

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC101223AL\
 Data File : FC064804.D
 Signal(s) : FID1A.ch
 Acq On : 12 Oct 2023 21:35
 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: Oct 13 01:18:19 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 101023.M
 Quant Title : GC Extractables
 QLast Update : Tue Oct 10 12:17:45 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)	11.520	4433686	20.765 ug/ml
Spiked Amount 50.000		Recovery =	41.53%
12) S 1-chlorooctadecane (S...	12.952	3249772	21.674 ug/ml
Spiked Amount 50.000		Recovery =	43.35%
Target Compounds			
1) T n-Nonane (C9)	3.320	3694746	20.116 ug/ml
2) T n-Decane (C10)	4.380	3716456	20.317 ug/ml
3) T A~Naphthalene (C11.7)	5.962	3853392	20.317 ug/ml
4) T n-Dodecane (C12)	6.390	3825302	20.523 ug/ml
5) T A~2-methylnaphthalene...	7.015	3729264	21.295 ug/ml
6) T n-Tetradecane (C14)	8.177	3736289	20.804 ug/ml
7) T n-Hexadecane (C16)	9.770	3750053	21.082 ug/ml
8) T n-Octadecane (C18)	11.205	3789999	21.121 ug/ml
10) T n-Eicosane (C20)	12.509	3650962	21.203 ug/ml
11) T n-Heneicosane (C21)	13.119	3588879	21.191 ug/ml
13) T n-Docosane (C22)	13.701	3510639	21.306 ug/ml
14) T n-Tetracosane (C24)	14.800	3390191	21.300 ug/ml
15) T n-Hexacosane (C26)	15.816	3236612	21.129 ug/ml
16) T n-Octacosane (C28)	16.760	3099824	21.035 ug/ml
17) T n-Tricontane (C30)	17.644	3069716	20.981 ug/ml
18) T n-Dotriacontane (C32)	18.473	2983497	20.662 ug/ml
19) T n-Tetratriacontane (C34)	19.252	2863966	20.355 ug/ml
20) T n-Hexatriacontane (C36)	19.989	2803713	20.265 ug/ml
21) T n-Octatriacontane (C38)	20.711	2742322	20.702 ug/ml
22) T n-Tetracontane (C40)	21.594	2666864	21.310 ug/ml

