

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC072523AL\
 Data File : FC064273.D
 Signal(s) : FID1A.ch
 Acq On : 25 Jul 2023 20:15
 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 26 04:51:54 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)	11.516	3726609	20.888 ug/ml
Spiked Amount 50.000		Recovery =	41.78%
12) S 1-chlorooctadecane (S...	12.950	2616061	20.744 ug/ml
Spiked Amount 50.000		Recovery =	41.49%
Target Compounds			
1) T n-Nonane (C9)	3.308	3411238	21.023 ug/ml
2) T n-Decane (C10)	4.369	3447063	21.080 ug/ml
3) T A~Naphthalene (C11.7)	5.949	3467026	21.362 ug/ml
4) T n-Dodecane (C12)	6.381	3446989	21.114 ug/ml
5) T A~2-methylnaphthalene...	7.003	3285976	21.566 ug/ml
6) T n-Tetradecane (C14)	8.170	3322138	21.159 ug/ml
7) T n-Hexadecane (C16)	9.765	3325997	21.153 ug/ml
8) T n-Octadecane (C18)	11.202	3324282	20.982 ug/ml
10) T n-Eicosane (C20)	12.506	3114456	20.868 ug/ml
11) T n-Heneicosane (C21)	13.117	3038785	20.821 ug/ml
13) T n-Docosane (C22)	13.701	2983687	20.905 ug/ml
14) T n-Tetracosane (C24)	14.800	2919272	20.783 ug/ml
15) T n-Hexacosane (C26)	15.816	2854525	20.788 ug/ml
16) T n-Octacosane (C28)	16.763	2799489	20.877 ug/ml
17) T n-Tricontane (C30)	17.646	2857163	20.585 ug/ml
18) T n-Dotriacontane (C32)	18.476	2843637	20.208 ug/ml
19) T n-Tetratriacontane (C34)	19.259	2813766	20.266 ug/ml
20) T n-Hexatriacontane (C36)	19.993	2747667	20.250 ug/ml
21) T n-Octatriacontane (C38)	20.714	2738231	20.188 ug/ml
22) T n-Tetracontane (C40)	21.597	2663125	19.826 ug/ml

