

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC072423AL\
 Data File : FC064258.D
 Signal(s) : FID1A.ch
 Acq On : 24 Jul 2023 19:52
 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: Jul 25 03:30:30 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)	11.513	3543258	19.861 ug/ml
Spiked Amount 50.000		Recovery =	39.72%
12) S 1-chlorooctadecane (S...	12.948	2488416	19.732 ug/ml
Spiked Amount 50.000		Recovery =	39.46%
Target Compounds			
1) T n-Nonane (C9)	3.303	3310672	20.404 ug/ml
2) T n-Decane (C10)	4.365	3339417	20.422 ug/ml
3) T A~Naphthalene (C11.7)	5.945	3351914	20.653 ug/ml
4) T n-Dodecane (C12)	6.378	3337955	20.447 ug/ml
5) T A~2-methylnaphthalene...	7.000	3135644	20.579 ug/ml
6) T n-Tetradecane (C14)	8.167	3180866	20.259 ug/ml
7) T n-Hexadecane (C16)	9.763	3160384	20.100 ug/ml
8) T n-Octadecane (C18)	11.201	3150036	19.882 ug/ml
10) T n-Eicosane (C20)	12.504	2963479	19.857 ug/ml
11) T n-Heneicosane (C21)	13.116	2893818	19.827 ug/ml
13) T n-Docosane (C22)	13.699	2846382	19.943 ug/ml
14) T n-Tetracosane (C24)	14.798	2809397	20.001 ug/ml
15) T n-Hexacosane (C26)	15.815	2755303	20.065 ug/ml
16) T n-Octacosane (C28)	16.762	2703112	20.158 ug/ml
17) T n-Tricontane (C30)	17.645	2756544	19.860 ug/ml
18) T n-Dotriacontane (C32)	18.474	2743562	19.496 ug/ml
19) T n-Tetratriacontane (C34)	19.256	2728608	19.653 ug/ml
20) T n-Hexatriacontane (C36)	19.990	2679584	19.748 ug/ml
21) T n-Octatriacontane (C38)	20.711	2661166	19.620 ug/ml
22) T n-Tetracontane (C40)	21.596	2597168	19.335 ug/ml