(f)=RT Delta > 1/2 Window

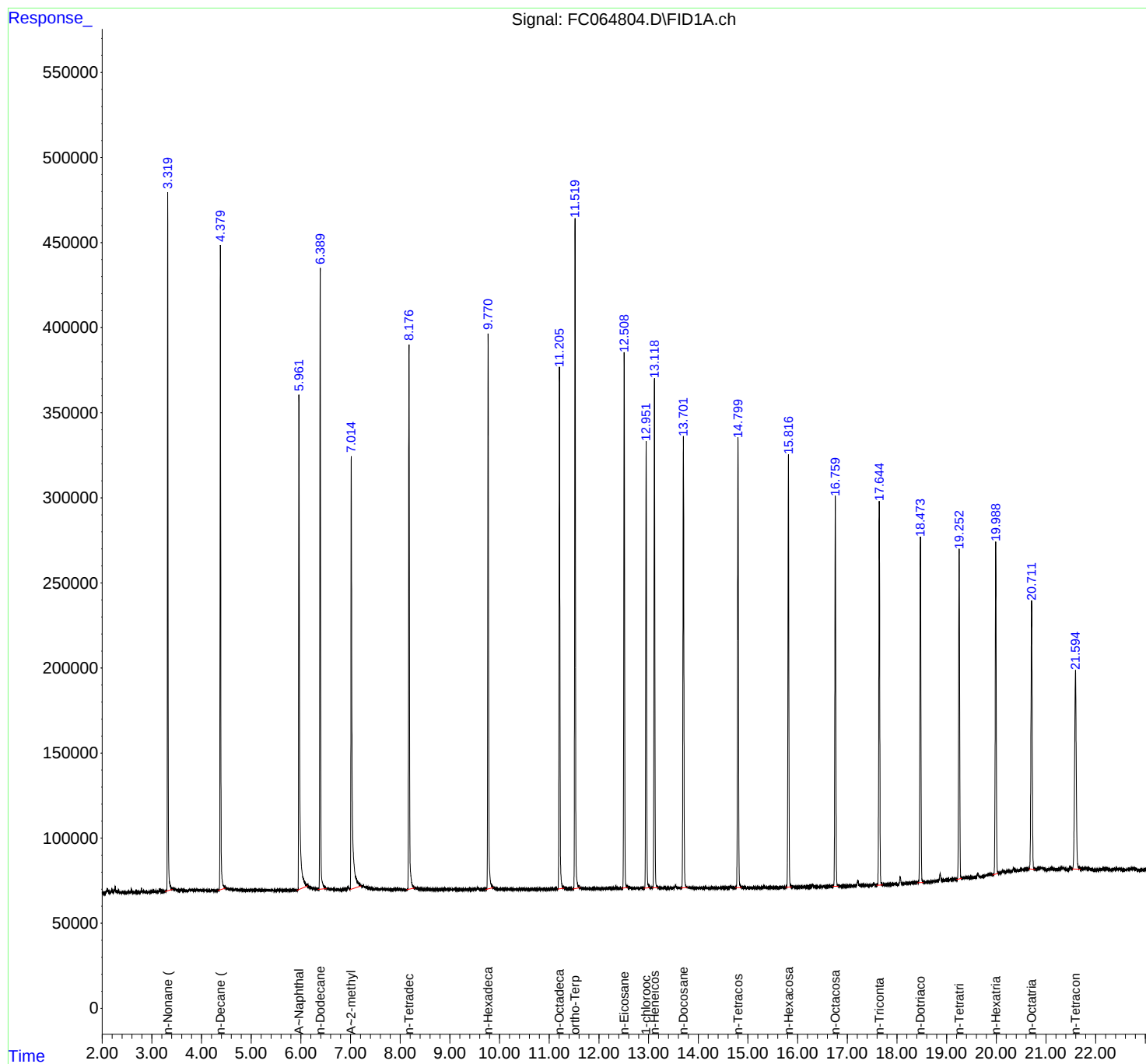
(m)=manual int.

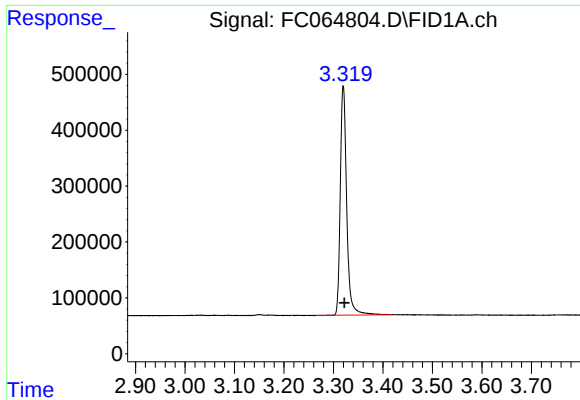
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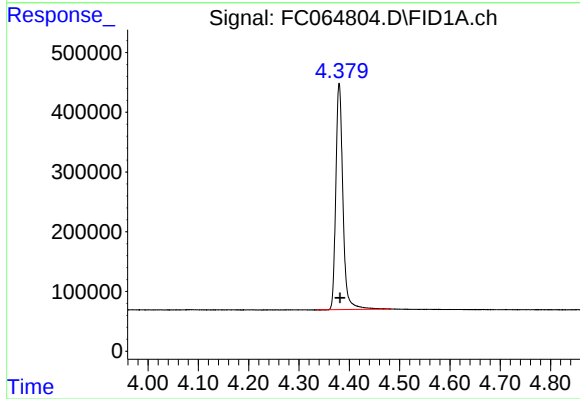




