

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC072023AL\
 Data File : FC064199.D
 Signal(s) : FID1A.ch
 Acq On : 21 Jul 2023 02:44
 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 21 03:31:34 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 062423.M
 Quant Title : GC Extractables
 QLast Update : Sun Jun 25 04:03:48 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	3789985	19.520 ug/ml
Spiked Amount 50.000		Recovery =	39.04%
12) S 1-chlorooctadecane (S...	12.950	2746719	19.742 ug/ml
Spiked Amount 50.000		Recovery =	39.48%
Target Compounds			
1) T n-Nonane (C9)	3.304	3390137	19.008 ug/ml
2) T n-Decane (C10)	4.365	3432728	18.970 ug/ml
3) T A~Naphthalene (C11.7)	5.945	3515125	18.845 ug/ml
4) T n-Dodecane (C12)	6.377	3427775	19.028 ug/ml
5) T A~2-methylnaphthalene...	7.000	3325197	18.894 ug/ml
6) T n-Tetradecane (C14)	8.168	3331019	19.256 ug/ml
7) T n-Hexadecane (C16)	9.764	3381829	19.468 ug/ml
8) T n-Octadecane (C18)	11.202	3394171	19.694 ug/ml
10) T n-Eicosane (C20)	12.508	3203600	19.624 ug/ml
11) T n-Heneicosane (C21)	13.117	3127345	19.519 ug/ml
13) T n-Docosane (C22)	13.703	3093777	19.688 ug/ml
14) T n-Tetracosane (C24)	14.803	3055635	19.386 ug/ml
15) T n-Hexacosane (C26)	15.820	3014868	19.955 ug/ml
16) T n-Octacosane (C28)	16.765	3020058	20.043 ug/ml
17) T n-Tricontane (C30)	17.650	3216387	20.601 ug/ml
18) T n-Dotriacontane (C32)	18.479	3256826	20.616 ug/ml
19) T n-Tetratriacontane (C34)	19.259	3141743	20.417 ug/ml
20) T n-Hexatriacontane (C36)	19.996	3003169	20.341 ug/ml
21) T n-Octatriacontane (C38)	20.718	2952245	19.930 ug/ml
22) T n-Tetracontane (C40)	21.603	2966776	20.354 ug/ml