(f)=RT Delta > 1/2 Window

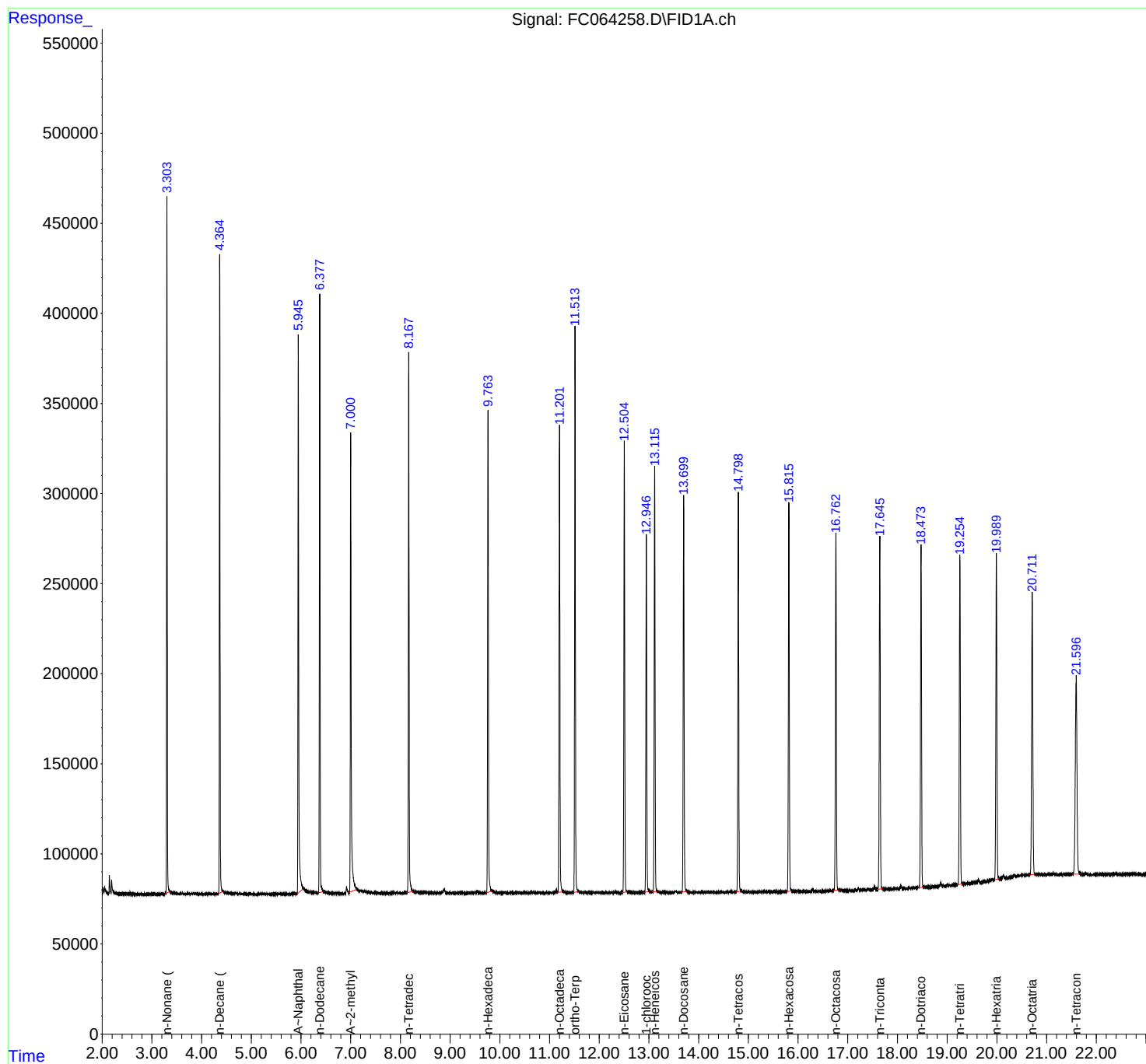
(m)=manual int.

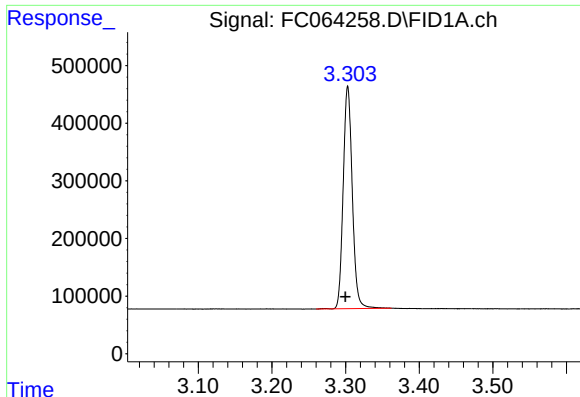
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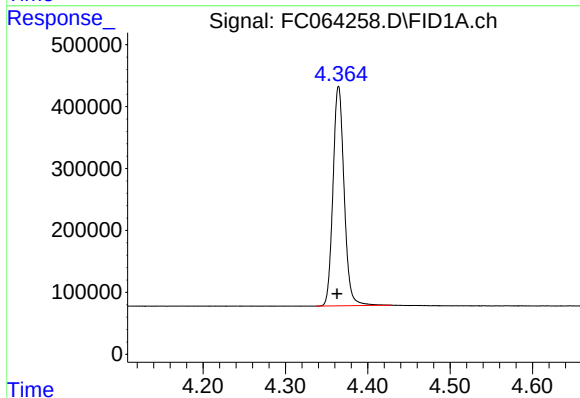




#1 n-Nonane (C9)