#1 n-Nonane (C9)

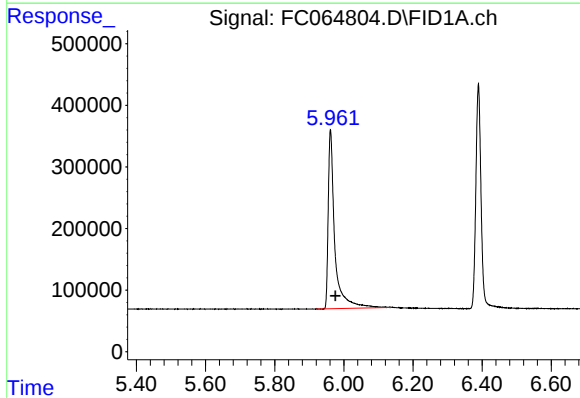
R.T.: 3.320 min
Delta R.T.: -0.002 min
Response: 3694746
Conc: 20.12 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



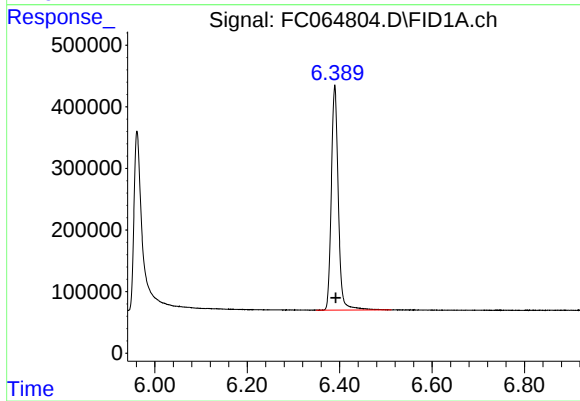
#2 n-Decane (C10)

R.T.: 4.380 min
Delta R.T.: -0.002 min
Response: 3716456
Conc: 20.32 ug/ml



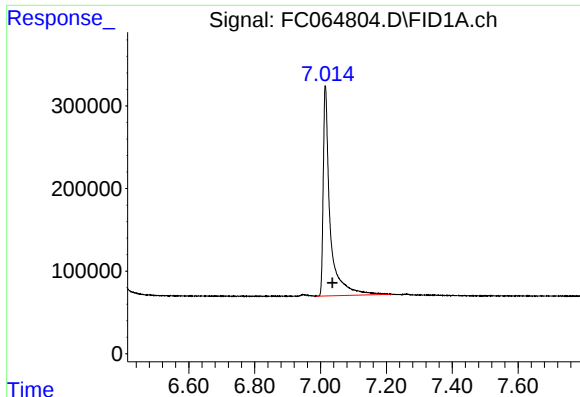
#3 A~Naphthalene (C11.7)

R.T.: 5.962 min
Delta R.T.: -0.014 min
Response: 3853392
Conc: 20.32 ug/ml



#4 n-Dodecane (C12)

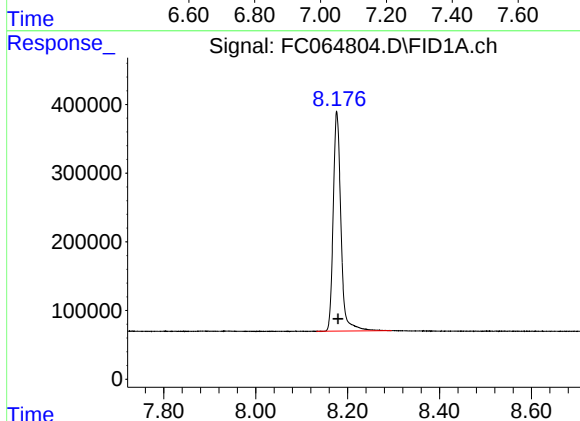
R.T.: 6.390 min
Delta R.T.: -0.002 min
Response: 3825302
Conc: 20.52 ug/ml