(f)=RT Delta > 1/2 Window

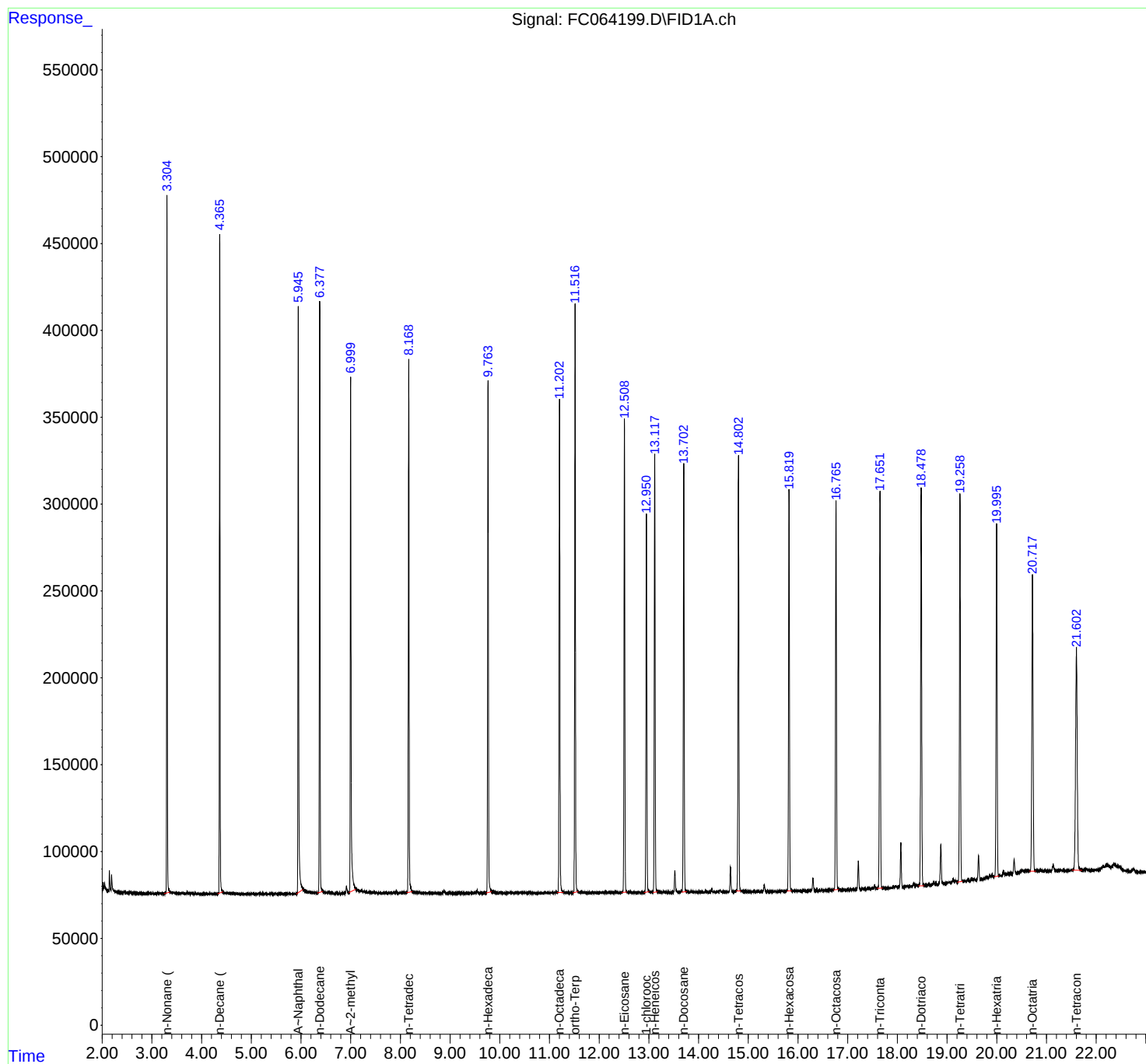
(m)=manual int.

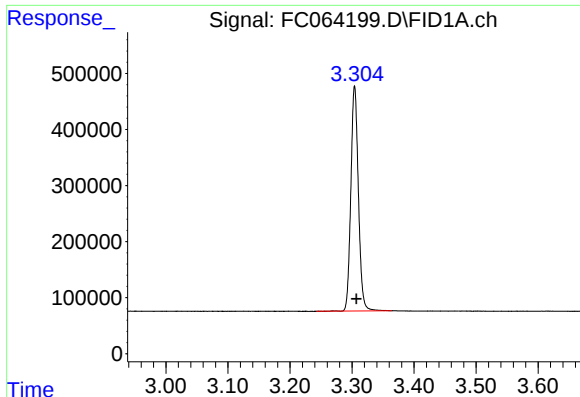
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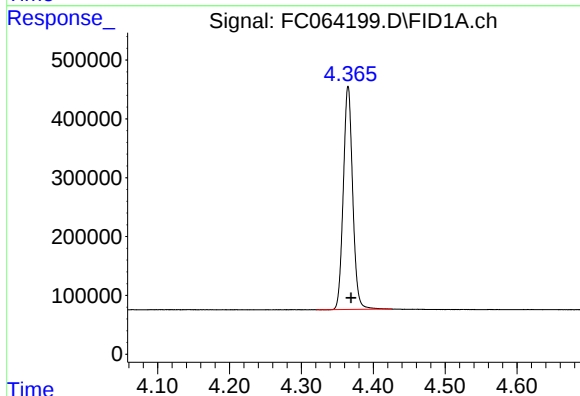