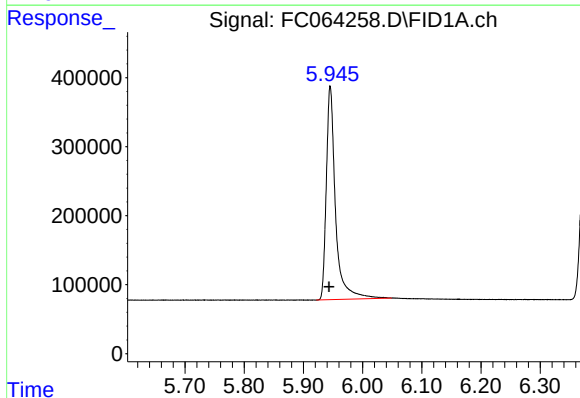
R.T.: 3.303 min
Delta R.T.: 0.003 min
Response: 3310672
Conc: 20.40 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



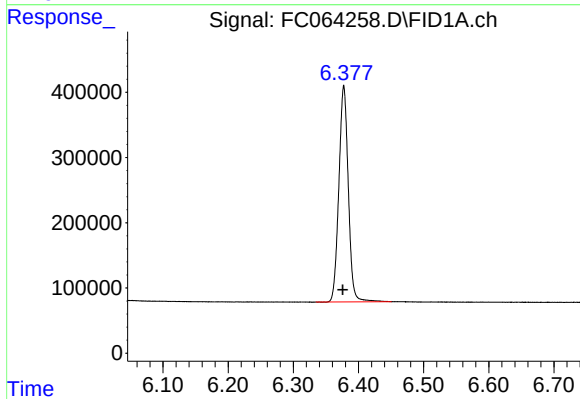
#2 n-Decane (C10)

R.T.: 4.365 min
Delta R.T.: 0.002 min
Response: 3339417
Conc: 20.42 ug/ml



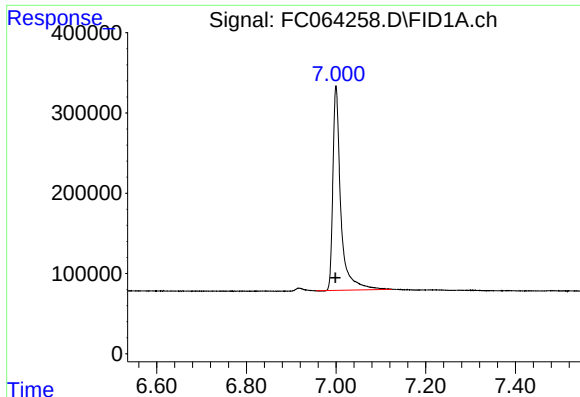
#3 A~Naphthalene (C11.7)

R.T.: 5.945 min
Delta R.T.: 0.002 min
Response: 3351914
Conc: 20.65 ug/ml



#4 n-Dodecane (C12)

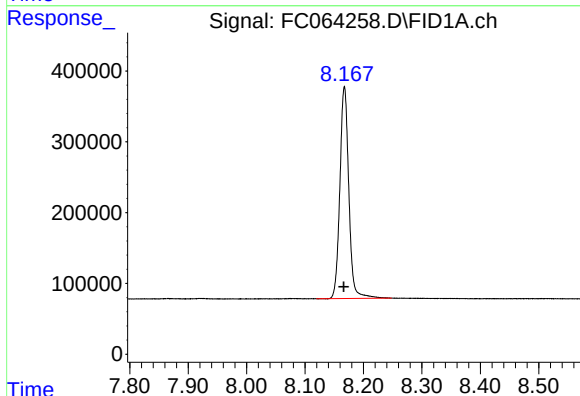
R.T.: 6.378 min
Delta R.T.: 0.002 min
Response: 3337955
Conc: 20.45 ug/ml