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

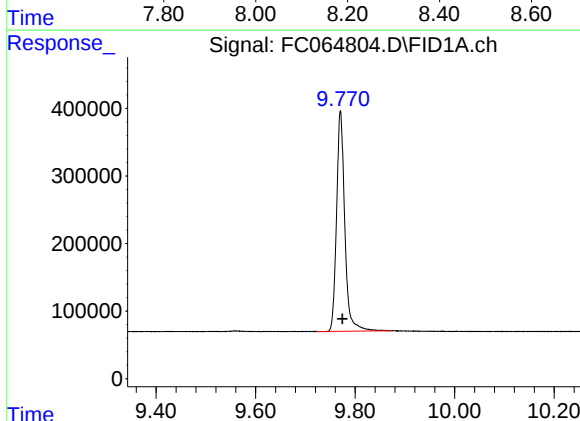
R.T.: 7.015 min
Delta R.T.: -0.021 min
Response: 3729264
Conc: 21.29 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



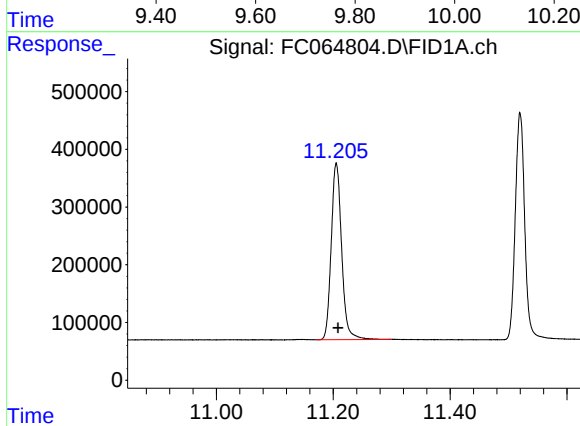
#6 n-Tetradecane (C14)

R.T.: 8.177 min
Delta R.T.: -0.003 min
Response: 3736289
Conc: 20.80 ug/ml



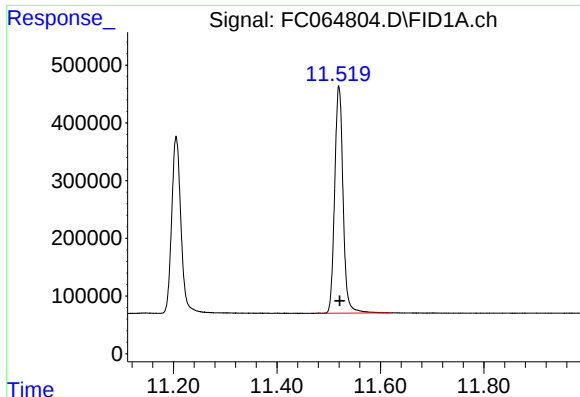
#7 n-Hexadecane (C16)

R.T.: 9.770 min
Delta R.T.: -0.004 min
Response: 3750053
Conc: 21.08 ug/ml



#8 n-Octadecane (C18)

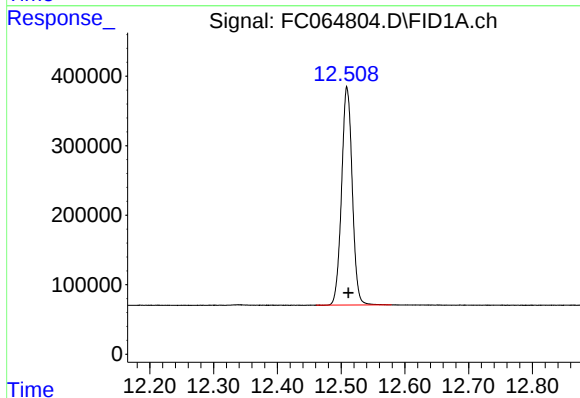
R.T.: 11.205 min
Delta R.T.: -0.003 min
Response: 3789999
Conc: 21.12 ug/ml



#9 ortho-Terphenyl (SURR)