(f)=RT Delta > 1/2 Window

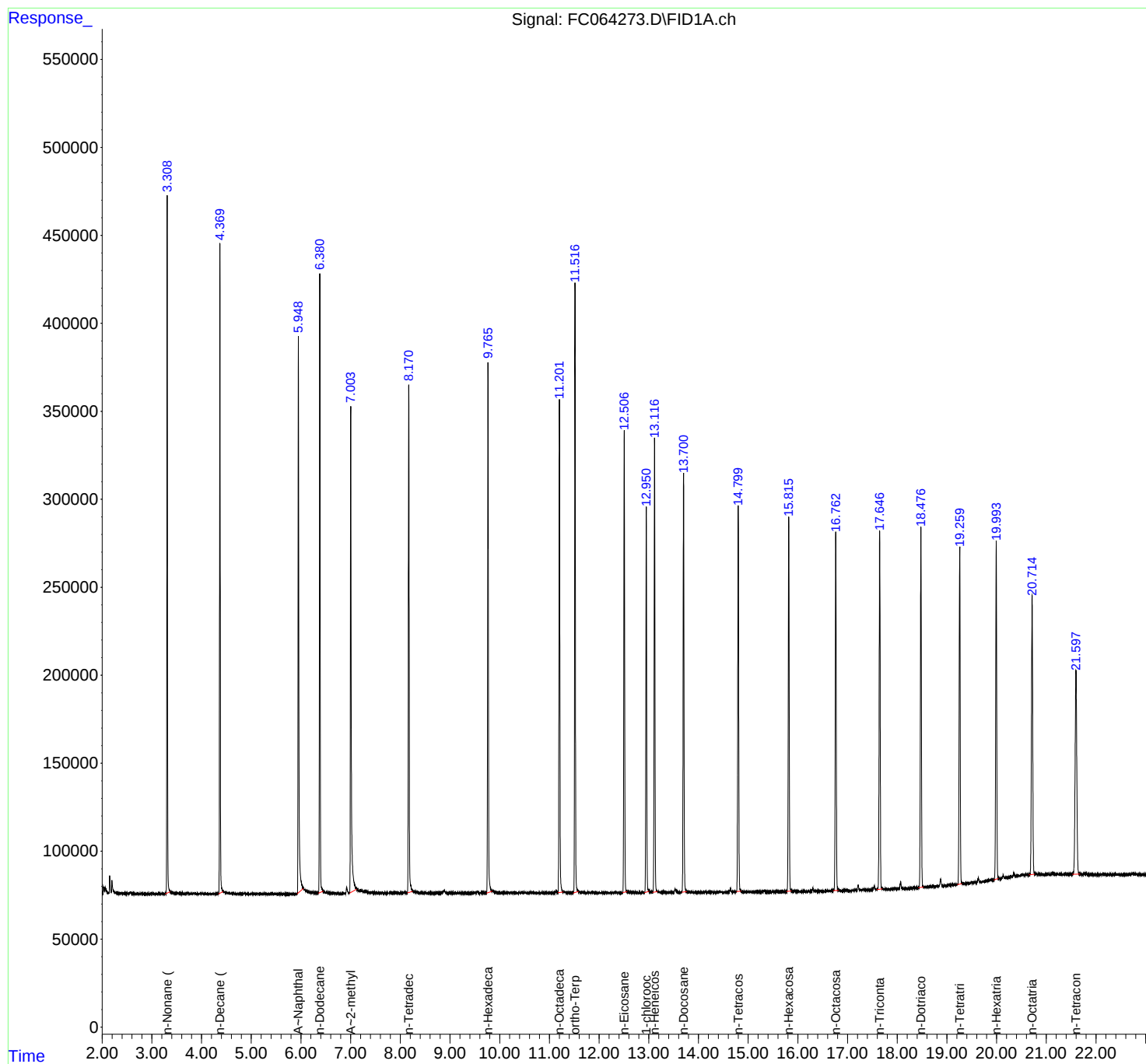
(m)=manual int.

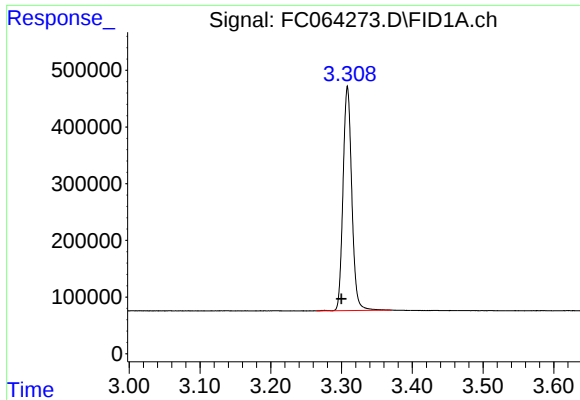
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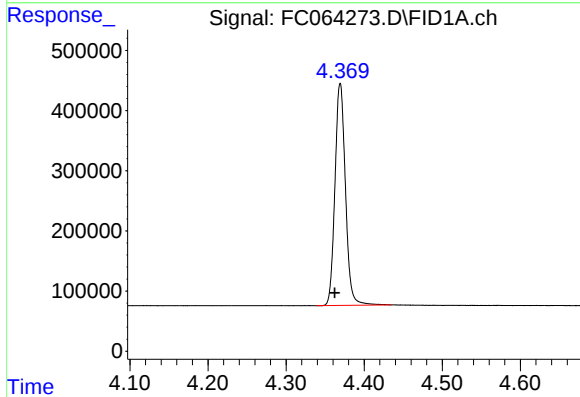




#1 n-Nonane (C9)