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

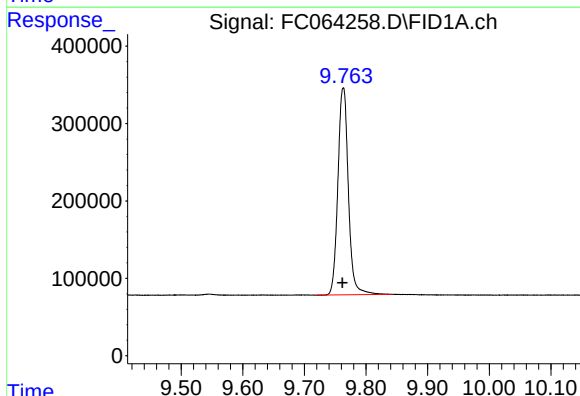
R.T.: 7.000 min
Delta R.T.: 0.002 min
Response: 3135644
Conc: 20.58 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



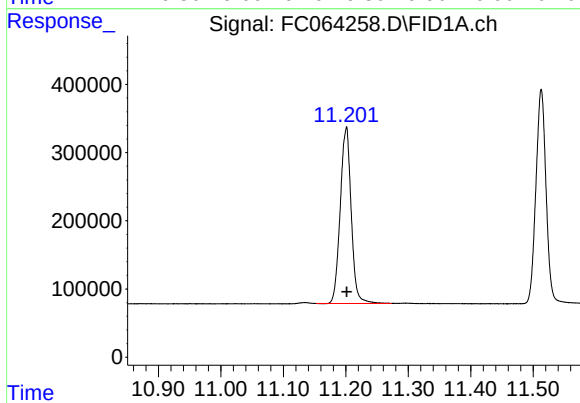
#6 n-Tetradecane (C14)

R.T.: 8.167 min
Delta R.T.: 0.001 min
Response: 3180866
Conc: 20.26 ug/ml



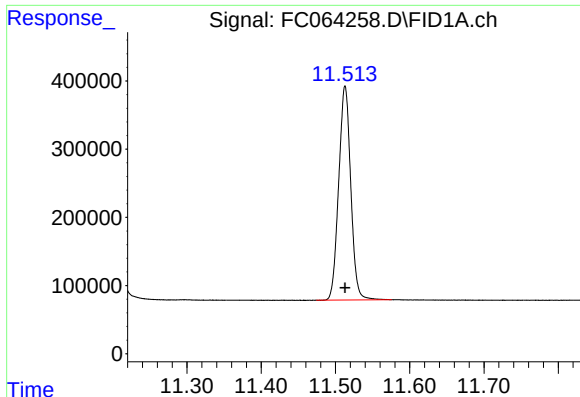
#7 n-Hexadecane (C16)

R.T.: 9.763 min
Delta R.T.: 0.001 min
Response: 3160384
Conc: 20.10 ug/ml



#8 n-Octadecane (C18)

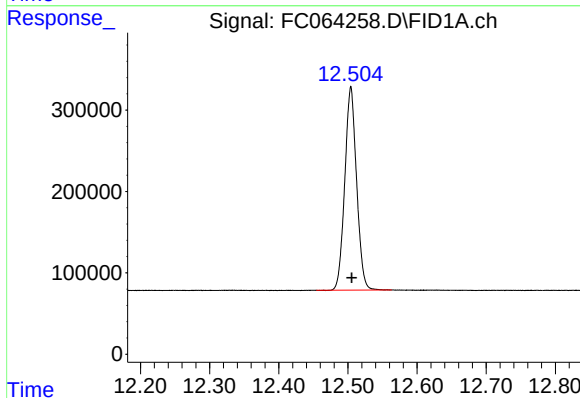
R.T.: 11.201 min
Delta R.T.: 0.000 min
Response: 3150036
Conc: 19.88 ug/ml



#9 ortho-Terphenyl (SURR)