#1 n-Nonane (C9)

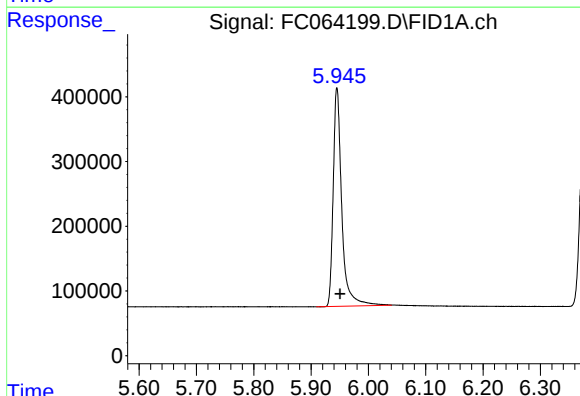
R.T.: 3.304 min
Delta R.T.: -0.003 min
Response: 3390137
Conc: 19.01 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



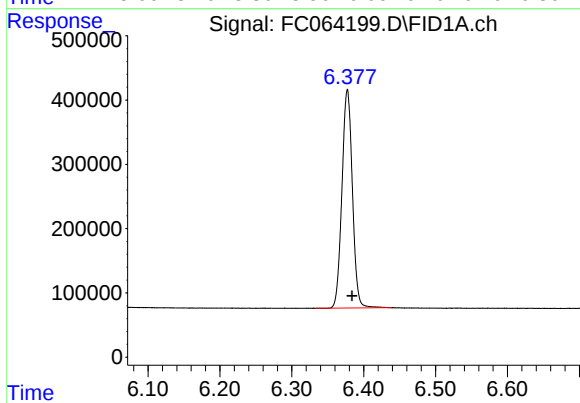
#2 n-Decane (C10)

R.T.: 4.365 min
Delta R.T.: -0.004 min
Response: 3432728
Conc: 18.97 ug/ml



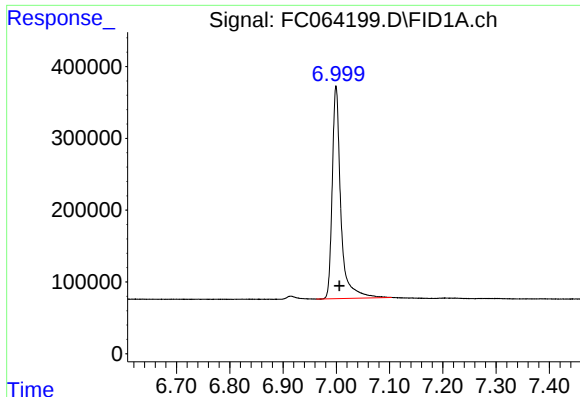
#3 A~Naphthalene (C11.7)

R.T.: 5.945 min
Delta R.T.: -0.005 min
Response: 3515125
Conc: 18.84 ug/ml



#4 n-Dodecane (C12)

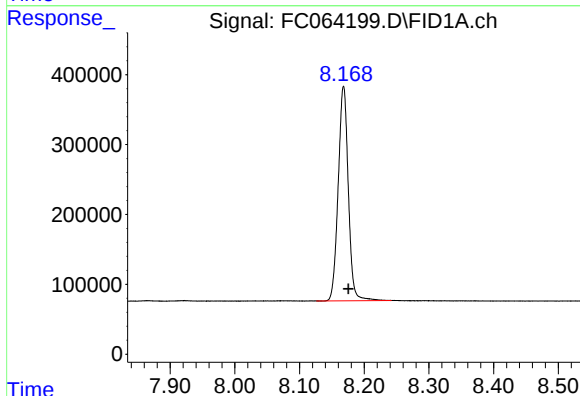
R.T.: 6.377 min
Delta R.T.: -0.006 min
Response: 3427775
Conc: 19.03 ug/ml