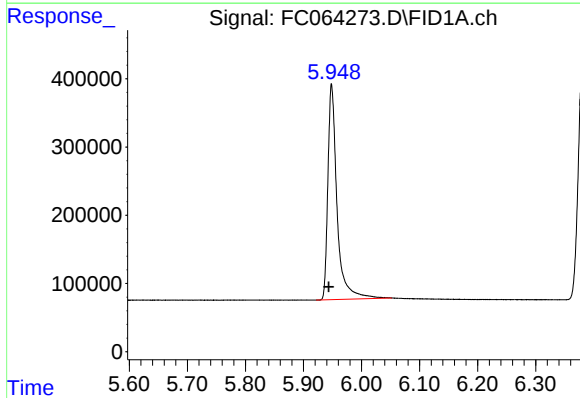
R.T.: 3.308 min
Delta R.T.: 0.008 min
Response: 3411238
Conc: 21.02 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



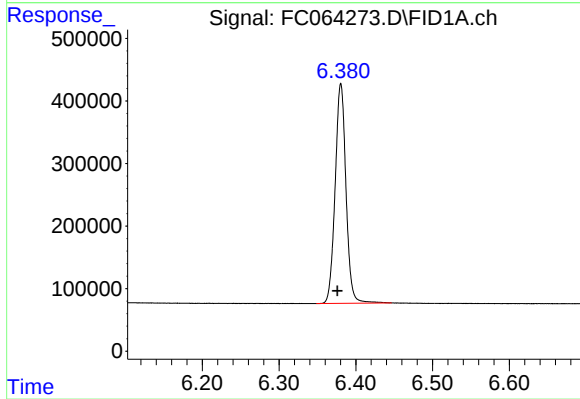
#2 n-Decane (C10)

R.T.: 4.369 min
Delta R.T.: 0.007 min
Response: 3447063
Conc: 21.08 ug/ml



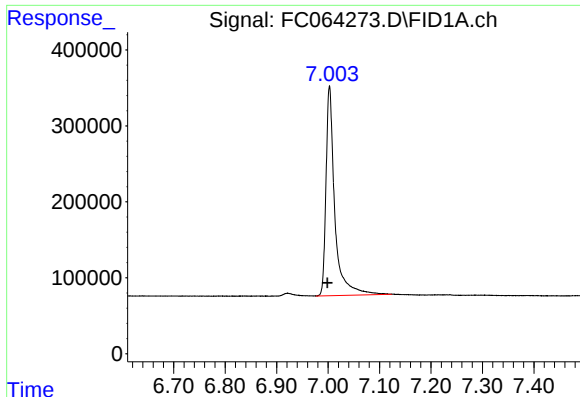
#3 A~Naphthalene (C11.7)

R.T.: 5.949 min
Delta R.T.: 0.005 min
Response: 3467026
Conc: 21.36 ug/ml



#4 n-Dodecane (C12)

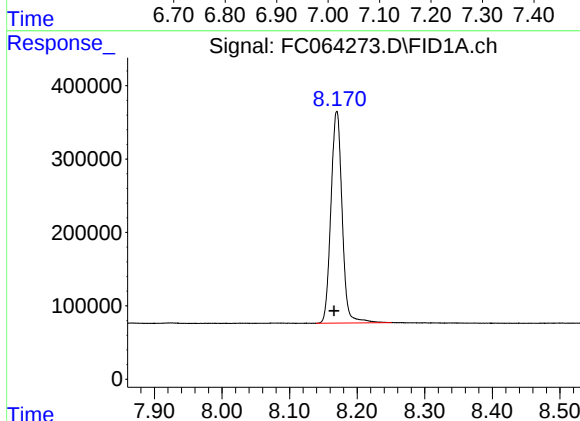
R.T.: 6.381 min
Delta R.T.: 0.005 min
Response: 3446989
Conc: 21.11 ug/ml