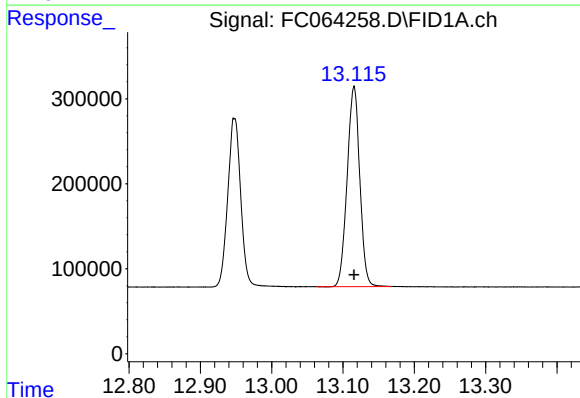
R.T.: 11.513 min
Delta R.T.: 0.000 min
Response: 3543258
Conc: 19.86 ug/ml

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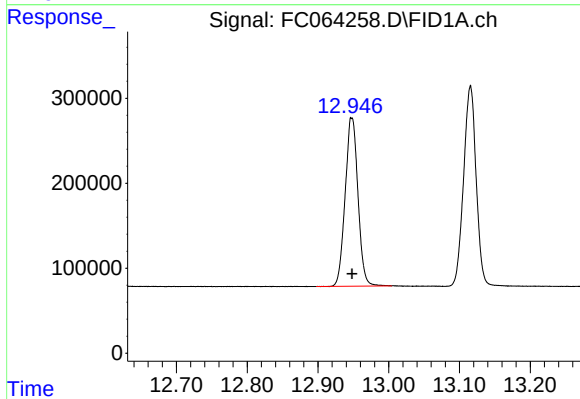
#10 n-Eicosane (C20)

R.T.: 12.504 min
Delta R.T.: -0.001 min
Response: 2963479
Conc: 19.86 ug/ml



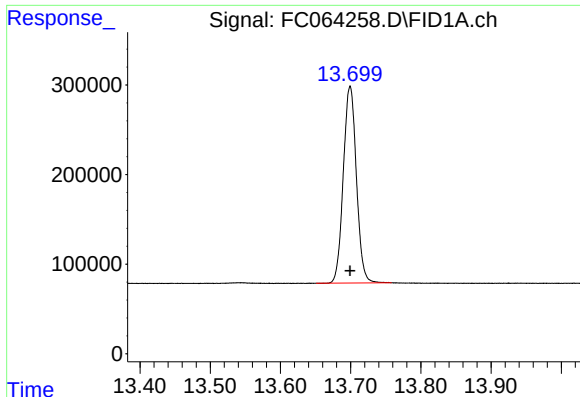
#11 n-Heneicosane (C21)

R.T.: 13.116 min
Delta R.T.: 0.000 min
Response: 2893818
Conc: 19.83 ug/ml



#12 1-chlorooctadecane (SURR)

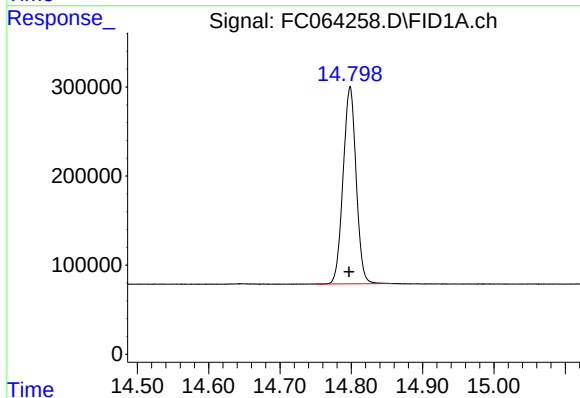
R.T.: 12.948 min
Delta R.T.: 0.000 min
Response: 2488416
Conc: 19.73 ug/ml



#13 n-Docosane (C22)