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

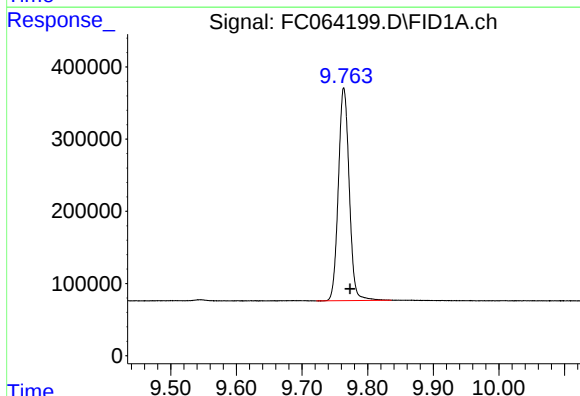
R.T.: 7.000 min
Delta R.T.: -0.006 min
Response: 3325197
Conc: 18.89 ug/ml

Instrument :
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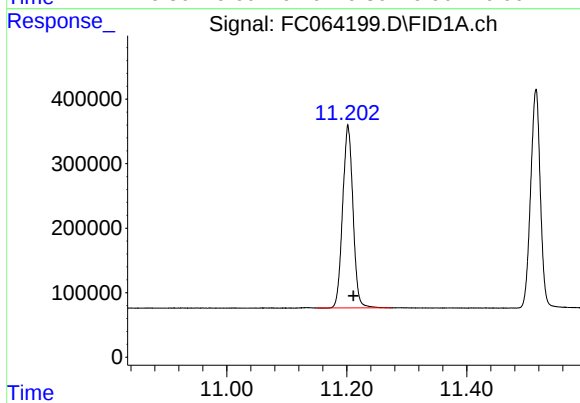
#6 n-Tetradecane (C14)

R.T.: 8.168 min
Delta R.T.: -0.007 min
Response: 3331019
Conc: 19.26 ug/ml



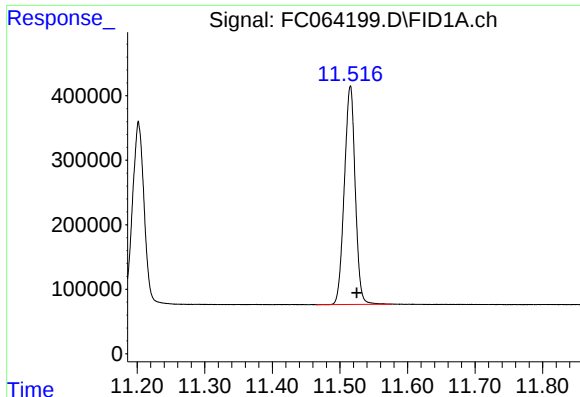
#7 n-Hexadecane (C16)

R.T.: 9.764 min
Delta R.T.: -0.010 min
Response: 3381829
Conc: 19.47 ug/ml



#8 n-Octadecane (C18)

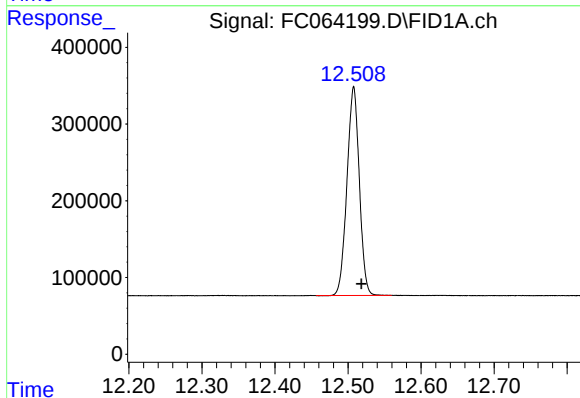
R.T.: 11.202 min
Delta R.T.: -0.009 min
Response: 3394171
Conc: 19.69 ug/ml



#9 ortho-Terphenyl (SURR)