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

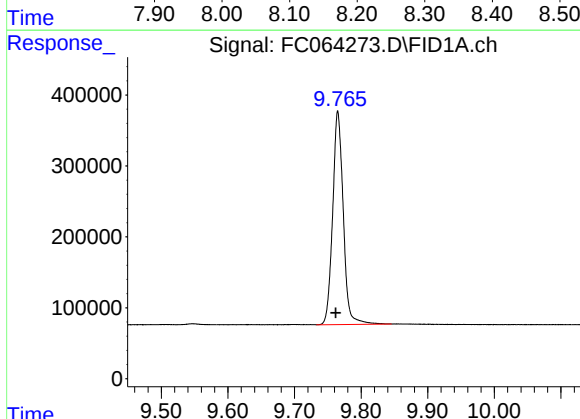
R.T.: 7.003 min
Delta R.T.: 0.004 min
Response: 3285976
Conc: 21.57 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



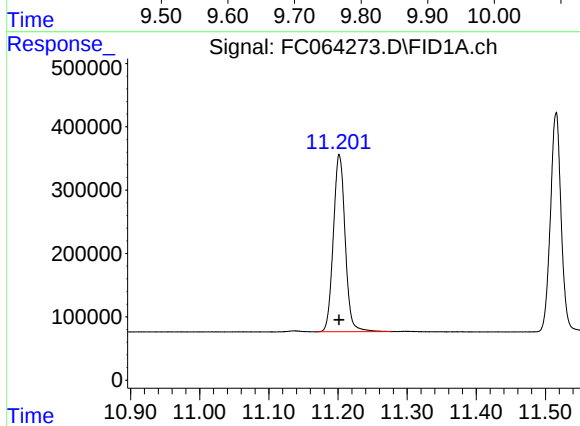
#6 n-Tetradecane (C14)

R.T.: 8.170 min
Delta R.T.: 0.004 min
Response: 3322138
Conc: 21.16 ug/ml



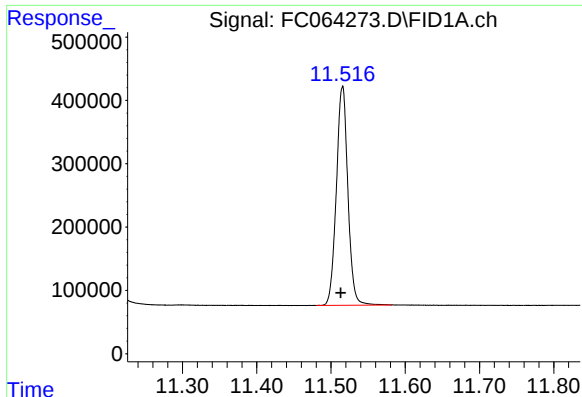
#7 n-Hexadecane (C16)

R.T.: 9.765 min
Delta R.T.: 0.003 min
Response: 3325997
Conc: 21.15 ug/ml



#8 n-Octadecane (C18)

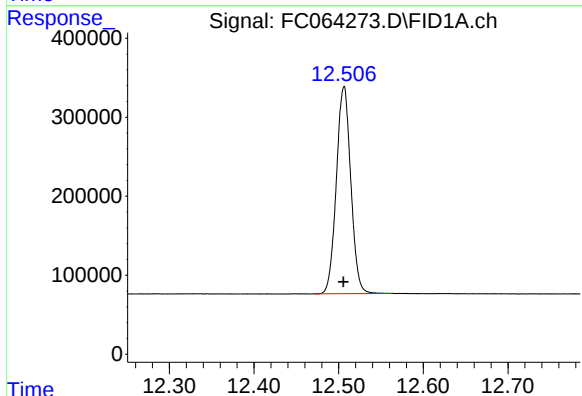
R.T.: 11.202 min
Delta R.T.: 0.000 min
Response: 3324282
Conc: 20.98 ug/ml



#9 ortho-Terphenyl (SURR)