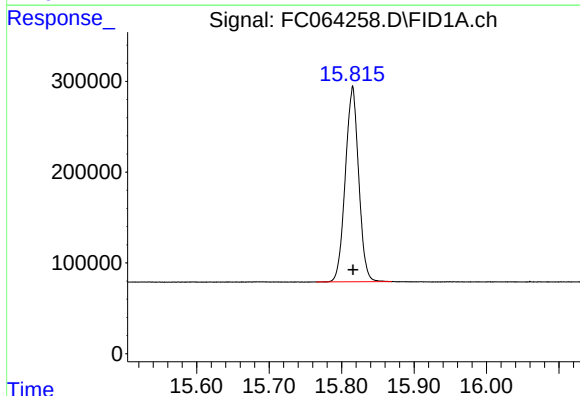
R.T.: 13.699 min
Delta R.T.: 0.000 min
Response: 2846382
Conc: 19.94 ug/ml

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20 PPM ALIPHATIC HC STD



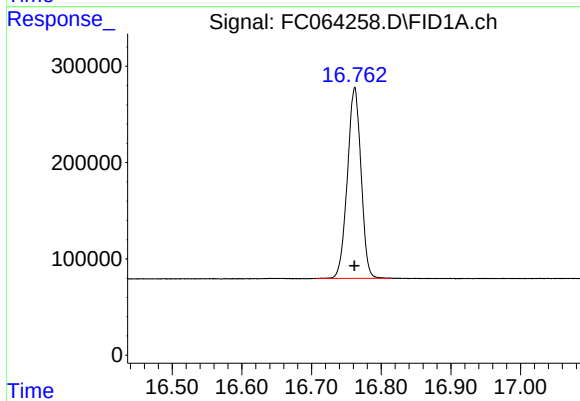
#14 n-Tetracosane (C24)

R.T.: 14.798 min
Delta R.T.: 0.002 min
Response: 2809397
Conc: 20.00 ug/ml



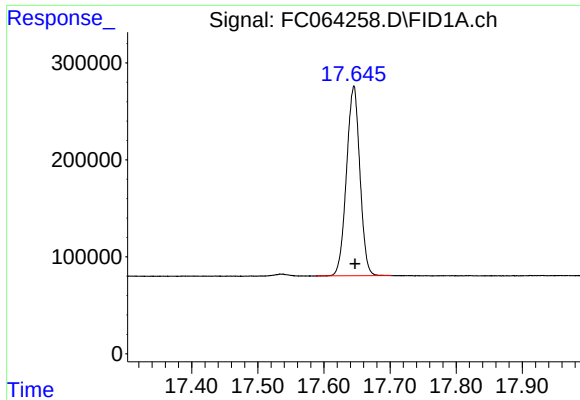
#15 n-Hexacosane (C26)

R.T.: 15.815 min
Delta R.T.: 0.000 min
Response: 2755303
Conc: 20.07 ug/ml



#16 n-Octacosane (C28)

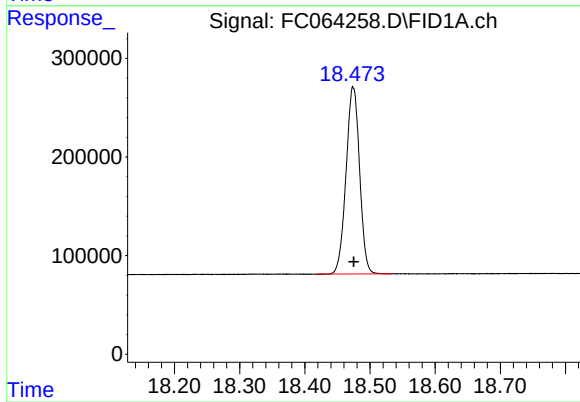
R.T.: 16.762 min
Delta R.T.: 0.000 min
Response: 2703112
Conc: 20.16 ug/ml



#17 n-Tricontane (C30)