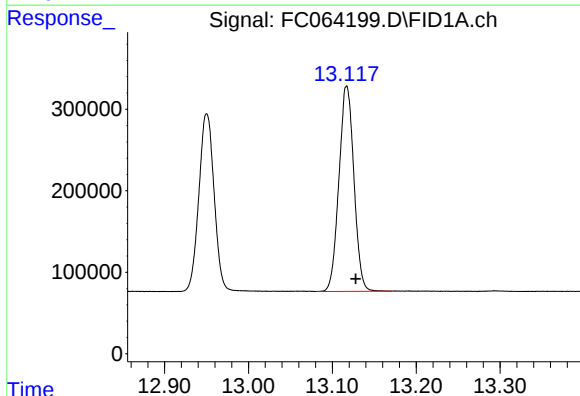
R.T.: 11.516 min
Delta R.T.: -0.010 min
Response: 3789985
Conc: 19.52 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



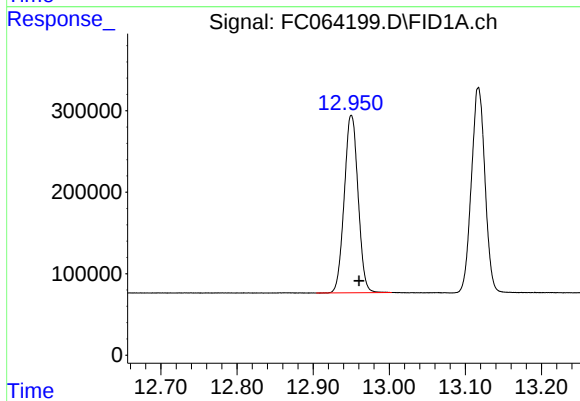
#10 n-Eicosane (C20)

R.T.: 12.508 min
Delta R.T.: -0.010 min
Response: 3203600
Conc: 19.62 ug/ml



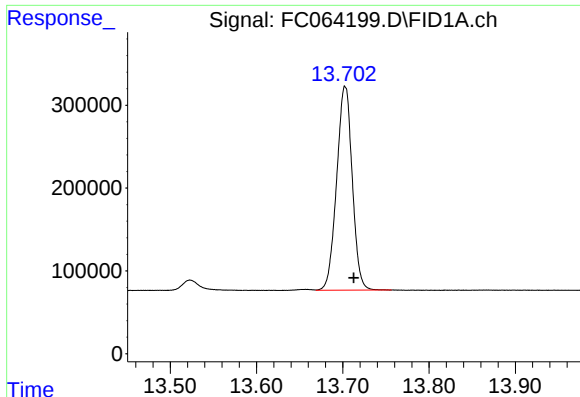
#11 n-Heneicosane (C21)

R.T.: 13.117 min
Delta R.T.: -0.011 min
Response: 3127345
Conc: 19.52 ug/ml



#12 1-chlorooctadecane (SURR)

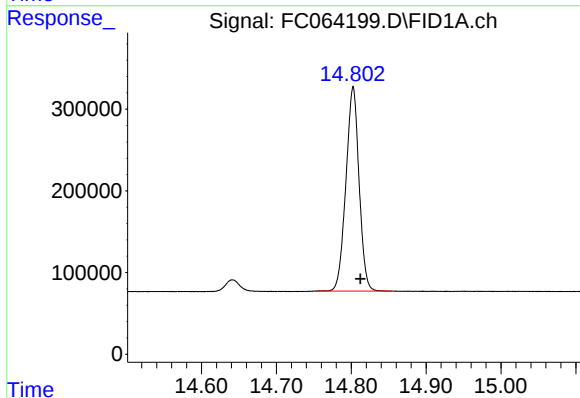
R.T.: 12.950 min
Delta R.T.: -0.010 min
Response: 2746719
Conc: 19.74 ug/ml



#13 n-Docosane (C22)