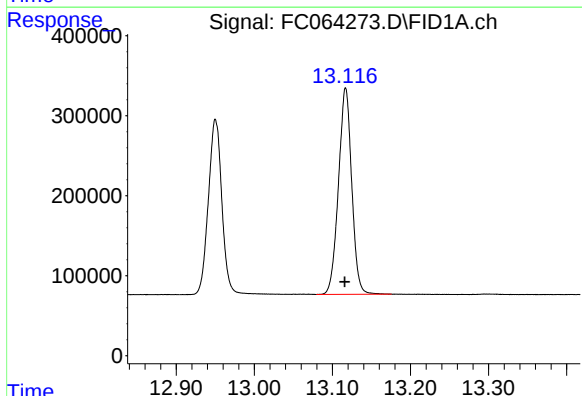
R.T.: 11.516 min
Delta R.T.: 0.003 min
Response: 3726609
Conc: 20.89 ug/ml

Instrument :
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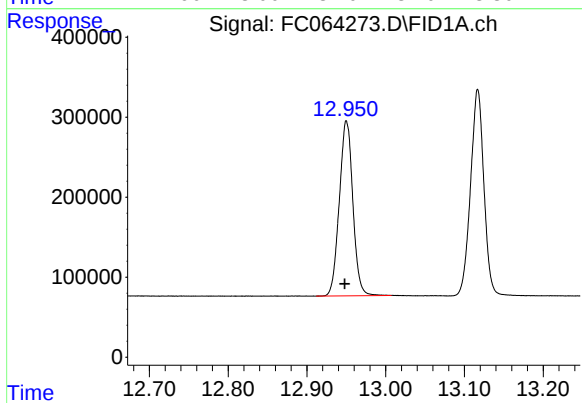
#10 n-Eicosane (C20)

R.T.: 12.506 min
Delta R.T.: 0.000 min
Response: 3114456
Conc: 20.87 ug/ml



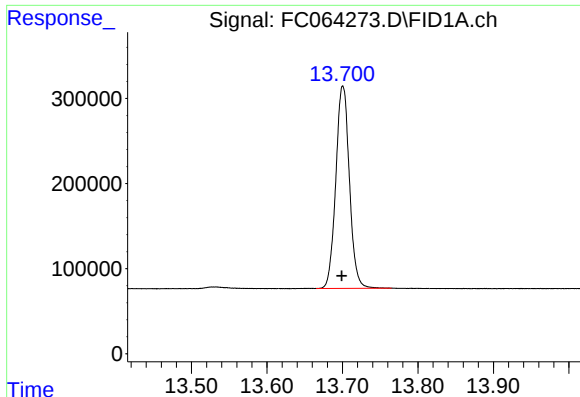
#11 n-Heneicosane (C21)

R.T.: 13.117 min
Delta R.T.: 0.001 min
Response: 3038785
Conc: 20.82 ug/ml



#12 1-chlorooctadecane (SURR)

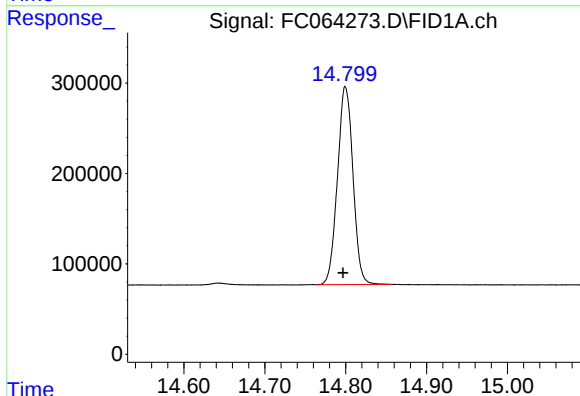
R.T.: 12.950 min
Delta R.T.: 0.002 min
Response: 2616061
Conc: 20.74 ug/ml



#13 n-Docosane (C22)

