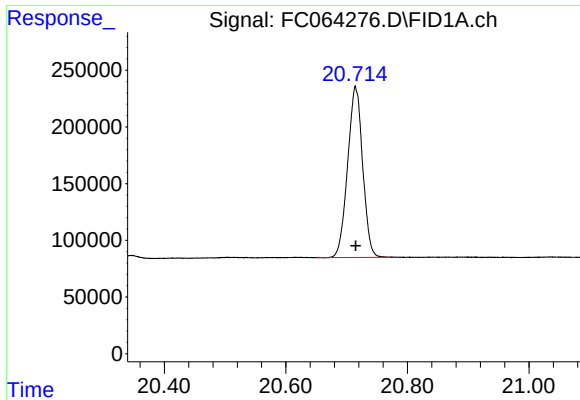
#19 n-Tetratriacontane (C34)

R.T.: 19.256 min
Delta R.T.: -0.002 min
Response: 2870663
Conc: 20.68 ug/ml



#20 n-Hexatriacontane (C36)

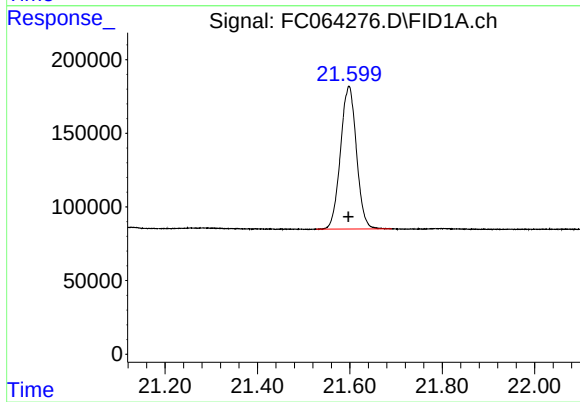
R.T.: 19.993 min
Delta R.T.: -0.003 min
Response: 2716347
Conc: 20.02 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.714 min
Delta R.T.: 0.000 min
Response: 2582088
Conc: 19.04 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.598 min
Delta R.T.: 0.001 min
Response: 2323854
Conc: 17.30 ug/ml