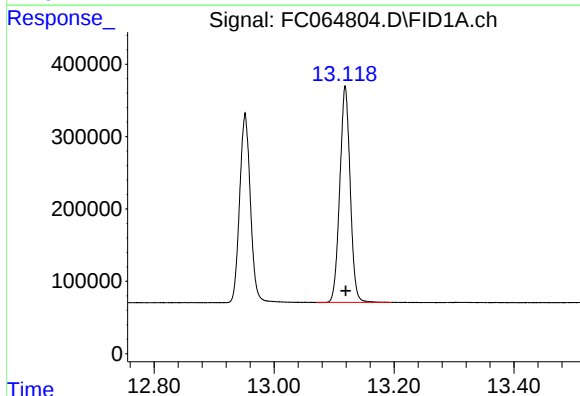
R.T.: 11.520 min
Delta R.T.: -0.002 min
Response: 4433686
Conc: 20.77 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



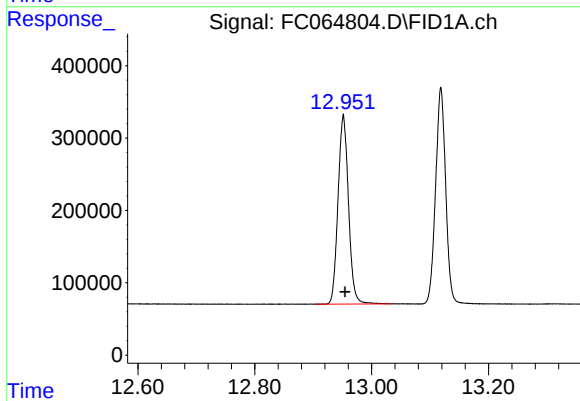
#10 n-Eicosane (C20)

R.T.: 12.509 min
Delta R.T.: -0.002 min
Response: 3650962
Conc: 21.20 ug/ml



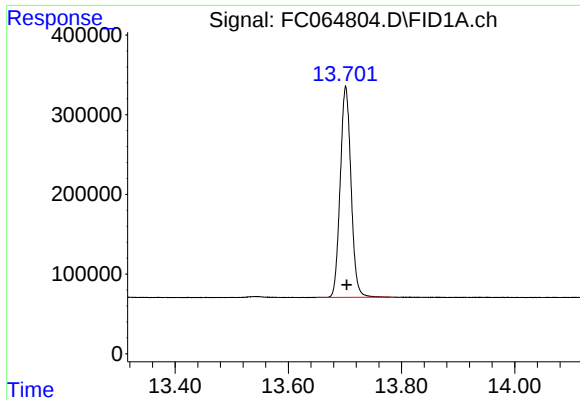
#11 n-Heneicosane (C21)

R.T.: 13.119 min
Delta R.T.: -0.001 min
Response: 3588879
Conc: 21.19 ug/ml



#12 1-chlorooctadecane (SURR)

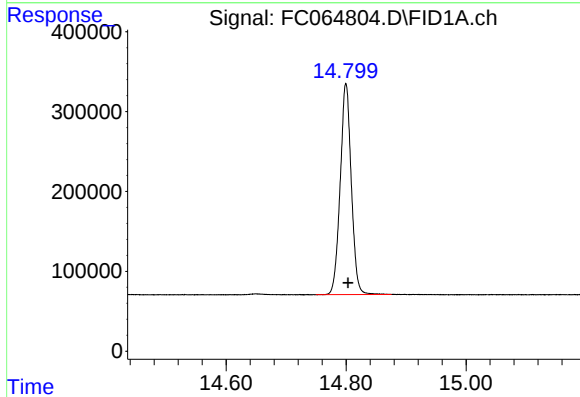
R.T.: 12.952 min
Delta R.T.: -0.003 min
Response: 3249772
Conc: 21.67 ug/ml



#13 n-Docosane (C22)