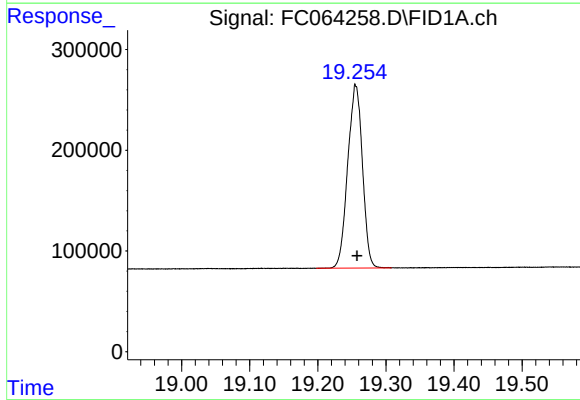
R.T.: 17.645 min
Delta R.T.: -0.002 min
Response: 2756544
Conc: 19.86 ug/ml

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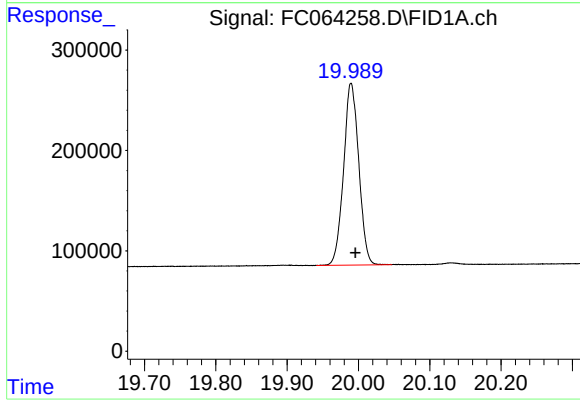
#18 n-Dotriacontane (C32)

R.T.: 18.474 min
Delta R.T.: -0.001 min
Response: 2743562
Conc: 19.50 ug/ml



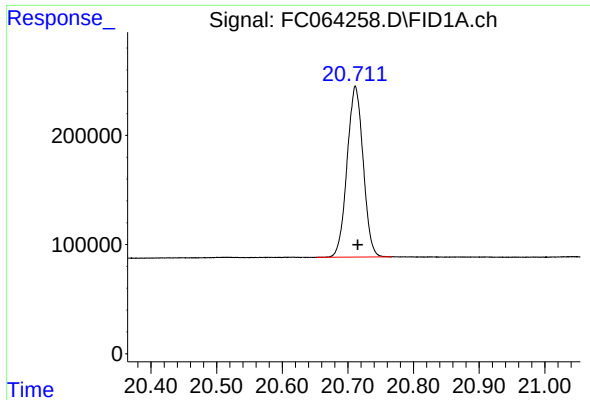
#19 n-Tetratriacontane (C34)

R.T.: 19.256 min
Delta R.T.: -0.002 min
Response: 2728608
Conc: 19.65 ug/ml



#20 n-Hexatriacontane (C36)

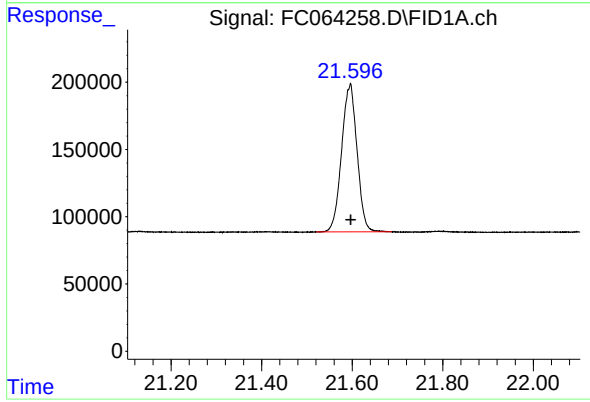
R.T.: 19.990 min
Delta R.T.: -0.006 min
Response: 2679584
Conc: 19.75 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.711 min
Delta R.T.: -0.004 min
Response: 2661166
Conc: 19.62 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.596 min
Delta R.T.: 0.000 min
Response: 2597168
Conc: 19.33 ug/ml