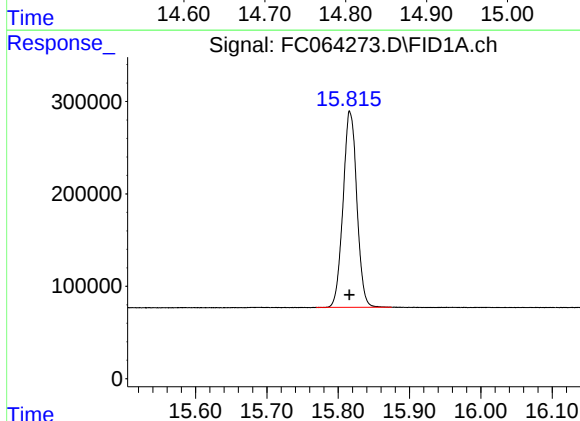
R.T.: 13.701 min
Delta R.T.: 0.001 min
Response: 2983687
Conc: 20.91 ug/ml

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20 PPM ALIPHATIC HC STD



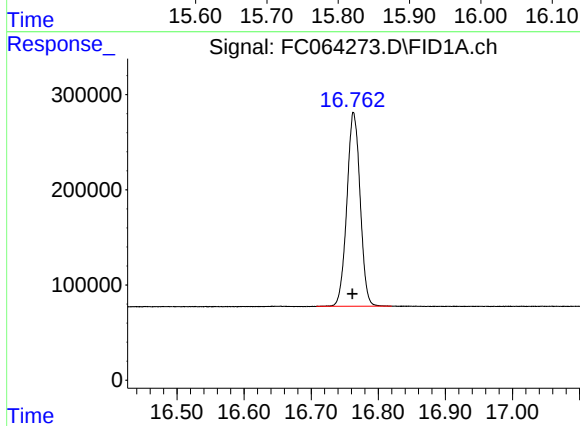
#14 n-Tetracosane (C24)

R.T.: 14.800 min
Delta R.T.: 0.003 min
Response: 2919272
Conc: 20.78 ug/ml



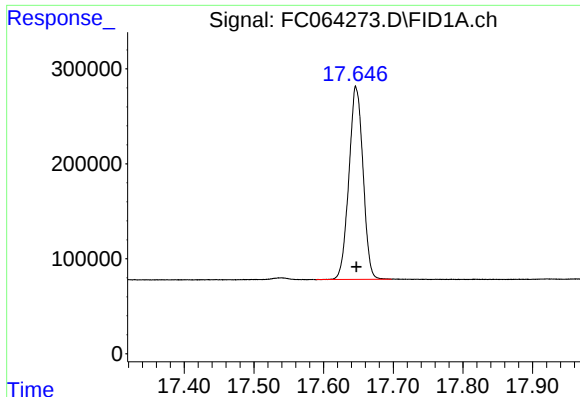
#15 n-Hexacosane (C26)

R.T.: 15.816 min
Delta R.T.: 0.000 min
Response: 2854525
Conc: 20.79 ug/ml



#16 n-Octacosane (C28)

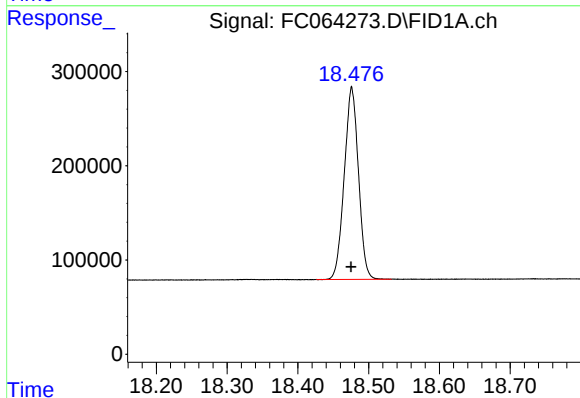
R.T.: 16.763 min
Delta R.T.: 0.002 min
Response: 2799489
Conc: 20.88 ug/ml



#17 n-Tricontane (C30)