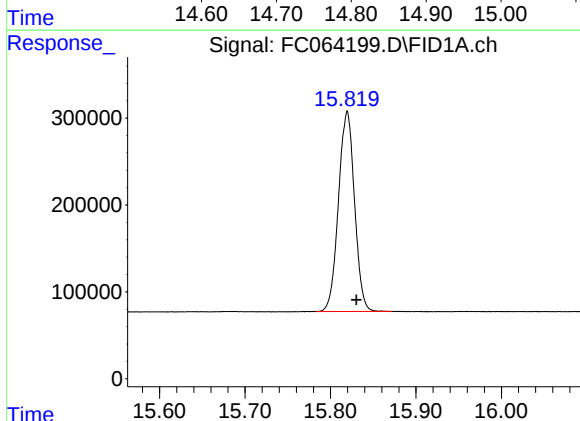
R.T.: 13.703 min
Delta R.T.: -0.010 min
Response: 3093777
Conc: 19.69 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



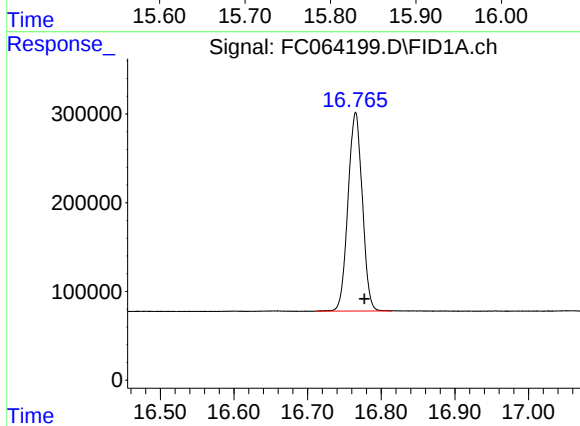
#14 n-Tetracosane (C24)

R.T.: 14.803 min
Delta R.T.: -0.010 min
Response: 3055635
Conc: 19.39 ug/ml



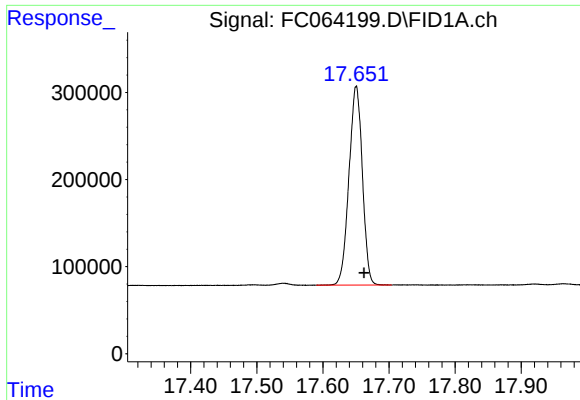
#15 n-Hexacosane (C26)

R.T.: 15.820 min
Delta R.T.: -0.011 min
Response: 3014868
Conc: 19.95 ug/ml



#16 n-Octacosane (C28)

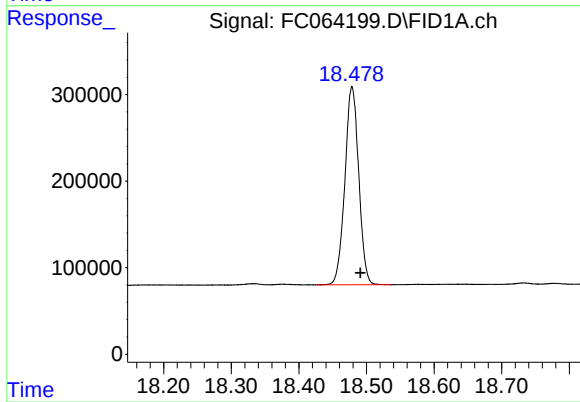
R.T.: 16.765 min
Delta R.T.: -0.012 min
Response: 3020058
Conc: 20.04 ug/ml



#17 n-Tricontane (C30)