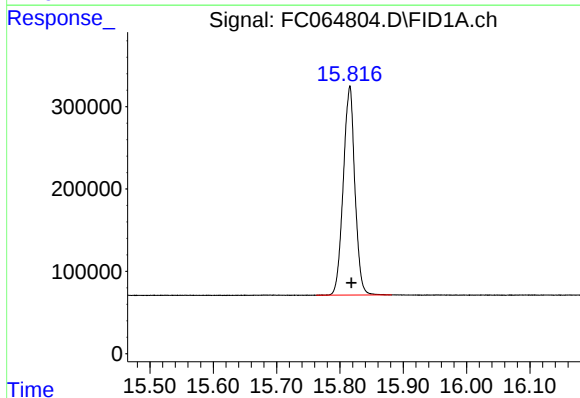
R.T.: 13.701 min
Delta R.T.: -0.002 min
Response: 3510639
Conc: 21.31 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



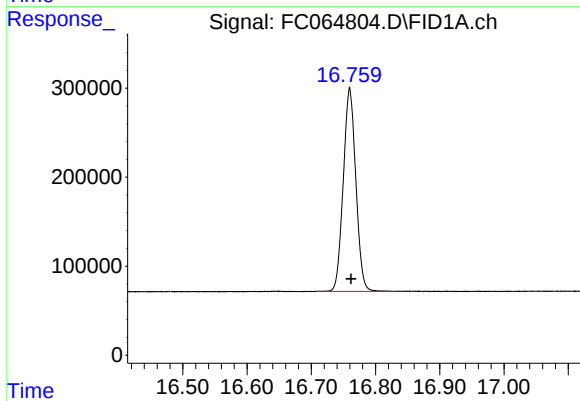
#14 n-Tetracosane (C24)

R.T.: 14.800 min
Delta R.T.: -0.003 min
Response: 3390191
Conc: 21.30 ug/ml



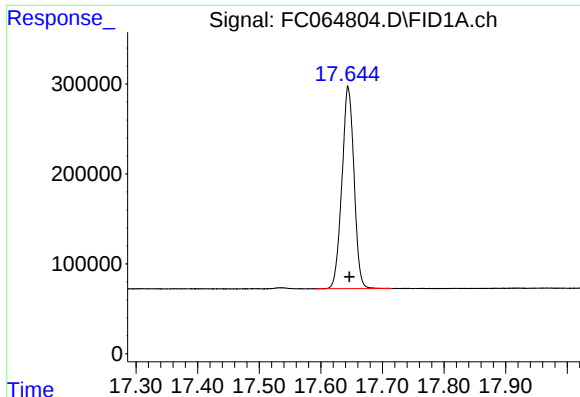
#15 n-Hexacosane (C26)

R.T.: 15.816 min
Delta R.T.: -0.002 min
Response: 3236612
Conc: 21.13 ug/ml



#16 n-Octacosane (C28)

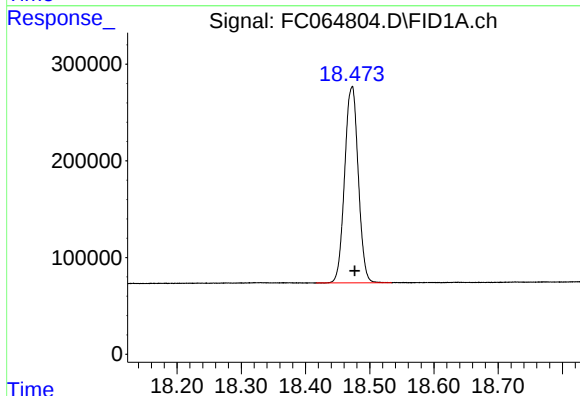
R.T.: 16.760 min
Delta R.T.: -0.002 min
Response: 3099824
Conc: 21.03 ug/ml



#17 n-Tricontane (C30)