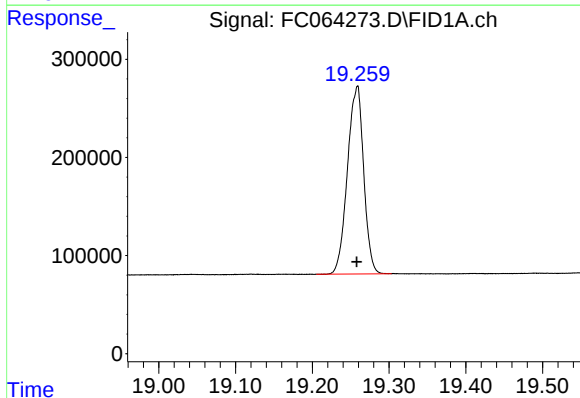
R.T.: 17.646 min
Delta R.T.: 0.000 min
Response: 2857163
Conc: 20.58 ug/ml

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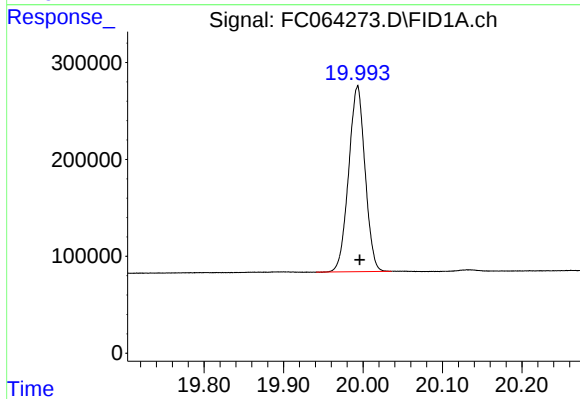
#18 n-Dotriacontane (C32)

R.T.: 18.476 min
Delta R.T.: 0.000 min
Response: 2843637
Conc: 20.21 ug/ml



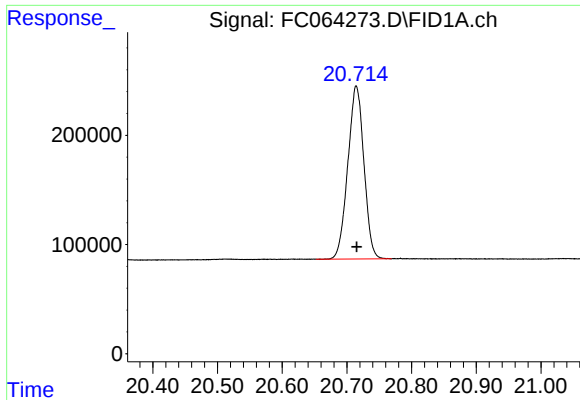
#19 n-Tetratriacontane (C34)

R.T.: 19.259 min
Delta R.T.: 0.000 min
Response: 2813766
Conc: 20.27 ug/ml



#20 n-Hexatriacontane (C36)

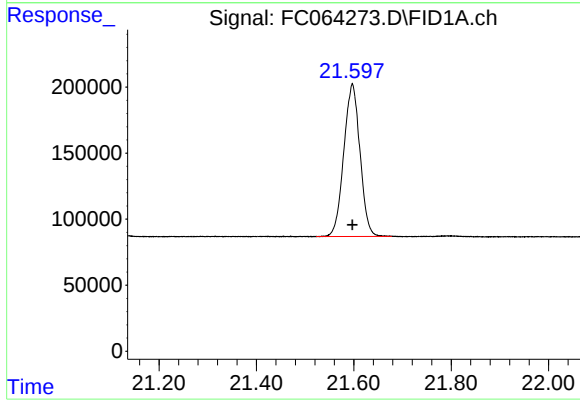
R.T.: 19.993 min
Delta R.T.: -0.003 min
Response: 2747667
Conc: 20.25 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.714 min
Delta R.T.: 0.000 min
Response: 2738231
Conc: 20.19 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.597 min
Delta R.T.: 0.000 min
Response: 2663125
Conc: 19.83 ug/ml