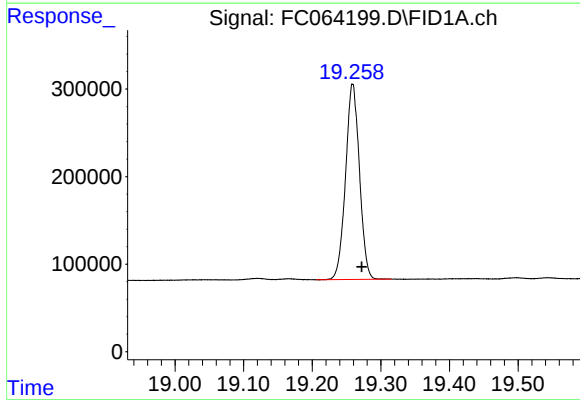
R.T.: 17.650 min
Delta R.T.: -0.012 min
Response: 3216387
Conc: 20.60 ug/ml

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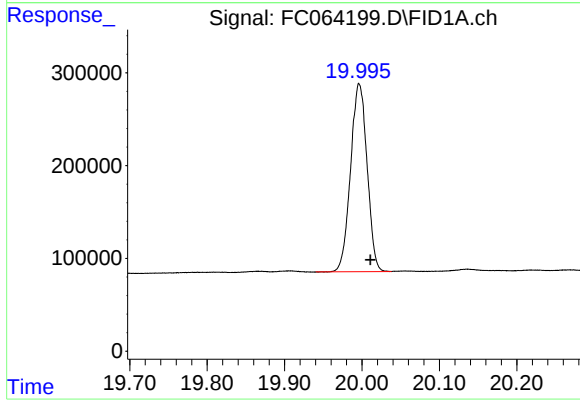
#18 n-Dotriacontane (C32)

R.T.: 18.479 min
Delta R.T.: -0.012 min
Response: 3256826
Conc: 20.62 ug/ml



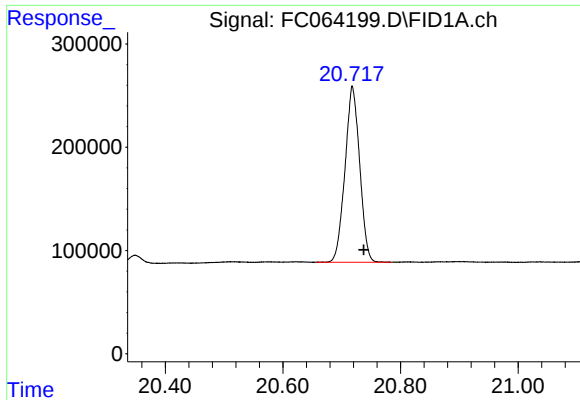
#19 n-Tetratriacontane (C34)

R.T.: 19.259 min
Delta R.T.: -0.013 min
Response: 3141743
Conc: 20.42 ug/ml



#20 n-Hexatriacontane (C36)

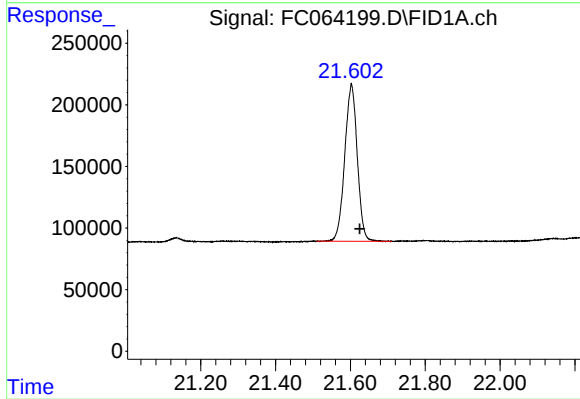
R.T.: 19.996 min
Delta R.T.: -0.014 min
Response: 3003169
Conc: 20.34 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.718 min
Delta R.T.: -0.019 min
Response: 2952245
Conc: 19.93 ug/ml

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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.603 min
Delta R.T.: -0.022 min
Response: 2966776
Conc: 20.35 ug/ml