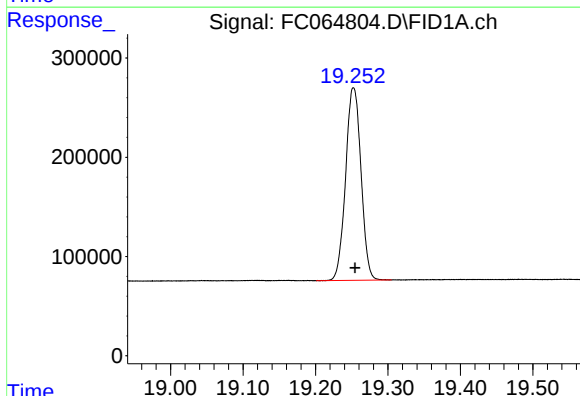
R.T.: 17.644 min
Delta R.T.: -0.002 min
Response: 3069716
Conc: 20.98 ug/ml

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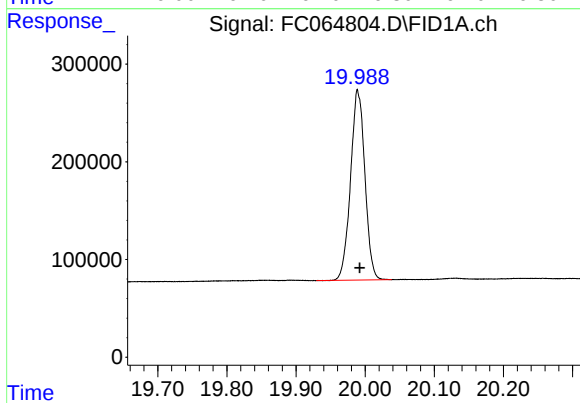
#18 n-Dotriacontane (C32)

R.T.: 18.473 min
Delta R.T.: -0.004 min
Response: 2983497
Conc: 20.66 ug/ml



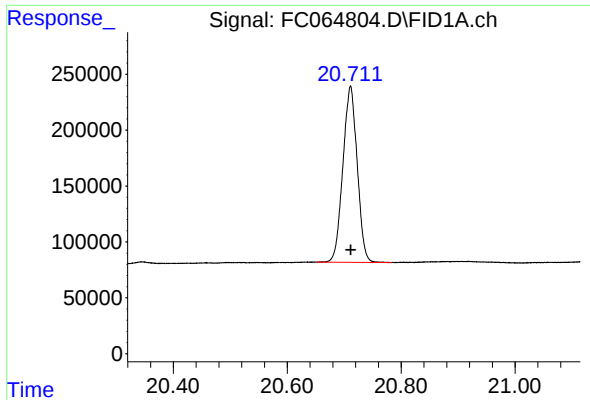
#19 n-Tetratriacontane (C34)

R.T.: 19.252 min
Delta R.T.: -0.002 min
Response: 2863966
Conc: 20.35 ug/ml



#20 n-Hexatriacontane (C36)

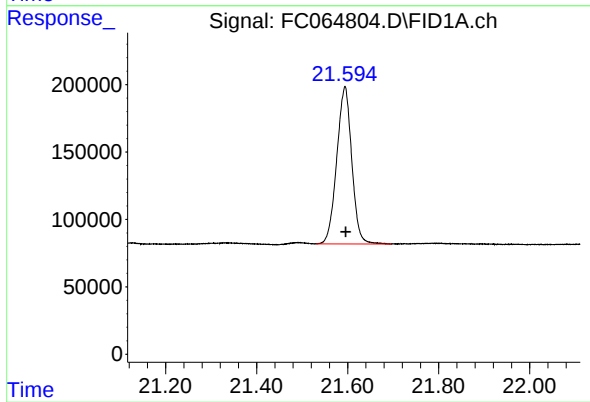
R.T.: 19.989 min
Delta R.T.: -0.003 min
Response: 2803713
Conc: 20.27 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.711 min
Delta R.T.: 0.000 min
Response: 2742322
Conc: 20.70 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.594 min
Delta R.T.: -0.001 min
Response: 2666864
Conc: 21.31 ug/ml